



LIFE Project Number
LIFE14/ENV/GR/000858

Mid-term Report
 Covering the project activities from 01/01/2016 to 30/09/2017

Reporting Date
16/11/2017

LIFE RE-WEEE
“Development and demonstration of Waste Electrical and Electronic Equipment (WEEE) prevention and reuse paradigms”

Data Project

Project location:	Greece
Project start date:	01/01/2016
Project end date:	30/06/2019
Total budget:	2.161.405 €
EU contribution:	1.247.300 €
(%) of eligible costs:	60%

Data Beneficiary

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2. List of key-words and abbreviations

ACP	Administrative Council of the Project
ASC	Advisory Scientific Committee
BAT	Best Available Techniques
BoD	Board of Directors
CFG	Carbon Footprint Group
EAP	Environment Action Programme
EC	European Commission
ECOREC	Ecological Recycling Society
ECYCLE	Appliances Recycling S.A.
EEE	Electrical and Electronic Equipment
EPR	Extended Producer Responsibility
GA	Grant Agreement
GF	Green Fund
HRA	Hellenic Recycling Agency
HUA	Harokopio University of Athens
MTR	Mid-term Report
OCF	Open Consultation Fora
PMG	Project Management Group
PR	Project Report
QA/QC	Quality Assurance and Quality Control
RREUSE	Reuse and Recycling European Union Social Enterprises
SC	Sorting Center
TCF	Thematic Consultation Fora
YPEN	Ministry of Environment and Energy (Υπουργείο Περιβάλλοντος και Ενέργειας [ΥΠΠΕΝ])
WEEE	Waste Electrical and Electronic Equipment

3. Executive Summary

The inception of Project LIFE RE-WEEE - LIFE14 ENV/GR/000858 “Development and demonstration of Waste Electrical and Electronic Equipment (WEEE) prevention and reuse paradigms” was set on the 1st of January 2016, after the EC’s approval of the proposal. The present Mid-term report constitutes the complete reporting of the Project implementation for the period time of January 2016 – September 2017, concerning the deliverables and the activities that took place during the period.

At the beginning of the Project, three (3) management groups (Project Management Group - PMG, Quality Assurance and Quality Control Group – QA/QC Group and Carbon Footprint Group – CFG) were established, in order to support the Administrative Council of the Project (ACP) to monitor and manage the Project implementation. During the reporting period, several meetings and contacts among the supporting groups were held, so as significant decisions could be taken, in order to facilitate the proper progress of the Project. The contribution of the management groups was crucial, in order to tackle issues that the Project team addressed.

During the current period, all “Implementation Actions” (Actions B) were in progress. The main activities that were foreseen to be implemented were the recording and comparison of existing EU measurement methodologies of re-use and preparing for re-use, the development of the collaborative platform Re(W)eee for donating and exchanging EEE, the organization of Consultation Foras with the participation of the Project stakeholders, the implementation of the tender procedure by the Green Fund (GF) for the Municipalities selection that the two (2) Sorting Centers (SCs) will operate, the development of an issue of general specifications for WEEE preparing for re-use stage and five (5) special specification issues for management of WEEE categories (except lamps) addressed to preparing for re-use, and the implementation of a tender procedure by “Appliances Recycling S.A” for the selection of the contractors that will operate the two SCs.

Within the reporting period, the evaluation and comparative analysis of the existing EU measurement methodologies of re-use and preparing for re-use, that were recorded through specific questionnaires addressed to stakeholders of all EU member states, took place to facilitate the development of an integrated methodology and a transferable measurement tool for preparing for re-use. The evaluation and comparative analysis is currently in draft phase.

The donation/exchange platform is already operated in beta version for five (5) months and will finally implemented in November. Representatives from the fields of Social Economy or Environment contributed to the final configuration of the platform, as potential recipients of the platform donations, by attending at the 2nd Thematic Fora.

According to the approved proposal, 12 Consultation Fora (7 open Foras and 5 thematic Foras) will be organized in total. For the current period, 5 Foras have taken place (3 Open Foras and 2 Thematic Foras), and have exceeded the targeted number of participants. These Foras were crucial for the project progress, as the main topics discussed concerned the definition of SCs technical requirements and tackling of the barriers that have been addressed, the procedure for submission of the Municipalities proposals for SC infrastructures and the definition of the operation requirements of the donation/exchange platform.

Concerning the development of the specifications and the technical requirements for the entire “preparing for re-use” cycle, the 1st issue of specifications and technical requirements for collection, transfer, sorting and storage of WEEE and the issue of general specifications for WEEE preparing for re-use stage were delivered, constituting the base for the definition of the activities that will take place during the SCs operation. There is a delay of one (1) month for the development of this five (5) special specification issues for management of WEEE categories (except lamps) addressed to preparing for re-use, due to staff changes of HRA, the

beneficiary responsible for the Action implementation, within the foreseen period for the aforementioned deliverable development.

There was a delay of five (5) months for the launch of the call of interest for the Municipalities election, due to legislative restrictions that the Project team addressed, concerning the authorization and spatial planning of SCs, as described in detail at the charter “6. Technical part” in the corresponding Action B.5. The final results of the call of interest for the Municipalities election for the SCs operation were announced by the GF on 31/7/2017. For the region of Central Macedonia, the Municipality of Oraiokastro garnered the highest rating within the evaluation procedure, for the operation of the 1st Waste Electrical and Electronic Equipment (WEEE) SC of Greece. For the Attica region no Municipality selection took place, since the unique candidate (consortium of Kifissia-Dionysus) did not submit the required technical report during the 2nd phase duration of the tender procedure. To address the emerged constraint, “Appliances Recycling S.A.”, the beneficiary responsible for the contractors’ tender procedure, proceeded in the constitution of an integrated tender procedure for the operation of the SC in the Attica region through the selection of a combined contractor – infrastructure scheme, following the approval of the Project Adviser, Mrs. Anna Natasa Asik, on 27/7/2017. The object of the tender concerning the contractor for the SC operation of Oraiokastro is foreseen. The two (2) contractors’ tenders (one for each region of interest) are conducted in parallel by “Appliances Recycling S.A.” and will be announced in November 2017. The duration of the tendering procedure will last one (1) month and the evaluation of the submitted proposals is expected to take place in December 2017. The announcement of the contractors’ tender will be delayed for 7 months, firstly due to the legislative restrictions that the Project faced, as forecasted above, and due to the one (1) month prolongation of the call of interest for the Municipalities selection, owing to the lack of attendees at the 1st phase of the tender at the Attica region.

Implementation Actions are followed by supporting actions, such as the state-of-the-art report (Action A.1), which was completed within the reporting period of the 1st Progress report of the project, and dissemination actions (Actions D), by providing the base for the requirements for SCs operation and development of the donation/exchange platform and with the communication of the project progress and result to public and stakeholders. Among the dissemination actions is the project’s participation in relevant waste management conferences and workshops, the distribution of project newsletters and the continuing update of the LIFE RE-WEEE website with the project progress.

The Project progress is monitored and managed within Actions E (“Management and monitoring of project implementation progress”), concerning the project progress and the environmental impact, by calculation of CO₂ emissions, as prescribed in the approved Grant Agreement (GA). Project implementation is progressing smoothly, by finding viable solutions to the challenges faced in the project, as recorded in the monthly reports submitted to the Monitoring Team Auditor.

4. Introduction

The environmental problem that the LIFE RE-WEEE project addresses is the environmental burden caused by WEEE. This problem is further aggravated due to the continued growth of the market and the shortening of the life cycle of electrical and electronic equipment (EEE), resulting in the accelerated replacement of equipment, making WEEE one of the fastest growing waste streams in the European market. It is estimated that about 65% of the EEE currently on the European market is separated from other household waste, but over one half of such quantity probably undergoes improper treatment and is exported illegally. The result is the loss of valuable resources and the degradation of the environment. According to CWIT (Countering WEEE Illegal Trade summary report, 2015), it is estimated that in 2012 in Europe only 1/3 of all the EEE discarded, ended up in the authorized collective systems. The other went to unknown recipients or, even if separated from the rest of the household waste, underwent improper treatment or were exported to third countries, often illegally.

During 2012-2015, about four to ten appliances were collected and recycled on average per year in Greece. This figure, although still low, is slightly compared to the rest of Europe. In particular, EEE quantities managed by “Appliances Recycling S.A.” ranged between 37.000 tons in 2012 and 48.500 tons in 2015. In those years, the quantities placed on the market ranged between 110.000 tons in 2012 and 115.000 in 2015.

EEE components contain hazardous substances, such as heavy metals (Hg, Cd, Pb, Cr), polybromobiphenyls (PBB) and polybromodiphenylethers (PBDE), causing serious risks to the environment and human health, when such wastes are disposed without first being depolluted or if not properly treated. However, even when WEEE is collected separately and recycled, hazardous substances pose a potential risk to health or the environment in case are not treated using the Best Available Techniques (BAT).

The project LIFE RE-WEEE aims to reduce WEEE through the implementation of prevention of WEEE production and preparing for re-use actions, the development and demonstration of efficient sorting and preparing for re-use processes for a variety of WEEE, leading to an increased acceptance of used Electrical and Electronic Equipment (UEEE) by the consumer.

To achieve the abovementioned objectives of the project, the development and demonstrative operation of two WEEE Sorting Centres will take place in the region of Attica and Central Macedonia respectively. The operation of the SCs will be based on the specifications and technical requirements based on Best Available Techniques (BAT) for the entire “preparing for re-use” cycle that will be developed within the project implementation. The development of a measurement tool preparing for re-use and re-use activities of the project will facilitate the assessment of the level of WEEE re-use in Greece, before and after the project intervention. Finally, public awareness on the preferences for re-use rather than recycling, addressed to consumers and other stakeholders, and promotion of multiaspect WEEE prevention culture are among the expected results of the project implementation.

The objectives and actions of the project clearly falls in the topic of waste, assisting the achievement of the overall goals of the Roadmap for a Resource-Efficient Europe, the 7th EAP for 2020 and circular economy principles, namely to reduce waste and maximize re-use. The preparing for re-use and the re-use of WEEE, which are exactly the project’s subject, are specifically defined as priorities in the relevant Programme Waste Topic.

The expected longer term results of the project are referred to the reduction of the produced WEEE through prevention and preparing for re-use activities, firstly at the regions of interests (Attica and Central Macedonia). The projects aims to disseminate the know-how that will be gained after the demonstrative operation of the two (2) SCs, in order other SCs to be developed in the wide area of Greece. This results long term to the reduction of raw materials and energy

consumption needed for the production for new EEE and, finally, to the limitation of greenhouse gases (CO₂) raised by the EEE production and WEEE treatment procedures. Moreover, the project aims to develop a completed legislative framework for SCs operation in Greece. An environmental authorization framework has already embodied to the national legislation through actions of the project beneficiaries and efforts are made in order the spatial framework for SCs operation to be simplified for the future operation of relative facilities. The specifications and the technical requirements, developed for the project scope, are expected to be adopted by the relevant regulatory body (HRA), to facilitate permitting and assure quality of used EEE and prepare recommendations for policy measures, at all relevant levels- retailer management, local authority, national and EU legislation. Finally, the tool that will be developed for preparing for re-use measurement at national level, will be suggested to be transferred and implemented by RREUSE members (beneficiary of the project), in order to constitute a reference point at EU level.

5. Administrative part

The Administrative Council of the Project (ACP) is the official decision-making body of LIFE RE-WEEE Project, consists of one representative of each beneficiary. The role of the ACP is to monitor the delivery time of the reports, according to the GA, the organization of meetings, conferences and dissemination activities, the development of the reports to EC, guidance and monitoring of financial statement reports, according to EC guidelines, and the assessment of project progress by each action implementation. The Project Coordinator constitutes the link between the ACP and European Commission. The ACP members are referred to the GA. During the kick-off-meeting, the ACP recommendation was revised according to the Diagram 1 Project Organization Chart, and 3 supporting groups of the ACP were also recommended: Project Management Group, Quality Assurance and Quality Control Group and Carbon Footprint Group.

The meetings of the three supporting groups are not regular, but are convened when necessary for the smooth progress of the project, while individual meetings of the involved beneficiaries take place to facilitate the implementation of the individual actions. Meetings among beneficiaries have been held during the reporting period, targeting to the continuous communication and information of partners for the progress of individual actions. In some cases, teleconference communication with RREUSE representatives took place, resulting in saving recourses of the project (travel and subsistence costs) and reduction of Project Carbon Footprint. Moreover, a “cloud” folder (dropbox) accessible by all beneficiaries has been created by the Coordinator for dissemination and exchanging of data (literature, deliverables, monthly reports, templates documents etc.).

The first two Monitoring Team visits were held on 23/5/2016 and 15/5/2017 respectively at the “Appliances Recycling S.A.” offices. Representatives of all beneficiaries participated in the meetings (Annex 10.2.120 E.1 Participant list of 1st Monitoring Team Audit and Annex 10.2.122 E.1 Participant list of 2nd Monitoring Team Audit). The issues raised by the Monitoring Team visits were delivered to Coordinating beneficiary “Appliances Recycling S.A.” as Annexes of the EASME letters by the date of 11/7/2016 (EASME.B.3 NA/fh D(2016) 3978871) and 19/7/2017 (EASME B3/NA D(2017) 4154147) respectively. Itemized responses to the EASME letter by 11/7/2016 were submitted at the 1st PR of the project as Annex 7.1.1 and as Annex 10.1.1 Response to letter EASME.B.3 NA/fh D(2016) 3978871 at the present report. Whereas, the itemized responses to the EASME letter by 19/7/2017 are submitted with the present report as Annex 10.1.2 Response to letter EASME B3/NA D(2017) 4154147.

Moreover, the Monitoring Team Auditor is informed frequently for the progress of the project by the Monthly progress report.

All the corresponding deliverables and supporting documents of the present report are submitted in electronic format, according to the letter by EASME on 6/12/2016 (EASME B3/AS ARES(2016) 7353988).

Additionally, all the issues raised after the 1st Progress Report submission of the LIFE RE-WEEE project, are responded at the present report as Annex 10.1.3 Response to letter EASME B3/NA D(2017) 2546267.

Finally, as it is described analytically at the corresponding Action B.5, the project team and the Monitoring Team Auditor, Mrs. Papageorgiou, were met on 13/7/2017 at “Appliances Recycling S.A.” offices, in order to face the emerged constraints, concerning the lack of proposals by Attica Municipalities for infrastructure provision for the SC operation. After Mrs Papageorgiou guidance, the coordinating beneficiary sent a letter to the Project Adviser of EASME on 25/7/2017 (Annex 10.1.4 Letter to EASME_ alternative senario_action B.5 implementation_Pr. No 11494/25-07-2017), following the unanimous decision of all co-beneficiaries, describing in detail the proposed alternative scenario (Action B.5). The implementation of the proposed scenario was successfully approved by the Project Adviser, Mrs. Anna Natasa Asik via a responding e-mail on 27/7/2017 (Annex 10.1.5 Approval by EASME of letter “Pr. No 11494/25-07-2017”email)

6. Technical part

6.1 Technical progress, per Action

A. Preparatory actions

Action A.1: State-of-the-art review

Foreseen start date: January 2016

Actual start date: January 2016

Foreseen end date: June 2016

Actual (or anticipated) end date: August 2016

Status: Completed

Progress

HUA was responsible for the overall implementation of Action A.1, while ECYCLE, RREUSE, ECOREC, and GF had a supportive, and crucial role collection/review of the required data, taking interviews and editing of the reports. Action A.1 had a preparatory, but basic function in the implementation of the LIFE RE-WEEE project. It concerned the production of a State-of-the-Art Report on the WEEE re-use or preparing for re-use. This report forms an information tank for the implementation of the Actions of groups B (implementation actions) and D (public awareness and dissemination of results). For instance, it has already contributed to the identification of the WEEE categories for the WEEE Sorting Centres (Action B.5, sub-action B.5.1), and it has been orally presented in two International Conferences (IHWM 2016 and ATHENS 2017, for further information please refer to Action D.7).

The Report consists of three (3) parts:

The identification of initiatives and good practices in EE-28 (Sub-action A.1.1)

The first part presents more than twenty (20) WEEE prevention and preparation for reuse activities (initiatives, practices) that have been employed in Greece and at EU level until June 2016. Depending on the data availability, the activities have been evaluated upon environmental, economic and social criteria, such as their diversion potential, the reuse percentage, the difficulty of their implementation, their impact on the citizen's behaviours, and the number of jobs created. During the investigation of the aforementioned activities, it became obvious that Greece lacks such as initiatives, indicating the necessity for the implementation of the B Actions of the LIFE REWEEE project.

The investigation of legislative facilitators and barriers, at national and EU level (Sub-action A.1.2)

The second part of the State-of-the Art Report involved the investigation, evaluation and presentation of legislation facilitators and barriers at national and EU level. In order to analyse the current situation, approximately fifty (50) interviews (questionnaires) were taken and a desk study (review of more than forty (40) articles and reports) was held.

The recording of the available economic instruments, that promote the WEEE reuse and the preparation for reuse (Sub-action A.1.3)

The third part of the report, i.e. the recording of the available economic instruments, will facilitate the exploitation of the available data towards the development of more effective tools. Although various instruments are presented, special emphasis has been given on the Extended Producer Responsibility (EPR) systems, due to its high effectiveness and importance in WEEE management.

Since part of the stakeholders were the same with those in Action B.1, an integrated questionnaire of both Actions was distributed according to Project team decision. So as Action

B.1 was in progress after the end date of Action A.1, the deadline for the completed questionnaires was set in December 2016, and therefore the state-of-the-art report is submitted revised with the **MTR**, according the received feedback.

To proceed in feedback receiving, a modified questionnaire concerning Action A.1 was delivered in countries where prevention of WEEE production and preparing for re-use are in early stage (such as in Greece and Serbia), in order to collect more credible and closer to reality information. Stakeholders that are involved scientifically in re-use issues (e.g. academics) and are well aware of the corresponding legislative issues, were asked to complete the modified questionnaire of Action A.1. The questionnaires are annexed with the **MTR** as Annexes 10.2.2 Integrated Questionnaire A1- B.1_En, 10.2.3 A.1 Questionnaire_EL and 10.2.4 A.1 Questionnaire_EN.

The “State-of-the-Art report” was submitted to the EC as Annex in the 1st Progress Report (“7.2.1 A.1 Del State-of-the-Art report”). However, the State-of-the-Art report is improved in line with remarks by the EC (EASME letter – Ref. Ares(2017)2235438 – 02/05/2017). Therefore, the revised deliverable is re-submitted by HUA (beneficiary in charge) and is provided with this report (Mid-term report) as Annex 10.2.1 A.1 Del State-of-the-art report_revised. The remarks of the EC involved the further analysis on Financial Instruments available for the promotion of WEEE reuse and/or preparing for reuse, and the addition of the collected responses in short tabulated form. These additions did not introduce any delay to the subsequent Actions of the project.

Delays

The draft report was delivered in June 2016, and finalised 1,5 month later than the foreseen time-plan (August 2016), but this did not introduce any further delay to the subsequent Actions of the Project, neither did it affect its smooth implementation. 98% of the State-of-the-Art Report was completed by August 2016. The delay of the rest 2% was due to the recording of national legislation of other EU member-countries, as are reported in local languages and the delay of the interview responses.

The participating beneficiaries dealt with this obstacle effectively, using an integrated approach of the subject, and modifying the questions of the interviews. In September 2017, updated data about the reported practices were available. Therefore, the LIFE RE-WEEE consortium, decided to revise the State-of-the-Art report accordingly, and add the analysis of the new interviews (questionnaires).

Comparison with established targets

Indicators of Progress	Target	Achievement	Comments
State-of-the-Art report	June 2016	<ul style="list-style-type: none"> August 2016 September 2017 revised upon EC request 	The Report was revised twice: 1. In November 2016, as decided by the project consortium, in order to include updated data of initiatives, and analysis of interviews, and 2. In September 2017 upon EC remarks
Reporting of good practices	20	21	
Legislative facilitations and barriers	50 interviews/questionnaires	60 questionnaires were distributed. 48 Responses: <ul style="list-style-type: none"> A.1 questionnaires/interviews: 30 A.1&B.1 integrated: 18 	60 are the questionnaires directly distributed. Many recipients are network-members and the questionnaires were forwarded to other members, with no calculable estimation of

			the exact distributed questionnaires.
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Table 1 Achievements of Action A.1 within the reporting period.

Deliverables within reporting period	FORESEEN	ACTUAL
10.2.1 A.1 Del State-of-the-art report_revised	6/2016	8/2016

Supporting documents within the reporting period are Annexed as 10.2.2 – 10.2.4

B. Implementation actions

Action B.1: Design and develop assessment tools and methodologies

Foreseen start date: April 2016

Actual start date: February 2016

Foreseen end date: March 2019

Actual (or anticipated) end date: March 2019

Status: In progress

Progress

The Action is in progress and RREUSE is responsible for the action implementation and collaborated with ECOREC, ECYCLE, HUA and HRA during the initial time period. The aim of this action is to develop a comprehensive methodology and a corresponding tool for reliable and comparable assessment of the measurement of preparation for re-use of WEEE in the EU. This methodology will not only be the one used in the two sorting centres set up in regions of Attica and Central Macedonia, but also applied by at least 10% of RREUSE members. This action consists of three (3) sub-actions as described below:

Sub-action B.1.1 is referred to inventory of existing measurement methodologies of WEEE reuse and preparing for reuse. For the purpose of this inventory, three (3) questionnaires were developed, submitted as Annexes 10.2.2 Integrated Questionnaire A1- B.1_En, 10.2.6 B.1 Questionnaire for Producer Responsibility Organisations (PROs) and 10.2.7 B.1 Questionnaire for Local Authorities of the **MTR**, containing questions related to the amount of WEEE collected and re-used/prepared for re-use and the way it was calculated. One of the 3 questionnaires constitutes integrated version with Action A.1, as decided by the Project team, due to common part of stakeholders that the questionnaire was addressed to. The questionnaires were sent to different stakeholders working on re-use/preparing for re-use activities. The questionnaires were revised a few times to try both to simplify it and get more data from the respondents based on relevant feedback. The report had a delay of 3 months, till June 2017, for the completion of this deliverable, and last clarifications on the questionnaires resulted in revisions till September 2017. However, this final delay did not strongly affect to the overall project implementation. Once the data from the questionnaires were recorded, the processing and analysis of the collected data started on June 2017.

The collection of the answers resulted in the creation of 3 Excel Spreadsheets which can be considered as supporting documents of the **MTR**:

- B.1.1_Answers received: In this spreadsheet all the 31 answers received are displayed representing a total of 351 different actors.
- B.1.1_Comparison study: In this spreadsheet, all the calculation methods are analysed according to their similarities and differences: 27 different calculation methods
- B.1.1_Results of the answers: Shows what the results would look like if the same data collection method as the Flemish association Komosie were to be used.

An abstract of the results of these tables has been uploaded on the LIFE RE-WEEE website and annexed as 10.2.5 B.1 Del Inventory of existing calculation methods of reuse and preparation for re-use of WEEE. This abstract will be considered as the deliverable for the public since the tables contain confidential information.

31 questionnaires were collected from reuse networks and centers representing more than 339 re-use and preparing for re-use centres since a lot of “umbrella” organisations answered on behalf of their members. In total, 351 reuse centers and other relevant actors were represented in the responses vis a vis the 200 envisaged.

Sub-action B.1.2 is the reporting of a comparative analysis of existing measures used in the EU. The content of this report is based on actual data that were collected through the questionnaires in the framework of sub-action B.1.1 titled as “Mapping of the Currently Applied Methodologies for Re-use and Preparing for Re-use of WEEE”. The collected data will be processed in order to set the baseline for a comparative evaluation of the respective methodologies by means of identifying common procedures as well as differences. The results of the comparative evaluation will highlight the best available and applied techniques for practicing and assessing re-use of WEEE and, at a later phase, form the guidelines for developing an integrated methodology for WEEE re-use and preparing for re-use as part of the Deliverable B1.3 titled “Integrated Methodology”.

The comparative analysis report was foreseen to be delivered on September 2017. There was a delay of the report delivery because of the late achievement of the action B.1.1. However, the completion of this sub-action (B.1.2) started before the end of the action B.1.1 and is already well advanced. The proposed comparative evaluation of the applied (W)EEE re-use methodologies based on the utilization of the “Likert Scale” technique. This technique is widely applied for the extraction of comparative results that are derived from both quantitative and qualitative parameters. The parameters and features have been extracted from the methodologies and the quantifiable weighting factors and levels of preference are in discussion (until the end of November) both between the project partners and the RREUSE WEEE working group. The corresponded deliverable of sub-action B.1.2 is in draft version, available upon request, and will be finally delivered in January 2018.

Sub-action B.1.3 referred to the development of the integrated methodology for re-use and preparing for re-use of WEEE measurement does not fall in the reporting period of the **MTR**.

Delays

As described above, some delays were faced in the action B.1.1 which are resulting in delays for action B.1.2. RREUSE and the partners had to send several reminders and take advantage of some events which occurred after the foreseen date to get some more answers (like for e.g. the annual meeting of WEEE-Fora). The amount of data asked from the respondents was also quite detailed and probably discouraged potential respondents to fill in the questionnaires. The delay was also linked to a late additional clarification to the questionnaire in the categories of waste collected and re-used in April 2017. RREUSE had to wait for former respondents to answer to this additional question.

An online Google Form was created to try to facilitate the collection of data, but it ended up being not very effective. The sending of reminders was proven to be the most effective way to collect new answers.

Comparison with established targets

Indicators of Progress	Target	Achievement	Comments
Recording of current re-use measurement methodologies through questionnaires and interviews	<i>Questionnaires and interviews representing 200 reuse stakeholders</i>	Responses: <ul style="list-style-type: none"> • A.1 & B.1 integrated: 18 representing 331 reuse centers • B.1 PROS: 5 • B.1 Local 2 • 4 interviews 	The action is still in progress. Data was collected till 6/2017.
Determination of ideal measurement methodology	6 methodologies will be investigated	24 methodologies are investigated	
Implementation of methodology	1 tool development	3/2019	

Table 2 Achievements of Action B.1 within the reporting period.

Deliverables within reporting period	FORESEEN	ACTUAL/ ANTICIPATED
10.2.5 B.1 Del Inventory of existing calculation methods of reuse and preparation for re-use of WEEE	3/2017	6/2017
comparative analysis report of existing calculation methods of reuse and preparation for re-use of WEEE	9/2017	1/2018

Supporting documents within the reporting period are Annexed as 10.2.6 – 10.2.7

Action B.2: Consultation Fora development

Foreseen start date: January 2016

Actual start date: January 2016

Foreseen end date: June 2019

Actual (or anticipated) end date: June 2019

Status: In progress

Progress

This Action is ongoing and progresses according to the foreseen timetable. GF is responsible for the overall coordination and implementation of this action, with the contribution of all beneficiaries based in Greece. Five (5) Consultation Fora (2 Thematic Consultation Fora (TCF) and 3 Open Consultation Fora (OCF)) have been implemented until the submission of the **MTR**.

More specifically:

The 1st TCF was organized at Harokopio University facilities on 14/06/2016, in the context of sub-action B.6.1. The main topic of discussion involved technical issues on the development of the EEE exchange/donation platform. Therefore, representatives of all project beneficiaries, the IT team of Harokopio University, experts topics related to WEEE preparing for reuse and actual reuse of EEE and representatives of Social Economy areas (providing examples on good EEE reuse practices through teleconference), participated in the Fora. The relevant minutes are submitted as Annex 10.2.9 B.2 Minutes of 1st Thematic Consultation Fora and are also included in Annex 10.2.8 B.2 Del 1st Annual report on the Consultation Fora of the **MTR**.

The 1st OCF was held on 20/07/2016 at GF facilities. Before the Fora implementation, an informative letter (submitted as Annex 10.2.10 B.2 Municipalities informative letter) concerning LIFE RE-WEEE short description and information about the 1st OCF organization, was delivered to all Municipalities of the 2 regions of interest (Attica and Central Macedonia). The Fora topics covered general information on the LIFE RE-WEEE project and information regarding the future launch of the call of interest for the selection of the Municipalities where

the first two (2) WEEE Sorting Centers will operate. More than 90 stakeholders from 48 different organizations participated in this Fora. The relevant minutes are submitted as Annex 10.2.11 B.2 Minutes of 1st Open Consultation Fora and are also included in Annex 10.2.8 B.2 Del 1st Annual report on the Consultation Fora of the **MTR**.

The 2nd OCF was held on 22/09/2016 in Nea Triglia Chalcidice. 113 stakeholders from 58 different organizations participated in this Fora. The topics of the Fora were related to information regarding the future launch of the call of interest for the selection of the Municipalities where the SCs will operate, were presented to the Municipalities of Central Macedonia region. The relevant minutes regarding this Fora are submitted as Annex 10.2.12 B.2 Minutes of 2nd Open Consultation Fora and are also included Annex 10.2.8 B.2 Del 1st Annual report on the Consultation Fora of the **MTR**.

The 3rd OCF was held on 10/03/2017 at GF facilities. 87 stakeholders from 44 different organizations participated this Fora. The aim of the Fora was the detailed presentation of the tender procedure for the selection of the Municipalities that the SCs will be hosted. Mrs Banti, EU DG ENV Policy Officer – WEEE also participated in the event by presenting the European Policy principles concerning WEEE treatment and Circular Economy. The relevant minutes regarding this Fora are submitted as Annex 10.2.13 B.2 Minutes of 3rd Open Consultation Fora of the **MTR**.

The 2nd TCF was held on 14/07/2017 at Harokopio University facilities in the context of sub-action B.6.1, with the goal to present the EEE exchange/donation platform (purpose and operation) to non-profit organizations and organizations with an active role in social economy (Sub-action B6.1). Nineteen (19) stakeholders corresponding to eight (8) public and private bodies participated in this Fora. The relevant minutes are submitted as Annex 10.2.14 B.2 Minutes of 2nd Thematic Consultation Fora of the **MTR**.

The progress indicators regarding the implementation of all the Fora are included in Table 3 Achievements of Action B.2 within the reporting period **Σφάλμα! Το αρχείο προέλευσης της αναφοράς δεν βρέθηκε.** of the **MTR**.

This action is expected to progress smoothly throughout the project’s implementation and according to the foreseen to the Grant Agreement timetable.

Delays

No delays have been recorded during the implementation of Action B.2.

Comparison with established targets

Indicators of progress (Open Consultation Fora)	Target	Achievement	Comments
Number of registrations received before each “Open Consultation Fora”.	30 registrations	1 st “Open Consultation Fora” (121) 2 nd “Open Consultation Fora” (58) 3 rd “Open Consultation Fora” (93)	The target to this indicator has been achieved to all 3 “Open Consultation For a” up until the date of this report.
Number of participants in each “Open Consultation Fora”.	30 participants	1 st “Open Consultation Fora” (90) 2 nd “Open Consultation Fora” (113) 3 rd “Open Consultation Fora” (87)	The target to this indicator has been achieved to all 3 “Open Consultation For a” up until the date of this report.
Number of different bodies participated in each “Open Consultation Fora”.	20 different bodies	1 st “Open Consultation Fora” (48) 2 nd “Open Consultation Fora” (58) 3 rd “Open Consultation Fora” (44)	The target to this indicator has been achieved to all 3 “Open Consultation For a” up until the date of this report.
Indicators of progress (Thematic Consultation Fora)	Target	Achievement	Comments

Number of invitations sent before each “Thematic Consultation Fora”.	20 invitations	1 st “Thematic Consultation Fora” (20) 2 nd “Thematic Consultation Fora” (21)	The target to this indicator has been achieved to all 2 “Thematic Consultation Fora” up until the date of this report.
Number of participants to each “Thematic Consultation Fora”.	15 participants	1 st “Thematic Consultation Fora” (18) 2 nd “Thematic Consultation Fora” (19)	The target to this indicator has been achieved to all 2 “Thematic Consultation Fora” up until the date of this report.

Table 3 Achievements of Action B.2 within the reporting period.

Deliverables within reporting period	FORESEEN	ACTUAL
10.2.8 B.2 Del 1 st Annual Report on the Consultation Fora	12/2016	12/2016

Supporting documents within the reporting period are Annexed as 10.2.9 – 10.2.14

Action B.3: Mapping WEEE reuse and preparation for reuse practices and initiative in Greece

Foreseen start date: July 2016

Actual start date: July 2016

Foreseen end date: June 2018

Actual (or anticipated) end date: June 2018

Status: In progress

Progress

Action B.3 is in progress according to the foreseen timetable. HUA is responsible for this Action implementation. Up to September 2017, the LIFE RE-WEEE consortium was tasked with the preparative and data collection activities, which will facilitate the smooth development and completion of Sub-actions B.3.1 and B.3.2.

More specifically, the following activities were conducted:

- Available databases regarding EEE reuse and WEEE preparing for reuse in Greece are being investigated. A desk-study for the data sources relevant to the WEEE amounts in relation to the economic crisis in Greece, has started.
- A contact database was developed. The database contains contact information about stakeholders of the EEE reuse and WEEE preparing for reuse sector, which could provide data for the elaboration of the reports (Deliverables of March 2018 and June 2018). The majority of the listed stakeholders are affiliated partners of ECYCLE. ECOREC has expanded the database with organisations developing social initiatives.
- A questionnaire (please refer to Annex 10.2.15 B.3 Questionnaire) was developed to facilitate the collection of reliable data from stakeholders (listed in the aforementioned database). More specifically, in June 2017, EC (contact persons: Maria Banti and Jiannis Kougoulis) brought the LIFE RE-WEEE project in primary contact with Deloitte (contact person: Andreas Mitsios) to investigate the potential of a synergy regarding the collection of data in Greece, as Deloitte also conducts a (wider) research on reparability. This contact resulted in the development of an integrated questionnaire, which facilitates both studies.
- Up to September 2017, the questionnaire was sent (through e-mail/fax) to over 150 affiliated partners of ECYCLE. HUA, ECYCLE and GF collected and analysed the filled-in questionnaires. The questionnaires will be distributed to all stakeholders of the developed database, by the end of December 2017.

Delays

No delays have been performed during the Action implementation

Comparison with established targets

Indicators of Progress	Target	Achievement
A report about WEEE reuse and preparation for reuse practices and initiatives in Greece	3/2018	In progress (A list of potential interviewees has been developed / A questionnaire has been developed and distributed)
A report about the impact of the deep economic crisis in Greece on the WEEE generation	6/2018	In progress (A list of potential interviewees has been developed / A questionnaire has been developed and distributed/ A desk-study has started)

Table 4 Achievements of Action B.3 within the reporting period

Deliverables within reporting period

No deliverables are foreseen for the reporting period

Supporting document within the reporting period is Annexed as 10.2.15

Action B.4: Development of specifications and technical requirements for the entire “preparing for reuse” cycle

Foreseen start date: January 2016

Actual start date: January 2016

Foreseen end date: December 2018

Actual (or anticipated) end date: December 2018

Status: In progress

Progress

Action B.4 is in progress within the foreseen timetable. HRA is responsible for this Action implementation, with the contribution of ECYCLE, RREUSE, ECOREC and HUA. Action B.4 is divided in three sub-actions, with only sub-action B.4.1 to fall under the reporting period. A research for data collection was conducted in order the 1st issue of specifications and technical requirements for collection, transfer, sorting and storage of WEEE to be drafted (Annex 10.2.16 B.4 Del 1st issue of specifications and technical requirements for collection, transfer, sorting and storage of WEEE). The specifications development was based on European standards (CEN-CENELEC as the main document and WEEE Labex as a supplementary document) along with current Best Available Techniques (BAT) and developed specifications in other European countries (PAS, OVAM, Wrap). HRA proceeded in the corresponding standards purchase, in order to collect information for the development of the 1st issue of requirements. For the specifications drafting, Project Team took into account the parameters of Greek situation, since for the first time requirements concerning preparing for re-use procedures are being developed. In addition, the second deliverable concerning the process relating to the preparing for the re-use of WEEE (Annex 10.2.17 B.4 Del General Issue of specifications of preparing for re-use stage of WEEE) was prepared taking into consideration the European Standard CEN-CENELEC and data already collected in the previous stage (developed specifications in other European countries, developed or under submission European standards, Best Available Techniques) as well as the material prepared in the former deliverable (Annex 9.2.16 B.4 Del 1st issue of specifications and technical requirements for collection, transfer, sorting and storage of WEEE). The aim was to develop the framework concerning the technical requirements for the preparing for re-use process, taking also into account the European and Greek legislation. Furthermore, the preparation of the five (5) specific issues of specifications of preparing for re-

use stage for all WEEE categories (except lamps) is in progress and a draft version is available upon request.

HRA cooperated closely with ECYCLE, taking into consideration the recommendations of the rest of the partners. This includes many meetings that took place between HRA and ECYCLE, as well as round table discussions and skype meetings with all the partners.

Since RREUSE experience in preparing for re-use procedures is very important, an executive summary of under-development requirements was prepared by HRA, in order RREUSE to could contribute in the deliverable preparation.

A problem addressed was the translation and performance in Greek of English terminology, so that to not overlap or being confused with the existing Greek legislation terminology. This problem was solved upon discussions among the partners by consulting current National Legislation. Furthermore, another problem occurred was the end of the cooperation with the former additional staff who was part of the project team and seriously involved in the preparation of the deliverables. The situation caused the delay in delivery of the following deliverable “5 specific issues of specifications of preparing for re-use stage for all WEEE categories (except lamps)”. The problem was resolved by concluding a contract with a new external assistant, following the relevant administrative and legal procedures of HRA.

Delays

The required administrative and legal procedures of HRA in order to replace the external assistance caused the delay in delivery of the deliverable “5 specific issues of specifications of preparing for re-use stage for all WEEE categories (except lamps)”. The preparation of the issues is in progress and is expected to be completed within the next two months. The delay is not expected to affect the proper implementation of the project, as the specific issues are going to be completed with only a short delay and will be available in order to be used in Action B.5 during the implementation of Sorting Centers.

Comparison with established targets

Indicators of Progress	Target	Achievement
An issue of specifications and technical requirements for collection, transfer, sorting and storage of WEEE	9/ 2016	Delivered
A general issue of specifications of preparing for re-use stage of WEEE	6/ 2017	Delivered
5 specific issues of specifications of preparing for re-use stage for all WEEE categories (except lamps)	9/2017	In progress
Assessment of implemented specifications in SCs	9/2018	-
Completion of legislative provisions	12/2018	-

Table 5 Achievements of Action B.4 within the reporting period

Deliverables within reporting period	FORESEEN	ACTUAL/ ANTICIPATED
10.2.16 B.4 Del 1st issue of specifications and technical requirements for collection, transfer, sorting and storage of WEEE	9/2016	11/2017
10.2.17 B.4 Del General issue of specifications of preparing for re-use stage of WEEE	6/2017	9/2017
5 specific issues of specifications of preparing for re-use stage for all WEEE categories (except lamps)	9/2017	11/2017

Action B.5: Design, development and operation of WEEE Sorting Centers

Foreseen start date: April 2016

Actual start date: March 2016

Foreseen end date: June 2019

Actual (or anticipated) end date: June 2019

Status: In progress

Progress

ECYCLE is responsible for this Action implementation and all partners contribute to the progress. Action B.5 is divided into 6 sub-actions:

Sub-action B.5.1 is referred to the development of the SCs Management Plan, started on March 2016 by collecting information firstly about authorization and spatial planning issues of facilities such as WEEE sorting center. This research also included the definition of the following topics, according to the approved proposal:

- SCs capacity
- Workplaces requirements
- WEEE categories that the SCs will manage
- Resources of income WEEE to the SCs
- Proper activities for the SCs operation
- Specifications of the WEEE collection bins (containers)

In detail, HRA and ECYCLE proceeded in the determination of spatial specifications within the period time of March – July 2016, in order to be presented at the 1st Open Consultation Fora (see Action B.2). The Project Team faced legislative constraints concerning the SCs authorization. The current National legislation puts restrictions in the settlement of waste management facilities (collection, sorting, storage, treatment, disposal etc.), such as SC, outside the districts of the defined Urban Plan, according to PD 31/1985, or inside industrial areas according to PD 166 D/1987. In the context of the development of spatial planning framework of Green Recycling Centers, communications between HRA, as representative of the LIFE RE-WEEE Project, and the General Secretariat for Regional Planning and Urban Development of Ministry of Environment and Energy (“YPEN”) took place, in order the SCs to be allowed settled down within the Urban Plan’s districts, combined with Green Recycling Centers or in adjacent sites (the proposal for SCs spatial framework is submitted as Annex 10.2.26 B.5 Proposal for SCs spatial framework – e-mail). Due to the additional activities that take place in SCs (e.g. storage), the SCs operation could not be included in a common spatial framework with the Green Recycling Centers. Therefore, ACG decided to proceed according to the current Legislation restrictions, in order to accelerate the procedure for SCs development. However, the Project Team continues to make efforts for the spatial planning framework of SCs under cooperation with the General Secretariat for Regional Planning and Urban Development of YPEN, to facilitate the development of more SCs, out of the Project frame, in the wide region of Greece.

Moreover, environmental authorization restrictions set by the National Legislation were not fixed by the start of the project. The Project Team, represented by HRA, proceeded in amendment proposal of the M.D. 1958/2012 concerning authorization issues of SCs, in order to be included in the current legislative framework. HRA is supervised by YPEN. With the cooperation of the Department of Recycling and Alternative Management of YPEN, through oral communications mainly, issued modifications for the M.D. 1958/2012 to the Department of environmental authorization of YPEN. The final proposal (Annex 10.2.27 B.5 Final proposal

for MD 1958/2012 modification – e-mail) was sent on 1/6/2016. According to M.D. 1958/2012 amendment, which entered into force on 10/8/2016 by M.D. 37674/2016 (ΦΕΚ 2471/Β/10-8-2016) (Annex 10.2.28 M.D. 37674/2016 (ΦΕΚ 2471/Β/10-8-2016) *Σφάλμα! Το αρχείο προέλευσης της αναφοράς δεν βρέθηκε.*), SCs included in the Group 4 "Environmental Infrastructure Systems" as "Sorting Centers of Electrical and Electronic Equipment (WEEE) - Including facilities for preparing for reuse of WEEE (category “9γ”).

Sub-action B.5.2 includes the conduction of the call of interest for the Municipalities selection that the two (2) SCs will operate and the tender procedure for the contractors' selection that will manage and operate the two (2) SCs as well.

Before the call of interest launch by the GF, the project team faced barriers concerning the definition of the required specification of the SCs infrastructures. Within the implementation of the 1st Consultation Fora (20/7/2016), the Project Team addressed constrains by Municipalities side that participated in the Fora (Action B.2), concerning the availability of infrastructures of suitable properties that are in compliance with the current Legislation and meet the defined specifications, in order to take part at the tender procedure. Although seven (7) Municipalities had declared interest by sending supporting letters at the submission phase of the proposal (submitted at the “Attachments” of the LIFE RE-WEEE proposal), the Political Will to approve the participation of the Municipalities to the call of interest and commitment for the infrastructure providing was a very lengthy procedure. As it was described at the Action B.2, Municipalities of the Attica and Central Macedonia region were firstly informed for the LIFE RE-WEEE Project by an informative letter (Annex 10.2.10 B.2 Municipalities informative letter). Afterwards, visits to Municipalities of Attica and Central Macedonia (Annex 10.2.29 B.5 Municipalities visits) that have already declared interest for the SCs' settlement within their boundaries, took place by representatives of all Beneficiaries, for detailed information regarding the spatial planning required specifications within the period time of July – November 2016. Visits of contingent available properties took place as well, in order ECYCLE to proceed in modifications of the SCs technical specifications according to Greek conditions. Informative technical material was sent to Municipalities when it was required, before the visits. An evaluation document was developed in parallel for the recording of available properties and the Municipalities declaration of interest, in order to facilitate in current situation assessment and the proposal of alternative solutions by the ACG. At the same time, the Project team proceed in extensive market research through brokers, to facilitate the definition of SCs' facilities technical specifications. The ACG suggested as alternative solutions the providing of leasing infrastructures by an individual or partnership of Municipalities. Moreover, ACG made efforts in order the regions of Attica and Central Macedonia and “EDSNA” (“ΕΔΣΝΑ”), association of solid waste management of Attica, to contribute to SCs operation and support LIFE RE-WEEE project (Annex 10.2.30 B.5 List of meetings and correspondence with Regional Authority representatives).

The QA/QC Group, based on the draft Management Plan (at the topics as mentioned above), defined the SCs' technical specifications of the informative issue, in order to be included at the call of interest issue by the GF. SCs technical specifications were based to a significant extent to existing industrial buildings specifications, as these are defined by the National building and planning legislation and after the extensive market research through brokers, as well, by the Project team.

Afterwards, an ACP meeting was held to define the final evaluation criteria for the assessment of the available areas that comply with the current legislation restrictions. During this meeting, an Advisory Scientific Committee (ASC) was recommended by representatives of each beneficiary, except the GF. This Committee role was to support, if necessary, the Evaluation Committee of GF concerning technical issues for the SCs siting and operation, in the case it is

decided by the Green Fund internal procedures. The final informative issue of SCs technical specifications (Annex 10.2.24 B.5 Issue of infrastructure and operation technical requirements of SCs), was submitted to the GF Board of Directors (BoD) on 12/12/2016, followed by the proposed evaluation mechanism system (Annex 10.2.25 B.5 Evaluation mechanism system), through a “rapporteur letter” by ASC. GF BoD approved the proposed informative issue and evaluation criteria, following the internal procedure of GF and the call of interest announcement took place on 20/2/2017, after publication at the websites of GF, YPEN and LIFE RE-WEEE (Annex 10.2.18 B.5 Del Call of Interest by GF (including the Annexes of the call) and Annex 10.2.19 B.5 Del GF BoD Decision for the call announcement). The Evaluation Committee of GF assumed full responsibility for the final form of the informative issue. The deadline for the proposals submission was firstly set on 10/4/2017.

After the tender announcement, the 3rd Open Consultation Fora (Action B.2) was held on 10/3/2017. All the Municipalities of the two regions were invited in order to be informed in detail regarding their participation in the call of interest.

Due to the fact that there was no proposal submission till 5/4/2017 and after official requests to the GF for tender prolongation by 3 Municipalities, (consortium of Kifissia-Dionysus, Piraeus, and Thessaloniki), the BoD of GF decided on 7/4/2017 and announced on 10/4/2017 a tender prolongation for a period of one (1) month (Annex 10.2.20 B.5 Del GF BoD decision for tender prolongation). The new deadline of the proposal submission was set on 10/5/2017.

By the end of the 1st phase tender deadline, five (5) Municipalities and one (1) consortium of Municipalities submitted their proposals, as listed below:

Attica region:

- ✓ Consortium of Kifissia – Dionysus

Central Macedonia region:

- ✓ Ampelokipoi - Menemeni
- ✓ Oraiokastro
- ✓ Pella
- ✓ Thessaloniki
- ✓ Volvi

The evaluation procedure of the 1st phase for the submitted proposals completed by the Evaluation Committee on 30/5/2017 (Annex 10.2.21 B.5 Del 1st Evaluation Phase results by GF Evaluation Committee) and the results were published at the websites of GF and LIFE RE-WEEE project. All the above listed Municipalities, except Volvi, met the required criteria of the 1st phase of the tender and were invited to submit the corresponding justifications of the 2nd phase according to the Call of Interest. The 2nd evaluation report by the Evaluation Committee of the GF was announced on 12/07/2017 (Annex 10.2.22 B.5 Del 2nd Evaluation Phase results by GF Evaluation Committee). More details regarding the technical reports submitted by the Municipalities during the 2nd phase of the tender procedure have been asked to be submitted till 21/7/2017. The final results of the evaluation procedure were announced by the GF on 31/7/2017 (Annex 10.2.23 B.5 Del Evaluation Phase final results by GF BoD) and were available on the GF and LIFE RE-WEEE websites. The 1st WEEE SC will operate in the Municipality of Oraiokastro for the case of the Central Macedonia region garnering the highest rating within the evaluation procedure.

The tender procedure ended with no result for the case of the Attica region. To address the emerged constraint, the project team, after the guidance of the Monitoring Team Auditor, Mrs. Papageorgiou, at the meeting of 13/7/2017, sent a letter to the Project Adviser of EASME on 25/7/2017 with Protocol No 11494 (Annex 10.1.4 Letter to EASME_ alternative senario_action B.5 implementation_Pr. No 11494/25-07-2017), detailed a proposed alternative scenario as followed: An integrated tender procedure for the operation of the SC in the Attica region

through the selection of a combined contractor – infrastructure scheme, conducted by “Appliances Recycling S.A.”. The implementation of the proposed scenario was successfully approved by the Project Adviser, Mrs. Anna Natasa Asik, on 27/7/2017 (Annex 10.1.5 Approval by EASME of letter “Pr. No 11494/25-07-2017”_email). The project team started to work on the development of separate informative issues for the two tenders for contractors’ selection (one for each region of interest), in order to be conducted in parallel.

The tenders for the contractors’ selection for the SCs operation will be announced in November 2017 by “Appliances Recycling S.A.” and will be available on the websites of ECYCLE and LIFE RE-WEEE. The tenders will be conducted according to the internal regulations of the Coordinator (Procurement Regulation of “Appliances Recycling S.A.”) and in compliance with the LIFE programme Common Provisions and National legislation. The duration for the proposals submission will be set for one (1) month and afterwards, the evaluation procedure will be implemented within December 2017. The three-member Evaluation Committee (Technical and Financial Committee) of “Appliances Recycling S.A.”, consisted by the Managing Director, the Financial Manager and the Technical/Environmental Manager of the company will proceed in the evaluation procedure of the candidate contractors, according to the evaluation mechanism developed by “Appliances Recycling S.A.”. The Evaluation Committee will award the contract to the tender offering best value for money. For the project’s needs, an Advisory Scientific Committee (ASC) will be recommended by representatives of each beneficiary. The ASC role is to support, if necessary, the Evaluation Committee of “Appliances Recycling S.A.”, concerning technical issues for contractors’ selection. The two SCs will be fully operated in March 2017. The construction correction activities that the infrastructures of the Municipality of Oraiokastros for the operation of the SC need, are not crucial and will not delay the beginning of the SC operation.

The initial agreement regarding the procurement of equipment and consumables by the GF, based on the GA, has already been signed between the Municipality of Oraiokastros and the GF in September 2017. The project’s ASC will determine and recommend to the GF the equipment and consumables needed for the operation of the Oraiokastros WEEE SC, after the selection of the contractors, in order to assess the deficiencies of the infrastructures and to cover the needs for the proper operation of the SC. The initial agreement between GF and the Municipality of Oraiokastros will be then revised and re-signed by the two parties, in order to initiate the procurement process. Approximately 2.5 months from the initiation of the process are needed for the procurement of the relevant consumables and equipment by the GF.

Sub-action B.5.3 concerns the installation and operation of SCs according to the defined specification and requirements. This sub-action does not fall within the reporting period.

In the context of **sub-action B.5.4**, educational activities to SCs will take place for the proper management practices concerning WEEE preparing for re-use procedures. This sub-action includes the preparation of handbooks for good practices of WEEE management. These handbooks were expected on 9/2017. However, the handbooks are still under development, since the conduction of the open tenders for the contractors’ selection is ongoing. It is estimated that the handbooks will be delivered by the end of November.

Finally, **Sub-actions B.5.5 and B.5.6** that will be implemented after the SCs operation, concern public and stakeholder information regarding the operation of the SCs and relative issues to WEEE prevention and proper WEEE management procedures.

Delays

The launched of call of interest for the Municipalities selection concerning SCs siting deviates from the scheduled timetable by 5 months. This deviation is due to the Legislative restrictions or lack of legislative framework regarding SCs authorizations issues. These parameters had

impact to the available properties of Municipalities, in order to be in compliance to National Legislation. Moreover, the responding time by the Municipalities in order to declare their interest concerning their participation in the LIFE RE-WEEE project and the call of interest by GF depended on the level of their Political Will and this for the majority takes long time. Moreover, due to the National Legislation restrictions, determination of the evaluation criteria and SCs spatial specifications were also delayed. According to internal procedures of GF, a period time of 2 months was required for the approval of the evaluation mechanism system, proposed by ASC.

Moreover, due to lack of submitted proposals during the tender procedure, BoD of GF decided to prolong the tender deadline for one (1) month, taking into account the official requests for tender prolongation by some Municipalities of interest.

The fact that the Municipalities' tender had no results for the case of Attica region, led the Project team to find an alternative scenario for the operation of the SC in Attica and request the approval by the Project Adviser of EASME.

The above deviation by the foreseen timetable, resulted in seven (7) months delay of the announcement of the tender procedure for the contractors' selection. This delay is not expected to affect the proper implementation of the project, neither the SCs operation, since the two SCs will be fully operated in March 2017. The qualitative and quantitative objectives of the GA are not affected, since "Appliances Recycling S.A." ensures the transport of the targeted quantity of WEEE (1.500tn/year of WEEE) to the two SCs, through the company's affiliated network. Moreover, the faced barriers led the project team to overcome the relevant constraints and pave the way for the settlement and operation of facilities relevant to sorting centers for WEEE, and all the waste streams as well.

Comparison with established targets

Indicators of Progress	Target	Achievement
Development and demonstrative operation of two SCs	Development and operation of 2 SCs till 1/2018	<ul style="list-style-type: none"> • Conduction of call of interest for Municipalities selection. • Results on Central Macedonia region for SC operation (Municipality of Oraiokastro) • Development of technical issues for the contractors' selection tender

Table 6 Achievements of Action B.5 within the reporting period

Deliverables within reporting period	FORESEEN	ACTUAL/ ANTICIPATED
10.2.18 B.5 Del Call of Interest by GF (including the Annexes of the call) 10.2.19 B.5 Del GF BoD Decision for the call announcement 10.2.20 B.5 Del GF BoD decision for tender prolongation 10.2.21 B.5 Del 1st Evaluation Phase results by GF Evaluation Committee 10.2.22 B.5 Del 2 nd Evaluation Phase results by GF Evaluation Committee 10.2.23 B.5 Del Evaluation Phase final results by GF BoD	Announcement: 9/2016	Announcement: 2/2017
Final Management plan for each SC	2/2017	In progress and continuously updated Anticipated by the beginning of SCs operation

Technical issues for contractors' selection	3/2017	11/2017
Handbooks for good practices of WEEE management	9/2017	11/2017

Milestones within reporting period	FORESEEN	ACTUAL/ ANTICIPATED
Announcement of Call of Interest for Municipalities selection	9/2016	2/2017
Announcement for contractors' selection	3/2017	11/2017
Permittance for SCs operation	6/2017	1/2018
Beginning of construction activities at the SCs infrastructures	8/2017	1/2018

Supporting documents within reporting period are Annexed as 10.2.24-10.2.35

Action B.6: Promotion and support of the WEEE prevention culture in Greece

Foreseen start date: April 2016 **Actual start date:** March 2016
Foreseen end date: December 2018 **Actual (or anticipated) end date:** December 2018
Status: In progress

Progress

Action B.6 is in progress as foreseen to the timetable. ECOREC is responsible for the overall Action implementation, with the contribution of all partners. Action B.6 is divided to two (2) sub-actions:

Sub-action B.6.1: design and development of a collaborative web-based platform for EEE donation and exchange

This Sub-action was set to be advanced by HUA in two stages, corresponding respectively to Activities B.6.1.1 and B.6.1.2. The first stage, which concerned the design and development of the LIFE RE-WEEE platform was completed, while the second started in April 2017 and is still in progress as anticipated.

The first step for the implementation of B.6.1.1 was the requirements and design analysis of the collaborative web-based platform, which consisted a milestone of the Project (Annex 10.2.36 B.6 Mil Analysis of platform requirements). The milestone was achieved in June 2016, as anticipated. In order to define the requirements of the collaborative platform, the consortium of the Department of IT and Telematics (HUA) investigated the existing platforms for goods/service exchange and donation, and contacted the coordinators of the project partners, the members of the management teams of LIFE RE-WEEE and experts on EEE and WEEE. Last, but not least, the consortium suggested a Thematic Consultation Fora regarding platforms, in the framework of Action B.2, which took place at 14/6/2016 (Annex 10.2.9 B.2 Minutes of 1st Thematic Consultation Fora in Action B.2). A report with the outcomes of the analysis was delivered to the coordinator in the end of June 2016.

In short the aforementioned requirement analysis report presents:

- The aim of the platform, and its use on an individual or society level,
- The methodology that will be used in order to enhance and implement the concept of exchange and donation,
- Description of the user interface, and the platform-user interaction,
- Basic user requirements, and
- The platform's functionality (i.e. the services that are to be provided to users, a user-role categorization and the available categories of EEE).

After the completion of the requirements analysis, HUA was tasked with the development of the platform architecture, which consisted of two distinctive parts: 1) the main web platform with which the external users will interact, and 2) an administrator console accessible solely to the platform's administrator(s). Both parts are designed and developed with Python language standards through the use of the Django framework.

The pilot collaborative platform was delivered in April 2017, which is a month later than anticipated. This delay was due to the inclusion of an extra feature that will facilitate the statistic analysis of the collected data. In specific, a “background” codification of the registered and exchanged EEE (i.e. invisible to the users), was created. The codification is based on the 6 new WEEE categories of the EU Directive 2012/19/EU and the UNU-codes, which are the most common methods of WEEE designation, and will facilitate the extraction of a detailed report on the EEE exchange activity of the platform. This short delay did not have a negative impact on the LIFE REWEEE project implementation. Within the proposal, the platform was intended to be developed only in Greek, the project consortium decided to develop it in English too.

Activity B.6.1.2 started in April 2017, following the development of the platform, and it is in progress as anticipated. It concerns the pilot implementation, testing and improvement of the platform. Within the framework of this activity, the project consortium suggested the organisation of a Thematic Fora, aiming at the presentation of the platform to non-profit organisations and/or organisations with active role in social economy. The meeting was organised on 14 July 2017 (Annex 10.2.14 B.2 Minutes of 2nd Thematic Consultation Fora in Action B.2). The feedback of the participants is being “embodied” to the platform. Therefore, the final version of the platform will be completed and delivered a month later, in November 2017. This delay has no impact on the project implementation. At this point, it is worth mentioning that the platform is anticipated to be revised 6 and 9 months after its completion (please refer to the Indicators of progress, Technical Part).

Sub-action B.6.2: Implementation of six “Learn to Repair Events”

The first repair event is scheduled for December 2017. However, several actions have been taken within the context of this sub-action. Namely, in June 2016, a meeting with RREUSE and ECOREC was held with the “REPAIR CAFÉ” foundation's president and Director to discuss synergies between the events to be held in Greece and Repair Cafés' model, as well as the tools available in Greek to attract a wider use. As well, several discussions were held with the “ΑΝΑΚΥΚΛΩΣΗ ΣΤΗΝ ΠΗΓΗ” (“Recycling at Source”), a social enterprise from Patra that has implemented the first Repair Café in Greece in the last year. The project has collected initial data from these events to see what type of EEE were the ones most brought to the events. Furthermore, contact was also made with the “Restart Project” which promotes “pop-up parties” for electronics repair events. Parameters were used to narrow down the repairs that would be presented in the Quick Repair Guide. Selection is based on 1) common repair needed 2) safe repair for a layman to conduct 3) repairable with standard household toolkit (i.e. No specialized tools or spare parts needed). The IT section of the guide focused on repairs related to PC, laptop, screen, portable hard drive, Tablet – Smartphone, power cable, remote control, earphones and router.

Delays

The final version of the platform will be completed and delivered a month later than anticipated (i.e. November 2017), as to be improved upon the remarks of social – active and non – profit organisations. This delay will have no negative impact on the project implementation.

The Quick Repair Guide deliverable has been delayed. Although the repairs regarding IT equipment were collected, recorded and written, there has been difficulties completing the sections regarding common, repairable, do it yourself (DIY) repairs of small household

electrical equipment. The primary reason is that the electricians contacted are fearful that by providing this information it will lose them business, although in cases where this has happened abroad it has increased business by having consumers turn to the option of repair when it is a more difficult repair or a spare part is needed. Larger companies will not do it as this is against their service contract with manufacturers. If this obstacle is not overcome by December 2017, we will pool the repairs from the repair cafes and the electricians hired by the project for the repair cafes will conduct the repairs for the guide. This delay does not affect any other action.

Comparison with established targets

Indicators of Progress	Target	Achievement
Requirements and design analysis of the collaborative web-based platform	June 2016	Milestone completed
Completion of the pilot platform	March 2017	Milestone completed in April 2017
Refined platform	September 2017	Milestone will be completed by the end of November 2017
Quick Repair Guide	June 2017	It will be completed in December 2017 after the 1 st repair events (Deliverable)
Final platform	September 2017	November 2017 (Deliverable)

Table 7 Achievements of Action B.6 within the reporting period

Deliverables within reporting period	FORESEEN	ACTUAL / ANTICIPATED
Quick Repair Guide	6/2017	12/2017
Final implementation of the platform	9/2017	11/2017

Milestones within reporting period	FORESEEN	ACTUAL / ANTICIPATED
10.2.36 B.6 Mil Analysis of platform requirements	6/2016	6/2016
Completion of pilot implementation of the platform	3/2017	4/2017
Improvement and implementation of platform	9/2017	11/2017

C. Monitoring of the impact of the project actions

Action C.1: Monitoring and assessment of the Project progress and performance

Foreseen start date: January 2016

Actual start date: January 2016

Foreseen end date: June 2019

Actual (or anticipated) end date: June 2019

Status: In progress

Progress

This Action is in progress according to the foreseen timetable. ECYCLE is responsible for this action implementation, with the contribution of the QA-QC group of the project. To avoid the overlapping at the implementation of Action C.1 and E.2, and after discussion with Mrs. Papageorgiou, Monitoring Team Auditor, the project team redefined the description of the two actions (see also Action E.2). More specifically, within the Action C.1, assessment of environmental indicators of the project, the indicators defined at the corresponding milestone (dropbox) regarding the Actions B.2, B.4, B.5, B.6 and the overall environmental impact of the project take place.

In the context of sub-action C.1.1, the project team defined the environmental indicators (Annex 10.2.37 C.1 Mil Environmental indicators of implementation actions) concerning “B: Implementation actions”, based on the Project Specific Indicators that have been submitted at the GA.

Moreover, Project Specific Indicators, approved at the GA, were uploaded on the online data collection tool <http://life.idom.com>, according to European Union announcement. These indicators will be validated the end of the project, according to EC directions. The excel file document, extracted by the Idom platform, is submitted at the Annex 10.2.38 C.1 Project Specific Indicators – Idom.

The indicators were defined qualitatively, since the most important environmental indicators will arise by the development and operation of SCs that will start at 2018.

The environmental indicators of implementation actions and the impact of the Project progress is included at the Final deliverable report annexed as 10.2.39 C.1 Del 1st Annual assessment report of the Project impact of the **MTR**.

Delays

No delays have been performed during the Action implementation

Comparison with established targets

Indicators of Progress	Target	Achievement
Monitoring and assessment of Project Specific Indicators per year	6/2019	Definition of indicators
Maximizing of implementation actions results (B.2, B.4, B.5, B.6)	6/2019	

Table 8 Achievements of Action C.1 within the reporting period

Deliverables within reporting period	FORESEEN	ACTUAL
10.2.39 C.1 Del 1st Annual assessment report of the Project impact	12/2016	2/2017

Milestones within reporting period	FORESEEN	ACTUAL
10.2.37 C.1 Mil Environmental indicators of implementation actions	6/2016	6/2016

Supporting document within the reporting period is Annexed as 10.2.38

Action C.2: Evaluation of the social-economic and environmental impact of the Project

Foreseen start date: January 2017

Actual start date: January 2017

Foreseen end date: June 2019

Actual (or anticipated) end date: June 2019

Status: Not started

Progress

HUA is the responsible beneficiary for the implementation of Action C.2, while ECYCLE and ECOREC have a supportive role in the collection of the required data. As anticipated, the Action started in the 3rd semester of the project implementation (January 2017).

Action C.2 involves the assessment of the socio-economic and environmental impact of the project, through the methodologies of Socio-economic Life Cycle Assessment (S-LCA) and the

Environmental Life Cycle Assessment (E-LCA), respectively. The methodologies will be performed through the utilization of the proper LCA software (EASETECH and SimaPro). Overall, Life Cycle assessment methodologies advance in four subsequent stages: 1. Goal and scope definition, 2. Life Cycle Inventory, Life Cycle Assessment, and 4. Interpretation of results. Up to September 2017, the first stage has been completed and the 2nd stage is in progress. The definition of the parameters framework for the conduction of both S-LCA and E-LCA was completed in March 2017, as anticipated. It was delivered to the Project Monitor Mrs S. Papageorgiou during the project visit of 5th of May 2017, and is Annexed with this report (MTR) as 10.2.40 C.2 Mil Social and Environmental LCA parameters.

More specifically, throughout the reporting period of time, the following activities per Sub-action have been performed:

Sub-action C.2.1: Assessment of the socio-economic impact of the project:

The framework of the parameters needed for the performance of the S-LCA, has been defined (please refer Annex 10.2.40 C.2 Mil Social and Environmental LCA parameters). The framework involves the definition/description of social impacts and the categorization of socio-economic indices, and the definition of “target” groups (e.g. employees, consumers, local community etc.).

Sub-action C.2.2: Assessment of the environmental impact of the project:

The framework of the parameters needed for the performance of the E-LCA, has been defined (please refer Annex 10.2.40 C.2 Mil Social and Environmental LCA parameters). The framework involves the definition/description of environmental impacts and the categorization of environmental indices, and the definition of “target” areas of protection (ecosystem, human health, and natural resources).

The assessment of the socio-economic and environmental impact of the project is proceeding smoothly and effectively.

Delays

No problems and consequently no delays have been encountered so far.

Comparison with established targets

Indicators of Progress	Target	Achievement	Comments
Report of S-LCA	June 2019	In progress	No delays are expected
Report of E-LCA	June 2019	In progress	No delays are expected

Table 9 Achievements of Action C.2 within the reporting period

Deliverables within reporting period

No deliverables are foreseen within the reporting period

Milestones within reporting period	FORESEEN	ACTUAL
10.2.40 C.2 Mil Social and Environmental LCA parameters	3/2017	3/2017

D. Public awareness and dissemination of results

Action D.1: Development and monitoring of the result dissemination strategy and of the communication plan

Foreseen start date: January 2016

Actual start date: January 2016

Foreseen end date: June 2016

Actual (or anticipated) end date: June 2019

Status: In progress

Progress

ECYCLE is responsible for implementation of this Action. Although the foreseen duration of Action D.1 was till June 2016, the status is indicated “in progress”, due to the fact that the Action progress indicators include the ensuring of proper implementation of dissemination actions throughout the Project duration and validation of Dissemination plan per year. This fact was approved by EASME at the letter of 2/5/2017.

In the context of this Action implementation, the logo of the Project was developed (submitted as Annex 10.2.42 D.1 Logo RE-WEEE), which was referred in every corresponding document to LIFE RE-WEEE, such as participant lists, presentations, reports, leaflets.

Additionally, the dissemination plan of the Project results was developed according to foreseen timetable and submitted revised as Annex 10.2.41 D.1 Del Dissemination plan and revised according to the actions that took place till the reporting period, including the overall relevant activities to disseminate the results of the Project and to inform public and the project’s stakeholders. To facilitate the dissemination activities of the Project, a database, including all categories of stakeholders (i.e. journalists, bodies and companies concerning WEEE management etc.), was developed (Annex 10.2.43 D.1 Mil Database of target – groups).

The description of the dissemination and promotion activities, as referred at the dissemination plan of the project, are detailed at the corresponding Actions D “Public awareness and dissemination of results”

Delays

The foreseen duration of the Action D.1 was set at GA till June 2016. There is a typical delay in publication of the 3 main communication messages. The Project team indicated the actual duration of this Action till the end of the Project and decided to promote these messages when the implementation of the Project is progressed, in order to be addressed in wider range of public.

Comparison with established targets

Indicators of Progress	Target	Achievement
Dissemination plan development	6/2016	6/2016
Dissemination plan revision per year	6/2019	revision 9/2017
Logo	6/2016	1/2016
Stakeholders database	6/2016	6/2016 (Dynamic list_revised)
3 main communication messages	6/2019	6/2019

Table 10 Achievements of Action D.1 within the reporting period

Deliverables within reporting period	FORESEEN	ACTUAL
10.2.41 D.1 Del Dissemination plan_revised	6/2016	6/2016

Milestones within reporting period	FORESEEN	ACTUAL
10.2.43 D.1 Mil Database of target – groups	6/2016	6/2016

Supporting document within the reporting period is Annexed as 10.2.42

Action D.2: Development and maintenance of the Project's website

Foreseen start date: January 2016

Actual start date: January 2016

Foreseen end date: June 2019

Actual (or anticipated) end date: June 2019

Status: In progress

Progress

ECYCLE is responsible for the implementation of this Action, which is in progress within the foreseen timetable and for the whole duration of the project. The [LIFE RE-WEE website](#) was developed and it is updated within the Project progress both in Greek and English version. Within the reporting period (January 2016 – September 2017), 17.166 views were reported at the corresponding Annex 10.2.45 D.2 Google Analytics report – LIFE RE-WEEE website, by 2.141 users. According to EASME guidance by the letter on 11/7/2016 after the 1st Monitoring Team visit, a registration path for the viewers was added at the home page of the LIFE RE-WEEE website, in order for the registered users to be informed of the project progress via e-mail. Moreover, a tab of "[policy issues](#)" was added, explaining how the project is related with and promotes the EU and national policy incentives for circular economy and waste prevention.

Delays

Website was uploaded at early March (delay period of 1,5 months), due to erroneous estimation of time that the external assistant needed to develop the website. This delay did not affect the proper implementation of the project.

Comparison with established targets

Indicators of Progress	Target	Achievement
Project website development and operation	6/2019	Website upload on March 2016 (website operation will be maintained for at least 5 years After LIFE, according to GA)

Table 11 Achievements of Action D.2 within the reporting period

Deliverables within reporting period	FORESEEN	ACTUAL
10.2.44 www.reweee.gr/en	1/2016	3/2016

Supporting document within the reporting period is Annexed as 10.2.45

Action D.3: Design and development of layman's report of the project

Foreseen start date: April 2019

Actual start date: April 2019

Foreseen end date: June 2019

Actual (or anticipated) end date: June 2019

Status: Not started

Progress

This Action is scheduled to be implemented the last trimester of the Project. Thus, it does not fall in the reporting period of the present report.

Action D.4: Development and installation of information banners of the Project

Foreseen start date: July 2017

Actual start date: July 2017

Foreseen end date: June 2019

Actual (or anticipated) end date: June 2019

Status: Not started

Progress

ECYCLE is responsible for this Action implementation. Two (2) informative banners (Annex 10.2.46 D.4 Del LIFE RE-WEEE banners) were designed from the beginning of the project, in order to be placed in all events (Annex 10.2.47 D.4 LIFE RE-WEEE banner_photos), organized by LIFE RE-WEEE team (i.e. 1st Press Conference of the Project, 1st Consultation Fora, Consultation Fora, Monitoring Team Audits). The two (2) updated and more technical informative banners will be developed when the selection of the SCs completed, in order to be placed in these facilities, before their operation.

Delays

No delays have been performed during the Action implementation

Comparison with established targets

Indicators of Progress	Target	Achievement
Project promotion through 2 informative banners	12/2017	Development of 2 general informative banners, used at the Project events
Project promotion through 10 informative posters	12/2017	December 2017

Table 12 Achievements of Action D.4 within the reporting period

Deliverables within reporting period	FORESEEN	ACTUAL
10.2.46 D.4 Del LIFE RE-WEEE banners	8/2017	4/2016

Supporting documents within the reporting period is Annexed as 10.2.47

Action D.5: Networking with other LIFE and/or other funding programs

Foreseen start date: January 2016

Actual start date: January 2016

Foreseen end date: June 2019

Actual (or anticipated) end date: June 2019

Status: In progress

Progress

This Action is ongoing and progresses according to the foreseen timetable. GF is responsible for the overall coordination and implementation of this action. All beneficiaries contributed in the development of a database containing relevant projects to WEEE management. So far the project's team has come into direct contact with a great number of projects as described in the following paragraphs. All contacts have been established through e-mails, web-meetings, participation and/or organisation of common events. An indicative list of networking activities can be found in Annex 10.2.49 D.5 Indicative List of Networking Activities.

Moreover, the project LIFE RE-WEEE sent letter of support to the following European project proposals, in order to contribute to the projects implementation, after their approval by EC:

- ✓ LIFE project proposal "Life Re(dis)covery"
- ✓ H2020 project proposal "COLLECTORS"

The list of directly and indirectly related to WEEE projects was established by the project's team during the first 3 months of the project implementation. This list is dynamic and will be enriched throughout the Project implementation. The relevant list, the status of communication and the way of communication are submitted as Annex 10.2.48 D.5 Mil Database of related to WEEE projects of the **MTR** in the form of a table.

More specifically, the project’s team has established contact with 28 projects directly related to WEEE and 25 more projects indirectly related to WEEE (waste management projects). Moreover, in the context of Action D.5, two (2) accounts in social media (Facebook, twitter) targeting to information exchange and dissemination of the Project progress have been created and are being updated.

The relevant list of projects and the type of networking activities conducted shall be recorded in the report containing the development of the relevant network which is to be submitted by 01/2019 according to the GA.

Delays

No delays have been recorded during the implementation of Action B2.

Indicators of progress	Target	Achievement
Number of projects contained in the developed network database and contacted by the project’s team	50	100
Number of projects response	38	30
Number of likes in Facebook	1000	344
Number of followers in Twitter	200	281

Table 13 Achievements of Action D.5 within the reporting period

Deliverables within reporting period

No deliverables are foreseen for the reporting period

Milestones within reporting period	FORESEEN	ACTUAL
10.2.48 D.5 Mil Database of related to WEEE projects	3/2016	3/2016

Supporting document within the reporting period is Annexed as 10.2.49

Action D.6: Exploitation of media and development of informative material for communication and result dissemination

Foreseen start date: January 2016

Actual start date: January 2016

Foreseen end date: June 2019

Actual (or anticipated) end date: June 2019

Status: In progress

Progress

The Action is in progress and ECYCLE is responsible for the implementation with the contribution of all beneficiaries. Action D.6 is composed by two sub-actions.

In the context of sub-action D.6.1, the 1st Press Conference was organized by the Project team on 11/5/2016 at the Ceremony Hall of Harokopio University of Athens (Annex 10.2.51 D.6 Photos of 1st Press Conference). Journalists from newspapers and “skai TV” channel joined the event (Annex 10.2.52 D.6 Journalists’ participant list). The 1st press release (Annex 10.2.53 D.6 1st press release) was delivered and published in Mass Media, and a short presentation of LIFE RE-WEEE Project was presented at the TV show “econews” on skai TV channel. Moreover, Prof. Lasaridi, representative of HUA, gave an interview at the National TV channel in the TV show “ON EPT”, introducing the benefits of prevention of WEEE production and reuse. An article describing the main objectives of LIFE RE-WEEE project was published at a weekly newspaper “ΚΕΦΑΛΑΙΟ”. The informative website “green agenda” published an article concerning the operation of the two SCs at the regions of Attica and Central Macedonia respectively. The 2nd press release (Annex 10.2.60 D.6 2nd press release) was published concerning the implementation of the 3rd Open Consultation Fora (OCF). LIFE communication

team received the press release concerning the 3rd OCF on 25/4/2017. All the above publications were presented as Annex 10.2.50 D.6 Del Publications in Mass Media - Interviews, including publications within the reporting period. A radio show “ERT IDEODROMIO” covered in one hour episode both LIFE RE-WEEE & DEBAG with representatives of ECOREC on 29/7/2017. Sub-action D.6.2 includes, among others, the development and printing of LIFE RE-WEEE leaflets (18,000 Greek and 6,000 English leaflets, according to GA). The Project team decided to proceed in printing of 6,000 Greek and 3,000 English leaflets, concerning a general description of the Project in both languages (9,000 leaflets in total). Since the beginning of SCs operation, a new more technical leaflet will be developed and printed. The 1st version of the Project leaflet (Annex 10.2.54 D.6 Del project informative leaflet_EL and Annex 10.2.55 D.6 Del project informative leaflet_En) was developed in May 2017 and is delivered during the events organized by the project team and to conferences or events/exhibitions that the project team participate in (e.g. BREAKFREEE Greece campaign, 82nd Thessaloniki International Fair)

The 1st newsletter (Annex 10.2.56 D.6 Del 1st Newsletter LIFE RE-WEEE _EL and Annex 10.2.57 D.6 Del 1st Newsletter LIFE RE-WEEE _En) was released via e-mail in January 2017, including information concerning the 1st year of project implementation, while the 2nd newsletter (Annex 10.2.58 D.6 Del 2nd Newsletter LIFE RE-WEEE _EL and Annex 10.2.59 D.6 Del 2nd Newsletter LIFE RE-WEEE _En) was released in August 2017, describing the project progress for the period of January – July 2017. The newsletters recipients are, among others, relevant stakeholders, including the Municipalities of the regions of interest, the corresponding departments of Ministry of Environment and Energy (“YPEN”), the RREUSE members, companies involved in WEEE treatment, the networking projects, the LIFE Communication Team etc. The project newsletters were also uploaded at the project website. Three spot videos for the promotion of prevention of WEEE production and EEE re-use are foreseen to be developed. HRA is the responsible beneficiary for this activity and have already started the procedures and it is expected to award the contract to the tender offering the lower price, according to their internal regulations, in November 2017.

Delays

A delay of Project leaflet development was presented, due to the fact that the project team had to decide about the copies of the leaflet, as described above and bad estimation of the time for the leaflet development needed by the external assistant. Moreover, the release of the 1st newsletter was delayed, since till the deadline on 6/2016, according to GA, few activities of public interest had performed. For this reason, a newsletter for the 1st year of the project implementation was released. The 2nd newsletter was released according to the timetable of GA. The delays described above did not affect the proper implementation of the project, as the promotion of the project progress was carried out through other media.

Comparison with established targets

Indicators of Progress	Target	Achievement
2 Press conferences in the beginning and in end of the project	2 Press conferences	1 st Press Conference at 11/5/2016
Project video production	1,000 views	3 video spots of the project are in progress
30 articles in printed and electronic press and 10 interviews	75,000 audience	13 publications, 2 interviews and 1 reference at TV show: approx. 167,300 press readers and 495,000 TV audience
Distribution of informative material	3,000 leaflets	Approx. 1,500 leaflets
7 newsletter	5,000 receivers	2 newsletters release: 340 receivers

Table 14 Achievements of Action D.6 within the reporting period

Deliverables within reporting period	FORESEEN	ACTUAL
10.2.50 D.6 Del Publications in Mass Media – Interviews_revised	6/2019	Continuously updated
10.2.54 D.6 Del project informative leaflet_EL	6/2016	5/2017
10.2.55 D.6 Del project informative leaflet_En	6/2016	5/2017
10.2.56 D.6 Del 1 st Newsletter LIFE RE-WEEE _EL	6/2016	1/2017
10.2.57 D.6 Del 1 st Newsletter LIFE RE-WEEE _En	6/2016	1/2017
10.2.58 D.6 Del 2 nd Newsletter LIFE RE-WEEE _EL	6/2017	8/2017
10.2.59 D.6 Del 2 nd Newsletter LIFE RE-WEEE _En	6/2017	8/2017

Supporting documents within the reporting period are Annexed as 10.2.51 - 10.2.60

Action D.7: Technical-scientific publications and participation in conferences, exhibitions /Seminars

Foreseen start date: January 2016

Actual start date: January 2016

Foreseen end date: June 2019

Actual (or anticipated) end date: June 2019

Status: In progress

Progress

Action D.7 is in progress as anticipated. HUA is the beneficiary responsible for leading this Action. To achieve the goal of Action D.7 (i.e. dissemination of the LIFE RE-WEEE project and its results to the scientific community, stakeholders on waste management sector, central and local authorities, and other interested official bodies), the following four (4) communication tools – categorized into sub-actions of equal number – are/will be implemented:

- I. Technical publications in scientific journals (Sub-action D.7.1),
- II. Participation in conferences, exhibitions, and seminars (Sub-action D.7.2)
- III. Organisation of two seminars regarding the results and lessons learnt throughout the implementation of the Project, with stakeholders as target audience (Sub-action D.7.3)
- IV. Organisation of six meetings with the RREUSE network, with ultimate goal the presentation and assessment of the Project (Sub-action D.7.4).

Three (3) out of the four (4) Sub-actions of D.7 (i.e. D.7.1, D.7.3, D7.4) are set to start in later phases of the Project, following the first resulting outputs of the technical core Actions (i.e. group of Actions B), and Actions relevant to the Project monitoring (i.e. C.1, C.2, E.2, and E.3).

Sub-action D.7.2 (participation in conferences, exhibitions, and seminars): During this reporting period (January 2016 – September 2017), the LIFE RE-WEEE project and its results to date have been presented at conferences and seminars listed in Annex 10.2.61 D.7 List of Conferences_seminars. Supporting documentation for the conferences listed can be found annexed in 10.2.62 - 10.2.112.

The initial target was the participation in twelve (12) conferences and nine events (seminars, exhibitions, workshops, fora) throughout the Project implementation (42 months). By the end of September 2017 (Month 21) and while the core Actions of the Project are still in progress, the Project and results were disseminated through participation in: seven (7) International

scientific conferences and eight (8) events (seminars, workshops). An overview of the achievements of Action D.7 is presented in Table 15.

In October 2017, a poster with the results of LIFE RE-WEEE project will be presented in Sardinia 2017.

Up to date (30/09/2017), no problem has been encountered during the implementation of Action D.7.

Delays

No delays have been performed during the Action implementation

Comparison with established targets

Indicators of Progress	Target	Achievement
Number of participations in conferences	12 conferences	7 conferences (up to September 2017)
Number of participations in events (seminars, exhibitions, workshops)	9 events	8 events (up to September 2017)

Table 15 Achievements of Action D.7 within the reporting period

Deliverables within reporting period

No deliverables are foreseen for the reporting period.

Supporting documents within the reporting period are Annexed as 10.2.61 – 10.2.112

Action D.8: Organization of the Project final workshop

Foreseen start date: January 2016

Actual start date: January 2016

Foreseen end date: June 2019

Actual (or anticipated) end date: June 2019

Status: Not started

Progress

This Action is scheduled to be implemented the last trimester of the Project. Thus, it does not fall in the reporting period of the present report.

E. Project management and monitoring of the project progress

Action E.1: Project management and reporting to the EU

Foreseen start date: January 2016

Actual start date: January 2016

Foreseen end date: June 2019

Actual (or anticipated) end date: June 2019

Status: In progress

Progress

ECYCLE, as Coordinator of the Project, is responsible for this Action implementation. Action E.1 includes the management and monitoring of the total project implementation and is in progress within the foreseen timetable.

The sub-action E.1.1 includes the preparation and submission of the reports to EC. Till the reporting period, all the monthly reports for the Project progress have been delivered to the Monitoring Team Auditor (21 monthly reports in total). The present Mid-term Report describes

the project progress for the period time from January 2016 to September 2017 (21 months). Within this period, the Coordinating beneficiary monitor the proper implementation of the Project concerning the technical and financial issues. Beneficiaries' expenses documents are collected in a timeframe of 4 months by the coordinator, by filling the excel file of Individual Cost Statement and copies of financial documents (invoices, payments etc.). For dissemination and exchanging data among partners, a public site (dropbox) was organized by the 3rd month of the project implementation and all beneficiaries have access to the files.

In the context of sub-action E.1.2, seven (7) ACP meetings, as are listed below, have been held, including the kick-off meeting (3/3/2017) (Annex 10.2.125 E.1 Presentation of kick-off meeting) and frequent meetings among partners or by the supporting groups to ACP were held in order the proper implementation of the project to be secured, as pre-described at the chapter "5. Administrative Part". The minutes of the ACP meetings are submitted at the Annexes 10.2.113 – 10.2.119 of the **MTR**. During the kick-off meeting, the members of the supporting groups of the ACP were determined, and the members of ACP were revised, since the beneficiary GF was not represented according to approved proposal. The final recommendation of groups is presented at the Project Organization Chart referred at the Quality Assurance and Quality Control Handbook (Annex 10.2.126 E.2 Del Quality Assurance and Quality Control Handbook)

- 1st ACP meeting: 3/3/2016 (kick-off-meeting)
- 2nd ACP meeting: 13/6/2016
- 3rd ACP meeting: 15/11/2016
- 4th ACP meeting: 5/12/2016
- 5th ACP meeting: 5/4/2017
- 6th ACP meeting: 16/6/2017
- 7th ACP meeting: 28/8/2017

Two (2) visits by the Monitoring Team Auditor, Mrs Papageorgiou, took place from the project inception (January 2016) on 25/5/2016 and 5/5/2017 respectively, as pre-described at the chapter "5. Administrative part" (Annex 10.2.120 – 10.2.123). The Monitoring Team is informed about the project implementation by the monthly progress reports. A meeting with Mrs. Papageorgiou and representatives of all beneficiaries took place on 13/7/2017 at the CB offices (Annex 10.2.124 E.1 Participant list of meeting with Monitoring Team_13/7/2017). The meeting topics included a brief information of the overall progress of the project and discussions concerning the alternative scenarios in order the constraint faced within the tender procedure for the Municipalities selection for the SC operation in the case of the Attica region to be addressed. The CB delivered a letter to the Project Adviser of EASME on 25/7/2017, and after the Project Adviser response, Mrs. Anna Natasa Asik, on 27/7/2017, the proposed alternative scenario for the implementation of the sub-action B.5.2, as described at the corresponded Action B.5, was successfully approved.

Delays

No delays have been performed during the Action implementation

Comparison with established targets

Indicators of Progress	Target	Achievement
8 ACP meetings (including kick-off meeting)	6/2019	3 ACP meetings
3 supporting team establishment	6/2019	Achieved at kick-off meeting
Monthly monitoring of Project progress and financial issues	6/2019	11 monthly progress reports

Preparation and development of 4 Progress Reports	6/2019	1 st progress report 31/12/2016 1 st mid-term report 11/2017
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Table 16 Achievements of Action E.1 within the reporting period

Deliverables within reporting period	FORESEEN	ACTUAL
1 st Mid-term Report	10/2017	11/2017
10.2.113 E.1 Del Minutes of 1 st ACP meeting	1/2016	3/2016
10.2.114 E.1 Del Minutes of 2 nd ACP meeting	6/2016	6/2016
10.2.115 E.1 Del Minutes of 3 rd ACP meeting	12/2016	11/2016
10.2.116 E.1 Del Minutes of 4 th ACP meeting	6/2017	12/2016
10.2.117 E.1 Del Minutes of 5 th ACP meeting	12/2017	4/2017
10.2.118 E.1 Del Minutes of 6 th ACP meeting	6/2018	6/2017
10.2.119 E.1 Del Minutes of 7 th ACP meeting	12/2018	8/2017

Deliverables within reporting period	FORESEEN	ACTUAL
Kick-off meeting	1/2016	3/2016

Supporting documents within reporting period are Annexed as 10.2.120 - 10.2.125

Action E.2: Monitoring of the Project implementation progress and verification of progress indicators

Foreseen start date: January 2016

Actual start date: January 2016

Foreseen end date: June 2019

Actual (or anticipated) end date: June 2019

Status: In progress

Progress

Action E.2 is in progress within the foreseen timetable. ECYCLE is responsible for the Action implementation. Since the scope of Action E.2 and C.1 is overlap, the Project Team redefined the description of the two actions for own convenience and after advise of Monitoring Team auditor, Mrs. Papageorgiou within the 2nd Monitoring Team visit. More specifically, within the Action E.2, assessment of the indicators of progress, revision of the Project Specific Indicators and assessment of the overall progress of the project according to the corresponding milestone “Quality Assurance and Quality Control Handbook” take place.

The development of Quality Assurance and Quality Control Handbook (Annex 10.2.126 E.2 Del Quality Assurance and Quality Control Handbook) was developed on time by ECYCLE, under which the assessment of the project progress reports take place at the end of each year of the project progress, by reporting financial and technical issues. The Handbook is divided in Management and Technical Part. The indicators of progress and the Project Specific Indicators are monitored and validated within this Handbook at the end of each year. In the present report, the Project Specific Indicators were validated within the reporting period of 21 months and submitted at the Annex 10.2.128 E.2 Del Validation of Project Specific Indicators. The table “QA-QC_Expenditures Summary” (Table 5 of QA-QC Handbook) arises by the summarizing of tables “QA-QC_Expenditures per Beneficiary” (Annex I of QA-QC Handbook. These tables divide all budget categories per Action and were used (within reporting period of 21 months), in order the Table 22 Cost incurred January 2016 – September 2017 in chapter “8.5 Estimation of person-days per action” to be completed. QA/QC Group, comprised by the members as referred to the Project organization chart is responsible to collect all information and documents concerning to the project progress assessment reports. The assessment of the project progress

within the 1st year of the project implementation is reported and submitted as Annex 10.2.127 E.2 Del 1st report of Project progress assessment of the **MTR**.

The Project Specific Indicators were also submitted on the online data collection tool life.idom.com on April 2016, after the guidance by EASME (Action C.1). During the reporting period, the QA/QC Group proceeded in the validation of the Project Specific Indicators. The revision of indicators concerns tools for reaching/raising awareness of the general public, since the final operation of the Re(W)ee platform and the operation of the SCs are foreseen to be launched after the reporting period. The revised table of Project Specific Indicators is presented in the chapter “7. Project Specific Indicators”. In this table, data within the reporting period has been filled in, concerning the “Governance”, “Information and awareness” and “Capacity building” fields. The other Indicator fields are connected with the SCs operation, thus in the current period no data could be filled in the table as described above.

The final report of Project progress assessment for the 2nd year of the project progress is foreseen to be delivered at 31/12/2017 and will include the revised table of Project Specific Indicators. The corresponding deliverable concerning the performance of Project Specific Indicators is submitted at the Annex 10.2.129 E.2 Del Report on the Project Specific Indicators performance.

Delays

No delays have been performed during the Action implementation

Comparison with established targets

Indicators of Progress	Target	Achievement
Validation of Project Specific Indicators	At Progress report	30/11/2016
Validation of Project Specific Indicators	At Midterm report	30/09/2017
Validation of Project Specific Indicators	At Final report	Foreseen at 30/9/2019

Table 17 Achievements of Action E.2 within the reporting period

Deliverables within reporting period	FORESEEN	ACTUAL
10.2.126 E.2 Del Quality Assurance and Quality Control Handbook	6/2016	06/2016
10.2.127 E.2 Del 1 st report of Project progress assessment	12/2016	02/2017
10.2.128 E.2 Del Validation of Project Specific Indicators	12/2016	30/11/2016 The revised indicators was included at the 1 st Progress report
10.2.129 E.2 Del Report on the Project Specific Indicators performance	10/2017	10/2017

Milestones within reporting period	FORESEEN	ACTUAL
Validation of Project Specific Indicators	12/2016	11/2016 (Progress Report) 9/2017 (Mid-term report)

Action E.3: Monitoring of Project Carbon footprint

Foreseen start date: January 2016

Actual start date: January 2016

Foreseen end date: June 2019

Actual (or anticipated) end date: June 2019

Status: In progress

Progress

Action E.3 is in progress according to the foreseen timetable. HUA is responsible for the Action implementation. The CFG is comprised of one representative from each beneficiary, according to the Project Organization Chart (Annex 10.2.126 E.2 Del Quality Assurance and Quality Control Handbook). The CFG members are responsible for the overall supervision, monitoring and assessment of the Project's carbon footprint, as well as for the development and implementation of activities, which will lead to the mitigation of the Project's carbon footprint. The Sub-actions are being implemented by a working group, which is assigned, guided and monitored by the CFG. Within the reporting period, one (1) meeting of CFG members and members of the working group, was held in Harokopio University at 13/6/2016. The meeting addressed the following issues: comments on the definition of the handbook content, the emission factors of equivalent CO₂ for the activities related to the project and the calculation of the Project activities' emissions. The participants list was provided as Annex 1.02.131 E.3 Participant list of CFG meeting with the **MTR**.

Throughout the reporting period, the following activities per Sub-action were conducted:

Sub-action E.3.1 included the development of a handbook (Annexed as 10.2.130 E.3 Del Handbook of CO₂ emissions estimation) to facilitate the estimation of the Project actions' CO₂ emissions. The guide includes the definition of the Project's activities which have to be considered for the calculation of the CO₂ emissions, and their functional limits. The operation of the two sorting centers will be taken into consideration for the calculation and monitoring of the project's carbon footprint. However, it had not been included in the first version of the Handbook, because the operation parameters of the sorting centers had not been defined when the handbook was delivered. Upon EC remarks (EC Letter Ref. Ares(2017)2235438-02/05/2017), a short description for monitoring carbon footprint of the sorting centers operation has been added in the Handbook. The description will be revised when the operation of the sorting centers start. Accordingly, the CO₂ Factors excel file will be updated.

Sub-action E3.2 was based upon the guidelines of E.3.1. The CFG and the working group identified – by the means of literature research - the factors that will be used for the “interpretation” of each activity into CO₂ emissions. The factors are presented in excel file (Annexed as 10.2.132 - 10.2.126), which accompanies the guide for the estimation of the Project actions' CO₂ emission. The CFG is responsible to periodically review and – if needed – modify them.

Sub-action E3.3 includes the collection of data about the activities of each Action by the CFG and/or the working group of E.3, which should be considered for the calculation of CO₂ emissions, throughout the reporting period. For instance, in the case of travel, data about the distance, the transportation means, and the meals were recorded.

The collected data was utilized in order to calculate CO₂ emissions according to the following formula:

[Data of a certain activity] * [factor of emissions] = [CO₂ emissions].

During the reporting period, no major issues have been encountered during the implementation of Action E3. The 1st annual report (year 2016) for the project's carbon footprint was delivered in the first ten days of January 2017 (instead of the end of December 2016), in order to include the last days of December 2016 and submitted as Annex 10.2.133 E.3 Del 1st annual report for the project's carbon footprint in the present report. In accordance, the 2nd annual report (year 2017) for the project's carbon footprint will be delivered in the first ten days of January 2018 (instead of the end of December 2017),

Delays

The draft version of the handbook was delivered to the CFG in March 2016 for remarks and comments. The handbook was completed by early April. However, during the 1st meeting of the CFG members and members of the working group (13/06/2016), minor revisions were made concerning mainly the definition of the factors. This short delay as well as the minor revision had no impact on the Project's implementation, as the draft versions of the guide and the excel file were functional, providing reliable results.

Comparison with established targets

Indicators of Progress	Target	Achievement
A handbook for the estimation of the Project actions' CO ₂ emissions	March 2016	April 2016
4 reports of Project Carbon Footprint	12/2016 12/2017 12/2018 6/2019	01/2017 (in order to include December 2016)

Table 18 Achievements of Action E.3 within the reporting period

Deliverables within reporting period	FORESEEN	ACTUAL
10.2.124 E.3 Del Handbook of CO ₂ emissions estimation	3/2016	3/2016
10.2.127 E.3 Del 1 st annual report for the project's carbon footprint	12/2016	1/2017

Supporting documents within reporting period are Annexed as 10.2.125 - 10.2.126

Action E.4: After LIFE+ Plan

Foreseen start date: April 2019

Actual start date: April 2019

Foreseen end date: June 2019

Actual (or anticipated) end date: June 2019

Status: Not started

Progress

This Action is scheduled to be implemented the last trimester of the Project. Thus, it does not fall in the reporting period of the present report.

6.2 Main deviations, problems and corrective actions implemented

Within the reporting period, no significant problems and delays were faced during the overall Project implementation. Deviations from the foreseen timetable were addressed during individual Actions' progress and the management groups of the Project tackled them sufficiently. The delays that have occurred have no impact to the overall progress of the Project.

The problems that the Project team faced concern technical and financial issues and are described in detail at the relative chapters. A brief description of most remarkable problems are referred below:

Technical issues:

- 1) The Project team decided to release an integrated questionnaire concerning Actions A.1 and sub-action B.1.1, since a target group of stakeholders was common. Afterwards, in countries where prevention of WEEE production and preparing for re-use procedure are in early stage (such as in Greece and Serbia), the integrated questionnaire could not be answered, as specific data concerning procedures of preparing for re-use cycle were requested (such as number of employees, quantities of reused equipment etc.). HUA, the responsible beneficiary for Action A.1 implementation proceeded in releasing of a modified questionnaire, after approval of the Project team, to facilitate the collection of more relevant data corresponding to Action A.1.
- 2) A delay of 5 months has occurred in Action B.5, concerning the call of interest for the site selection in order the two (2) SCs to be settled down and to operate. The Project team faced several obstacles, due to the fact that SCs operation is innovative in Greece and the National legislative framework (M.D. 1958/2012) for the definition of the environmental permit and procedures required for the authorization of such type of facilities was not sufficient by the start of the project. Therefore, after HRA's communication with the Department of Recycling – Alternative Management of the Ministry of Environment & Energy (YPEN), a modification proposal by the second was issued to the corresponding Department of Environmental Authorization of "YPEN" and proceeded in amendment of the framework as MD 37674/2016 (7.2.16 M.D. 37674/2016 (ΦΕΚ 2471/Β/10-8-2016)), in order to classify SCs in the relevant group of facilities and to define the specific environmental authorization requirements and procedures. Detailed description of the above legislation amendment procedure is referred at the corresponding Action B.5, at the Technical part of the present report.
- 3) Additionally, the current National Land Use Planning restricts the settlement of waste management facilities such as SC, outside the districts of the defined Urban Plan or inside industrial areas accordingly. To address the restrictions of SCs settlement, attempts took place by LIFE RE-WEEE Project Team, represented by HRA, through communication with the General Secretariat for Regional Planning and Urban Development of "YPEN", in the context of the development of spatial planning framework of Green Recycling Centers, in order SCs to be allowed settled down within the Urban Plan's districts, combined with Green Recycling Centers or in adjacent sites, thus the citizens could be also served by SCs (7.2.14 B.5 Proposal for SCs spatial framework – e-mail). However, the combination of spatial planning framework of

Green Recycling Centers with SCs was not feasible due to the activities that take place in SCs. Therefore, the Project Team proceeded with the current legislative spatial framework, to avoid further delays. However, the Project Team continues to make efforts for the spatial planning of SCs with the cooperation of the General Secretariat for Regional Planning and Urban Development of “YPEN”, to facilitate the development of further SCs, outside the Project’s framework. As the restriction of SCs settlement outside the districts of the defined Urban Plan or inside industrial areas results in limited availability of proper infrastructures for SCs operation, delays concerning the definition of the required technical specifications of SCs that constitute part of the Management plan had been occurred, in order to be in compliance with the National framework of authorization. The addressed restrictions are described in detail in the corresponding Action B.5. This delay does not affect the overall progress of this Action, as the determination of the final proper SCs operation specifications are important for the expected results of the Project.

- 4) After the technical requirements of SCs definition and the submission to the BoD of GF, a period time of 2,5 months was required for the approval of the final technical requirements of SCs, according to the internal procedures of GF that is responsible for the tender constitution, and therefore the call of interest inception, that constitute Project milestone, was launched in February 2017 and the deadline for the proposals submission was firstly set on 10/4/2017. The lack of proposals submission till the aforementioned tender deadline led to the decision of the GF BoD for tender prolongation for a period of one (1) month. Details on the proposals submission are described at the corresponding Action B.5.
- 5) The delay of the call of interest process resulted in six (6) months delay of the announcement of the tender procedure for the contractors’ selection. Moreover, the fact that no result for the case of the Attica region was carried out concerning a Municipality selection for the SC operation, led the project team to proceed in an alternative scenario for the sub-action B.5.2 implementation, after the guidance of TMO and the approval by the Project Adviser of EASME, as described analytically at the corresponding Action B.5 of the present report.

The delays at individual actions of the technical part of the project are not expected to affect the proper implementation of the project.

The most significant constraints were faced in the context of the Action B.5 implementation and are described in detail at the chapter “6. Technical part”. Among the main objectives of the project is the installation and demonstrative operation of SCs that take place for the first time in Greece. The faced difficulties and constraints demonstrated the deficiencies in settlement issues and environmental permits of SCs. The project team managed to achieve amendment at the current national legislation for environmental permit and in parallel contribute to overcome the settlement issues and to attempt to achieve, with the collaboration of the competent authorities, a legislative framework for SCs operation after the project completion.

Financial issues:

- Personnel budget concerning GF partner is divided between permanent and additional staff. The GF is composed of seconded employees from other public bodies and according to the National Law 3889/2010, amended by the Law 4030/2011, employees’

paid salaries are by the organisations of provenance. According to the Monitoring team response (email 13/4/2016), since personnel costs of GF permanent staff are incurred by another entity, then this is considered an 'in-kind contribution' and therefore are not eligible. This issue was confirmed also at the Annex – Financial Issues No 9 of letter from EASME by 11/7/2016 concerning the Monitoring Team visit. The additional staff employments were initiated in June 2016. For this reason, personnel costs of GF employees are deviated downwards from the foreseen budget.

6.3 Evaluation of Project Implementation

As pre-described in the chapter “5. Administrative part”, the ACP and the three supporting groups monitor the smooth progress of the project. Since some barriers were faced mainly within the implementations of “Actions B”, the project team made efforts to overcome the difficulties. The corrective actions are referred below briefly (the detailed description of each barrier is performed at each corresponding Action and in chapter “6.2. Main deviations, problems and corrective actions implemented”):

Action	Barrier	Corrective activities
Sub-action B.1.1	Difficulties in collecting data by countries where prevention of WEEE production and preparing for re-use procedure are in early stage or simply not recorded at all.	Amendment of the disseminated questionnaire targeted to these countries
Action B.5	Lack of National legislative framework for the definition of the environmental permit of sorting center facilities	Amendment of the current legislation (MD 37674/2016). Definition of specific environmental authorization requirements for SCs
Action B.5	National Land Use Planning restrictions for the settlement of waste management facilities such as SC, outside the districts of the defined Urban Plan or inside industrial areas accordingly.	Efforts for amendment of the current legislation for spatial planning of SCs. Long time requirement for this amendment, but the project team continue to contribute at this amendment long-term.
Action B.5	Lack of proposals submissions by Municipalities for the SCs operation in the case of Attica region	Implementation of sub-action B.5.2 according to an alternative scenario, approved by EASME, by conducting a tender for contractor that will also provide the proper infrastructures for the SC operation in Attica.

Table 19 Corrective activities for the project implementation

The indicators of project progress based on the objectives of each Action are referred at the tables “Comparison with established targets” at the description field of each Action. Based on these tables, and on corrective actions that took place within the project implementation, the overall progress of the project is evaluated as successful. Although these delays in the selection of the two SCs, the arrangements on legislative issues concerning the operation of sorting facilities, as described above, facilitate the sustainability of the project results and are evaluated as successful. The project team faced with flexibility the barrier concerning the end of the call of interest for the Municipalities selection with no results in the case of Attica region and proposed an alternative implementation scenario (details in Action B.5 description) of sub-action B.5.2, which was approved by Project Adviser, in order to overcome this obstacle.

Moreover, since the calculable Project Specific Indicators refer mostly to dissemination activities, the stakeholders and public that have been informed for the project objectives and results to date, have overcome the foreseen number of individuals that had been set on the submitted Project Specific Indicators in the proposal. However, the impact of the project on the public and also on stakeholders is estimated to be visible after the operation of the donation/exchange platform and the operation of the two SCs. The contribution and the activity of the public through the platform will lead to calculable results in the prevention of WEEE production in Greece. In addition, citizens and local authorities' acceptance concerning the operation of the SCs will result firstly in the increased interest of citizens to visit the SCs facilities and on the other to the increased interest on behalf of local authorities to develop sorting facilities within their boundaries.

As described in detailed at the charter “6.4 Analysis of benefits”, LIFE RE-WEEE targets are in compliance to the existing EU targets and priorities, concerning reduction of wastes and maximization of re-use. The objectives of the project fall also under the new EU Action Plan for the Circular Economy and its basic principles. **Moreover, the project resulted in amending legislation concerning the environmental authorization of SCs and contributed to the legislative framework development for the spatial planning of these facilities, as described in the chapter “6.2 Main deviations, problems and corrective actions implemented”.** Additionally, in the context of LIFE RE-WEEE actions, technical requirements and specifications for preparing for re-use are being developed within the project duration, based on current European standards and specifications, and will be proposed to the Ministry of Environment & Energy aiming to eventual integration in the National legislative framework. The implementation of the project's action comply with the EU policy concerning the prevention and preparing for reuse fields. The operation of the SCs -for the first time in Greece- the development of specifications and technical requirements for the overall procedure of preparing for reuse and the activities concerning public awareness regarding the prevention of WEEE production give added value to the project. Through these actions, the project team takes the advantage to apply the EU principles in Greece, contributes to the development of new “green jobs” and sets the baseline for the operation of sorting facilities not only in the wider area of Greece, but also in other countries at very low stages in the field of prevention and preparing for reuse, by replicating and transferring the results of the project. The aforementioned results will be mostly visible at the end of the project, during the “After Life” period where the calculable results will be measured and disseminated.

6.4 Analysis of benefits

The LIFE RE-WEEE Project aims at the reduction of WEEE, through the implementation of prevention (reuse) and preparing for reuse actions and will contribute towards the shift to a circular economy. To achieve this, it involves the development and operation of the two SC, and on the other the development of the web-based platform for exchanging/donation of WEEE.

The two SCs, the first of their kind in Greece, will sort 1,000 tn and 500 tn of WEEE per year in Attica and Central Macedonia, respectively. It is estimated that by the 1.500 tn of income WEEE in the SCs, 310 tn (mostly from categories 5 and 6 of WEEE according to Annex III of KYA 23615/651/E.103) will be addressed to preparing for reuse process, annually. The operation of the SC is estimated to result in a GHG reduction of 5,470 CO₂ eq tn/yr, due to limitation of new appliances production, or to recycling operations in case this quantity of WEEE would be led to treatment facilities rather than to be reused. Furthermore, preparing for reuse of the aforementioned quantity of WEEE is estimated to result in significant savings of heavy and precious metals and other raw materials used for the production of new appliances

that are harmful to human and environment or are of high economic interest, such as ferrum (51 tn), copper (106 tn), gold (6 kg) etc.

In an effort to promote Electrical and Electronic Equipment (EEE) donation and exchange at the consumer lever in Greece through operation of the platform Re(W)eee, it is anticipated to at least 1,000 EEE items will be exchanged/donated, corresponding to the prevention of 1,650 tn WEEE production (estimated in terms of the expected WEEE generation per capita, i.e. 0.1 kg/cap, and the current population of Greece: 11,000,000 inhabitants).

1. According to RREUSE, 1,000 tons of WEEE prepared for re-use would create 35 “green jobs” compared to 7 jobs if it was dismantled. The jobs corresponding to reuse and preparing for reuse procedures include activities relevant to collection, transportation, sorting, repair and selling of prepared for reuse equipment. This fact entails the creation of jobs in a variety fields and demanding employees with variety educational/ training levels.

Based on the above data, the operation of the two SCs through the sorting activities of 1,500 tons per year and preparing for reuse of 20% of income WEEE to the SCs resulted in creation of 10.85 full time equivalent (FTE) jobs, involved in the overall preparing for reuse cycle, and thus to a significant economic impact raised by the project. The main objective of the project is to disseminate the results, following the demonstrative operation of the SCs, in order for more SCs to be installed and operate in the wider region of Greece, for WEEE and for other waste streams in future. Hence, a field of more new jobs will be created contributing to the enhancement of the national economy.

Furthermore, the SCs, after the sorting activities of the incoming WEEE, could supply commercial and social economy actors active in the fields of repairing, refurbishing and selling of reused WEEE with good quality “raw materials”, to facilitate their activities and the market release of high quality reused appliances in favorable prices.

In addition, savings in metals and other raw materials (such as plastic, glass etc.) that resulted in reuse and preparing for reuse activities that take place within the project implementation, as well as the promotion of these activities, compared to the consumption of these materials needed for the production of new equipment or recycling activities, impacts to a certain extent on the global economy.

2. The social benefits arising by the project implementation are directly connected to the economic impact of the project. The creation of new “green jobs”, as described above, are among the most important social benefits resulting from the project actions, since the employment opportunities are increased in a country that “suffers” from elevated unemployment. Furthermore, the creation of new green jobs could be the path for the organization of new training programmes by the Labor Force Staffing Agency in Greece (OAEΔ), to boost labor market reintegration of unemployed and socially disadvantaged groups. The fact that social enterprises can manage the operation of the SCs, as pre-described, new jobs will be created for the scope of these enterprises activities, and according to their status, more people coming from socially disadvantaged groups will have more employment opportunities. Furthermore, social enterprises that are related to the WEEE service and refurbishment, provide good quality of reused equipment to people with low subsistence level at low prices.

In addition, social benefits are directly linked to environmental impact of the project, concerning the reduction of the greenhouse gasses, the reduction of wastes and consumption of raw materials. The quality of life and health of citizens strongly depends on the quality of the urban environment.

3. The potential benefit of the project is the fact that the results could be replicated and transferred to other regions of Greece, but also to other European countries. More specifically, the development of specifications and technical requirements for the overall preparing for reuse

procedure is based on European standards and current Best Available Techniques (BAT) and developed specifications in other European countries. The developed specifications will be applied during the demonstrative operation of the two SCs and afterwards, will constitute the base for the National legislative framework for the operation of such facilities at first, and will be potential prototype for the development of corresponding specifications in other EU countries that preparing for reuse of WEEE is at a primary stage.

The operation of the two SCs is developed in a sustainable base. The project team targets to disseminate the results after the demonstrative operation of the SCs, in order to continue to operate after the project implementation, and to attract other stakeholders for the operation of other corresponding facilities in the wider region of Greece, since many Municipalities had already declared interest in developing sorting facilities not only for WEEE, but also for other solid waste streams.

In addition, the methodology for the prevention and preparing for reuse measurement of WEEE has the potential benefits to provide a harmonised methodology at EU level and allow for the EU to have a preparing for re-use target which would be separated from the recycling target. This potential target would save a lot of EEE from waste and would create a significant amount of jobs at EU level.

The RREUSE members will contribute to the replicability and transferability objectives of the project, through the RREUSE WEEE working groups that will take place during the project. Moreover, to disseminate the results of the project in order to be applied in other EU countries that are at a primary stage of preparing for reuse, two workshops are foreseen to be organized by RREUSE in Poland and Slovenia.

4. LIFE RE-WEEE is a demonstrative project aiming to implement preparing for reuse of WEEE activities in Greece, for the first time. As well it will contribute to the configuration of a National legislative framework for the whole cycle of preparing for reuse procedures and to the development of measurement and assessment methodologies of the environmental, and socio-economic impact of reuse.

The development of the technical requirements and specifications regarding all the activities of preparing for reuse of WEEE (Action B.4), is based on existing European standards and specifications (e.g. WEEE Labex, CEN-CENELEC). The developed specifications will potentially constitute the base for the development of Best Available Techniques (BAT) concerning Greek practices.

Moreover, recording and assessment of existing measurement methodologies of prevention and preparing for reuse (Action B.1) applied in some EU member-states will facilitate in the development of a new integrated methodology and measurement tool aiming to be transferred and applied at European level, even to countries that are currently activated in the field of preparing for reuse activities.

5. The innovative character of the project relies in the fact that actions regarding prevention and preparing for reuse of WEEE take place for the first time in Greece in an organized manner, since till today only individual not-calculable actions have taken place. For this reason, the recording and measurement of prevention and preparing for reuse of WEEE is in the scope of the project, with an innovative measurement methodology, based on the existing methodologies applied at other EU state-members that are advanced in that field. The project aims to develop a transferable and usable measurement tool at EU level.

In addition, the development of technical requirements and specifications for the overall cycle of preparing for reuse of WEEE and, by extension, the base for the National legislation framework for these procedures are innovative for Greece, and comply with the European legislative targets. Since Greece is at a primary stage in the sector of preparing for reuse, the developed specifications could be transferred to other counties of the same level in that field.

Furthermore, the installation and operation of the WEEE sorting facilities for the first time in Greece, breaks new ground in the field of WEEE management, since through the demonstrative operation of the two SCs the sustainability of the SCs operation will be assessed. This will result in the instalment of new sorting facilities in the wider region of Greece, but in the sorting activities in other solid waste streams as well.

To achieve the aforementioned objectives, organizations that occupy key-roles in the WEEE management were incorporated, among others, as beneficiaries of the project. More specifically, HRA, the competent authority of the Ministry of Environment & Energy for the design and implementation of recycling policy in Greece, “Appliances Recycling S.A.”, the official collective system that organises, operates and controls the collective system for the alternative management of WEEE in Greece and RREUSE, the European organization that represents social enterprises active in re-use, repair and recycling.

6. LIFE RE-WEEE targets are in compliance to the existing EU targets and priorities, concerning reduction of wastes and maximization of re-use, as prescribed in the current EU legislation and the 7th Environment Action Programme (EAP) to 2020. The objectives of the project fall also under the new EU Action Plan for the Circular Economy and its basic principles.

Although, LIFE RE-WEEE Project is in line with the EU targets, obstacles were addressed concerning the development of SCs, since the existing National legislation framework did not provide the specific requirements for the appropriate environmental authorization of these facilities

However, as described in detail at the chapter “6.2 Main deviations, problems and corrective actions implemented” and at the corresponding Action B.5, the Project Team tackled these restrictions when feasible. More specifically, after cooperation of HRA, representative of LIFE RE-WEEE, and the Department of Recycling – Alternative Management of YPEN, amendment of M.D. 1958/2012 by M.D. 37674/2016 was achieved. SCs were classified in the relevant group of facilities and included in Group 4 “Environmental Infrastructure Systems” as “Sorting Centers of Electrical and Electronic Equipment (WEEE) - Including facilities for preparing for reuse of WEEE (category “9γ”). Moreover, current National legislation puts restrictions in settlement of waste management facilities (collection, sorting, storage, treatment, disposal etc.), such as SC, outside the districts of the defined Urban Plan, according to PD 31/1985, or inside industrial areas according to PD 166 D/1987. For this reason, LIFE RE-WEEE Project, represented by HRA, made efforts in order SCs to be included at the same spatial framework with Green Recycling Centers with the cooperation of the General Secretariat for Regional Planning and Urban Development of YPEN. Due to the activities that take place in SCs, a special spatial framework for SCs is under development with the contribution of the LIFE RE-WEEE Project, in order to facilitate the development of further SCs, beyond the Project framework.

Additionally, in the context of LIFE RE-WEEE actions, technical requirements and specifications for preparing for re-use are developed within the project duration, based on current European standards and specifications, and will be proposed to the Ministry of Environment & Energy aiming at the eventual integration in the National legislative framework.

7. Project Specific Indicators

The overall revised table of the Project Specific Indicators within the reporting period is annexed in the corresponding Action E.2 as Annex 10.2.128 E.2 Del Validation of Project Specific Indicators.

As it was described in Action E.2, the indicators concerning the “Governance”, “Information and awareness” and “Capacity building” fields have been revised and comprise calculable data raised within the reporting period. Only the described indicators above are examined till the current period. “Table 20 Table of Indicators” gathers all the collected data, focusing in the fields of interest.

The comments marked with **orange colour** refer to the revised fields. The column “State-of-play at the progress reporting period till 30/09/2017” refer to the collected data within the reporting period.

It is assessed that the set indicators, concerning the described fields, constitute achievable indicators, and in some cases have already been exceeded (e.g. “other media (video/broadcast”)), even though the project progress approaches the 2nd year of implementation. The QA/QC Group, which is responsible for monitoring the Project’s progress and to collect all data relative to the overall project progress assessment, aims to achieve the set indicators or to revise them in case of not responding to real data.

The other indicators do not fall in the reporting period of the present report, due to their connection with the SCs operation or the donation platform. No data could be collected, for example, concerning waste prevention, and therefore reduction of CO2 emissions, as corresponding activities are foreseen to be implemented at the end of the 2nd year of project duration.

	Period after the project end to be taken into account (mandatory)						Comments
	Key indicators and parameters/	Descriptors	State-of-play at the beginning of the project period at project level	State-of-play at the progress reporting period till 30/09/2017	State-of-play at the end of the project period at project level	State-of-play 3 years after the project end at project continuation, replication and/or transfer level	
			Values	Values	Values	Values	
11	Governance						
11.1	Implication of NGO(mandatory) including interventions supporting EU environmental and/or climate change policies and of other stakeholders (at least one mandatory)	NGO	2,00	44,00	20,00	50,00	# Indicate in the 'Descriptors' field of the corresponding row the civil society organisations involved which are concerned by the environment/climate change problem(s) addressed: NGO (mandatory), and at least one of the following: private enterprises, local authorities, regional authorities, national authorities, other civil society organisation # Flag in the 'Descriptors' field of the row added for the following '# Flag-list' the types impact of interventions targeting the EU policy; resulting in EU policy uptake; resulting in EU legislation; other interventions supporting EU environmental or climate change policies; N/A # Flag in the 'Descriptors' field of the row added for the following '# Flag-list' the sector represented by the NGO(s) and other civil society organisations by indicating the NACE code(s) (http://ec.europa.eu/competition/mergers/cases/index/nace_all.html) or N/A.
12	Information and awareness						
12.1	General public reached and/ or made aware						
12.1.1	Website (mandatory)						# Indicate in the 'Descriptors' field of the corresponding row whether you reach and/or raise awareness of the general public by means of the website: reach; raise awareness. Note that reaching and awareness raising need to be followed up based on simplified indicators by all projects .# Flag in the 'Descriptors' field of the row added for the following '# Flag-list' simplified indicators for reaching individuals through the website: no. of visits (rather than hits); no. of downloads; other # Flag in the 'Descriptors' field of the row added for the following '# Flag-list' simplified indicators for raising awareness of individuals: interactive participation (e.g. in games, quizzes, through comments, asking questions/receiving replies)
		Reach	0,00	17.166,00	15.000,00	30.000,00	views
	Flag	Visits					
		Raising awareness	0,00		3.500,00	7.000,00	will arise by the donation platform

Flag	Interactive participation						
12.1.2	Other tools for reaching/raising awareness of the general public	Total					<p># For projects, which are not Information and Awareness raising projects it is sufficient to indicate the tools used to reach and or raise the awareness of the general public and to flag the simplified indicators used for impact monitoring. The projects only have to account for the total number of individuals, whose awareness is considered to have been raised on the basis of the simplified indicators used, and for the number of visits and/or active participation in interactive features of the project website which account for a part of the total.</p> <p># For Information and Awareness raising projects, the beneficiaries will have to keep track of the number of individuals made aware by differentiating between awareness raising tools.</p> <p># Indicate in 'Descriptors' field of the corresponding row the other awareness raising tools used: events/exhibitions; print; other media (videos, broadcasts); hotline/information centre</p> <p># Flag in the 'Descriptors' field of the row added for the following '# Flag-list' simplified indicators for reaching individuals: Print media: No. of copies of articles, newspapers or brochures distributed (rather than the copies produced); events/exhibitions: visitors; other media: viewers/listeners; hotline/information centre: visitors</p> <p># Flag in the 'Descriptors' field of the row added for the following '# Flag-list' simplified indicators for raising the awareness of individuals: active participation in events; participation in games or quizzes; filling in forms; commenting; asking questions/getting answers; volunteering; participation in Capacity building (counted separately under '13. Capacity building').</p>
		publications/reports	0,00	2.500,00	2.000,00	2.000,00	participation in conferences (No of conference participants)
		events/exhibitions	0,00	554,00	1.000,00	2.000,00	seminars of consultation Fora, workshops, press conference, stakeholders seminars
		print media	0,00	167.300	300.000,00	450.000,00	published in articles of newspapers (printed media and electronic press) - estimation of printed copies and visits
		other media (video/broadcast)	0,00	495.000,00	1.000,00	2.000,00	views in youtube videos (views) and TV show (average monthly channel zone viewing data for the age range 25-54)
		displayed information (poster, information boards, leaflets, newsletter)	0,00	3.618,00	100,00	500,00	Banner at the events and at the SCs, poster at the beneficiaries offices, poster of the project (conferences, events), leaflets of the project, newsletters
		social media (Facebook, Twitter)	0,00	632,00	1.200,00	2.000,00	No of individuals : like in Facebook page and followers in Twitter
13	Capacity building						
13.1	Networking (mandatory) and other professional training or education	Workshop (professionals, student), seminars (professionals), training events (professionals, laymen)	0,00	2.460,00	1.500,00	3.000,00	<p># Indicate the audience: professionals; laymen; students; other</p> <p># Flag the capacity building tools used: networking (mandatory); platforms; workshops; conference; other training or educational events</p>

Table 20 Table of Indicators

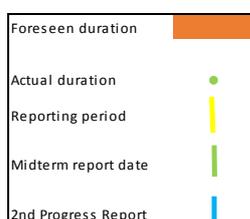
8. Comments on the financial report

This chapter includes confidential financial data of each partner, which are not publishable.

9. Envisaged progress until next report (this section should be included only for the Mid-term report)

Till the next Progress Report that is foreseen to be submitted in June 2018, the following key deliverables will be implemented:

- The methodology for the measurement of preparing for reuse and reuse will be almost developed, in order to be implemented at the SCs. The RREUSE members will contribute to the optimization of the methodology and how applicable this measurement tool could be.
- The inventory of current situation in Greece concerning the individual activities on preparing for reuse and reuse in Greece is foreseen to be completed on March 2018. Moreover, the impact of financial crisis to the production of WEEE in Greece is foreseen to be reported till June 2018. The recorder data of the above reports will facilitate the development and implementation of proper initiatives and practices for prevention of WEEE production and the overall procedure for preparing for reuse activities.
- The two SCs will operate according to the specifications and technical requirements developed in the context of the LIFE RE-WEEE project, concerning the overall activities of preparing for reuse procedure and the proper equipment procured by the project as foreseen. “Appliances Recycling S.A.” will drive the foreseen quantities of WEEE, according to the GA, to the two SCs, in order to collect calculable results on preparing for reuse activities.
- The exchange/donation platform Re(W)eee will be accessed by public for a period of 5 months till the next Progress Report. The partners of the project will distribute the platform through dissemination activities and social media. The first repair event “Μαθαίνω να επισκευάζω” will be organized promoting the culture of repair and prevention of WEEE production. The Quick Repair Guide will facilitate the conduction of the repair events.





Project actions		2016				2017				2018				2019				
A. Preparatory actions		I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	
A1	State-of-the-art review	Foreseen	█															
		Actual	●	●	●													
B. Implementation actions																		
B1	Design and develop assessment tools and methodologies	Foreseen	█															
		Actual	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
B2	Development of Consultation Forum	Foreseen	█															
		Actual	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
B3	Mapping WEEE reuse and preparation for reuse practices and initiative in Greece	Foreseen		█														
		Actual		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
B4	Development of specifications and technical requirements for the entire "prepare for reuse" cycle	Foreseen	█															
		Actual	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
B5	Design, development and operation of WEEE Sorting Centers	Foreseen	█															
		Actual	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
B6	Promotion and support of the WEEE prevention culture in Greece	Foreseen	█															
		Actual	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
C. Monitoring of the impact of the project actions																		
C1	Monitoring and assessment of the Project progress and performance	Foreseen	█															
		Actual	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
C2	Evaluation of the social-economic and environmental impact of the Project	Foreseen		█														
		Actual		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
D. Public awareness and dissemination of results																		
D1	Development and monitoring of the result dissemination strategy and of the communication plan	Foreseen	█															
		Actual	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
D2	Development and maintenance of the Project's website	Foreseen	█															
		Actual	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
D3	Design and development of layman's report of the project	Foreseen																█
		Actual																●
D4	Development and installation of information banners of the Project	Foreseen																█
		Actual																●
D5	Networking with other LIFE and/or other funding programs	Foreseen	█															
		Actual	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
D6	Exploitation of media and development of informative material for communication and result dissemination	Foreseen	█															
		Actual	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
D7	Technical-scientific publications and participation in conferences, exhibitions / Seminars	Foreseen	█															
		Actual	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
D8	Organization of the Project Final Workshop	Foreseen																█
		Actual																●
E. Project management and monitoring of the project progress																		
E1	Project management and reporting to the EU	Foreseen	█															
		Actual	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
E2	Monitoring of the Project implementation progress and verification of progress indicators	Foreseen	█															
		Actual	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
E3	Monitoring of Project Carbon footprint	Foreseen	█															
		Actual	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
E4	After LIFE+ Plan	Foreseen																█
		Actual																●
E5	External Auditing	Foreseen																█
		Actual																●

Diagram 1 LIFE RE-WEE Gantt Chart

10. Annex

10.1 Annexes of Administrative Part

- 10.1.1 Response to letter EASME.B.3 NA/fh D(2016) 3978871
- 10.1.2 Response to letter EASME B3/NA D(2017) 4154147
- 10.1.3 Response to letter EASME B3/NA D(2017) 2546267
- 10.1.4 Letter to EASME_ alternative senario_action B.5 implementation_Pr. No 11494/25-07-2017
- 10.1.5 Approval by EASME of letter “Pr. No 11494/25-07-2017”_email

10.2 Annexes of Technical Part

- 10.2.1 A.1 Del State-of-the-art report_revised
- 10.2.2 Integrated Questionnaire A1- B.1_En
- 10.2.3 A.1 Questionnaire_EL
- 10.2.4 A.1 Questionnaire_En
- 10.2.5 B.1 Del Inventory of existing calculation methods of reuse and preparation for re-use of WEEE
- 10.2.6 B.1 Questionnaire for Producer Responsibility Organisations (PROs)
- 10.2.7 B.1 Questionnaire for Local Authorities
- 10.2.8 B.2 Del 1st Annual Report on the Consultation Forum
- 10.2.9 B.2 Minutes of 1st Thematic Consultation Forum
- 10.2.10 B.2 Municipalities informative letter
- 10.2.11 B.2 Minutes of 1st Open Consultation Forum
- 10.2.12 B.2 Minutes of 2nd Open Consultation Forum
- 10.2.13 B.2 Minutes of 3rd Open Consultation Forum
- 10.2.14 B.2 Minutes of 2nd Thematic Consultation Forum
- 10.2.15 B.3 Questionnaire
- 10.2.16 B.4 Del 1st issue of specifications and technical requirements for collection, transfer, sorting and storage of WEEE
- 10.2.17 B.4 Del General Issue of specifications of preparing for re-use stage of WEEE
- 10.2.18 B.5 Del Call of Interest by GF (including the Annexes of the call)
- 10.2.19 B.5 Del GF BoD Decision for the call announcement
- 10.2.20 B.5 Del GF BoD decision for tender prolongation
- 10.2.21 B.5 Del 1st Evaluation Phase results by GF Evaluation Committee
- 10.2.22 B.5 Del 2nd Evaluation Phase results by GF Evaluation Committee
- 10.2.23 B.5 Del Evaluation Phase final results by GF BoD
- 10.2.24 B.5 Issue of infrastructure and operation technical requirements of SCs
- 10.2.25 B.5 Evaluation mechanism system
- 10.2.26 B.5 Proposal for SCs spatial framework – e-mail
- 10.2.27 B.5 Final proposal for MD 1958/2012 modification – e-mail
- 10.2.28 M.D. 37674/2016 (ΦΕΚ 2471/Β/10-8-2016)
- 10.2.29 B.5 Municipalities visits
- 10.2.30 B.5 List of meetings and correspondence with Regional Authority representatives
- 10.2.31 B.5 Letter to Attica region Head Offices
- 10.2.32 B.5 Letter to Central Macedonia region Head Offices
- 10.2.33 B.5 Respond of Central Macedonia region Head Offices
- 10.2.34 B.5 Letter to “EDSNA”
- 10.2.35 B.5 Respond of “EDSNA”

- 10.2.36 B.6 Mil Analysis of platform requirements
- 10.2.37 C.1 Mil Environmental indicators of implementation actions
- 10.2.38 C.1 Project Specific Indicators – Idom
- 10.2.39 C.1 Del 1st Annual assessment report of the Project impact
- 10.2.40 C.2 Mil Social and Environmental LCA parameters
- 10.2.41 D.1 Del Dissemination plan_revised
- 10.2.42 D.1 Logo RE-WEEE
- 10.2.43 D.1 Mil Database of target – groups
- 10.2.44 www.reweee.gr/en
- 10.2.45 D.2 Google Analytics report – LIFE RE-WEEE website
- 10.2.46 D.4 Del LIFE RE-WEEE banners
- 10.2.47 D.4 LIFE RE-WEEE banner_photos
- 10.2.48 D.5 Mil Database of related to WEEE projects
- 10.2.49 D.5 Indicative List of Networking Activities
- 10.2.50 D.6 Del Publications in Mass Media – Interviews
- 10.2.51 D.6 Photos of 1st Press Conference
- 10.2.52 D.6 Journalists’ participant list
- 10.2.53 D.6 1st press release
- 10.2.54 D.6 Del project informative leaflet_EL
- 10.2.55 D.6 Del project informative leaflet_En
- 10.2.56 D.6 Del 1st Newsletter LIFE RE-WEEE _EL
- 10.2.57 D.6 Del 1st Newsletter LIFE RE-WEEE _En
- 10.2.58 D.6 Del 2nd Newsletter LIFE RE-WEEE _EL
- 10.2.59 D.6 Del 2nd Newsletter LIFE RE-WEEE _En
- 10.2.60 D.6 2nd press release
- 10.2.61 D.7 List of Conferences_seminars
- 10.2.62 D.7 RECIS conference-Programme
- 10.2.63 D.7 RECIS conference-submitted abstract
- 10.2.64 D.7 RECIS conference-presentation
- 10.2.65 D.7 CYPRUS conference-Programme
- 10.2.66 D.7 CYPRUS conference-submitted abstract
- 10.2.67 D.7 CYPRUS conference-presentation
- 10.2.68 D.7 CYPRUS conference-pictures
- 10.2.69 D.7 IHWM conference-Programme
- 10.2.70 D.7 IHWM conference-submitted abstract A.1
- 10.2.71 D.7 IHWM conference-submitted abstract RE-WEEE
- 10.2.72 D.7 IHWM conference-presentation A.1
- 10.2.73 D.7 IHWM conference-presentation RE-WEEE
- 10.2.74 D.7 WEEE Forum conference-agenda
- 10.2.75 D.7 WEEE Forum conference-presentation
- 10.2.76 D.7 WEEE Forum conference-pictures
- 10.2.77 D.7 ATHENS conference-programme
- 10.2.78 D.7 ATHENS conference-presentation A.1
- 10.2.79 D.7 ATHENS conference-paper A.1
- 10.2.80 D.7 ATHENS conference-presentation LCA
- 10.2.81 D.7 ATHENS conference-paper LCA
- 10.2.82 D.7 ATHENS conference-poster
- 10.2.83 D.7 ATHENS conference-pictures
- 10.2.84 D.7 CEMEPE SECOTOX conference-programme

- 10.2.85 D.7 CEMEPE SECOTOX conference-presentation
- 10.2.86 D.7 CEMEPE SECOTOX conference-paper
- 10.2.87 D.7 CEST conference-programme
- 10.2.88 D.7 CEST conference-presentation
- 10.2.89 D.7 CEST conference-paper
- 10.2.90 D.7 NSRF workshop-programme
- 10.2.91 D.7 NSRF workshop-presentation
- 10.2.92 D.7 NSRF workshop-pictures
- 10.2.93 D.7 Protecting the environment workshop-invitation
- 10.2.94 D.7 Protecting the environment workshop-programme
- 10.2.95 D.7 Protecting the environment workshop-presentation
- 10.2.96 D.7 Protecting the environment workshop-pictures
- 10.2.97 D.7 VERDE.TEC exhibition-invitation
- 10.2.98 D.7 VERDE.TEC exhibition-pictures
- 10.2.99 D.7 NTUA lecture-presentation
- 10.2.100 D.7 CUGM conference-programme
- 10.2.101 D.7 CUGM conference-presentation circular economy
- 10.2.102 D.7 CUGM conference-presentation LIFE RE-WEEE
- 10.2.103 D.7 CUGM conference-pictures
- 10.2.104 D.7 Reuse.Reduce.Recycle conference-programme
- 10.2.105 D.7 Reuse.Reduce.Recycle conference-invitation
- 10.2.106 D.7 Reuse.Reduce.Recycle conference-presentation
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- 10.2.109 D.7 Municipalities training workshops-pictures
- 10.2.110 D.7 Forum for Science-programme
- 10.2.111 D.7 Forum for Science-presentation
- 10.2.112 D.7 Forum for Science-pictures
- 10.2.113 E.1 Del Minutes of 1st ACP meeting
- 10.2.114 E.1 Del Minutes of 2nd ACP meeting
- 10.2.115 E.1 Del Minutes of 3rd ACP meeting
- 10.2.116 E.1 Del Minutes of 4th ACP meeting
- 10.2.117 E.1 Del Minutes of 5th ACP meeting
- 10.2.118 E.1 Del Minutes of 6th ACP meeting
- 10.2.119 E.1 Del Minutes of 7th ACP meeting
- 10.2.120 E.1 Participant list of 1st Monitoring Team Audit
- 10.2.121 E.1 Presentation of 1st Monitoring Team Audit
- 10.2.122 E.1 Participant list of 2nd Monitoring Team Audit
- 10.2.123 E.1 Presentation of 2nd Monitoring Team Audit
- 10.2.124 E.1 Participant list of meeting with TMO_13/7/2017
- 10.2.125 E.1 Presentation of kick-off meeting
- 10.2.126 E.2 Del Quality Assurance and Quality Control Handbook
- 10.2.127 E.2 Del 1st report of Project progress assessment
- 10.2.128 E.2 Del Validation of Project Specific Indicators
- 10.2.129 E.2 Del Report on the Project Specific Indicators performance
- 10.2.130 E.3 Del Handbook of CO₂ emissions estimation
- 10.2.131 E.3 Participant list of CFG meeting
- 10.2.132 E.3 CO₂ Factors
- 10.2.133 E.3 Del 1st annual report for the project's carbon footprint

10.3 Annexes of Financial Part

- 10.3.1.1 Consolidated financial statement (Excel)
 - 10.3.1.1.a Payment request – signed
 - 10.3.1.1.b Consolidated financial statement – signed
- 10.3.1.2 Financial Statement – ECYCLE (Excel)
 - 10.3.1.2.a Individual Cost Statement – ECYCLE
 - 10.3.1.2.b Personnel costs – ECYCLE
 - 10.3.1.2.c Travel and subsistence costs – ECYCLE
 - 10.3.1.2.d External assistance – ECYCLE
 - 10.3.1.2.e Equipment – ECYCLE
 - 10.3.1.2.f Consumables – ECYCLE
 - 10.3.1.2.g Other costs – ECYCLE
 - 10.3.1.2.h Funding – ECYCLE
- 10.3.1.3 Financial Statement – HRA (Excel)
 - 10.3.1.3.a Individual Cost Statement – HRA
 - 10.3.1.3.b Personnel costs – HRA
 - 10.3.1.3.c Travel and subsistence costs – HRA
 - 10.3.1.3.d External assistance – HRA
 - 10.3.1.3.e Equipment – HRA
 - 10.3.1.3.f Consumables – HRA
 - 10.3.1.3.g Other costs – HRA
 - 10.3.1.3.h Funding – HRA
- 10.3.1.4 Financial Statement – ECOREC (Excel)
 - 10.3.1.4.a Individual Cost Statement – ECOREC
 - 10.3.1.4.b Personnel costs – ECOREC
 - 10.3.1.4.c Travel and subsistence costs – ECOREC
 - 10.3.1.4.d External assistance – ECOREC
 - 10.3.1.4.e Equipment – ECOREC
 - 10.3.1.4.f Consumables – ECOREC
 - 10.3.1.4.g Other costs – ECOREC
 - 10.3.1.4.h Funding – ECOREC
- 10.3.1.5 Financial Statement – GF (Excel)
 - 10.3.1.5.a Individual Cost Statement – GF
 - 10.3.1.5.b Personnel costs – GF
 - 10.3.1.5.c Travel and subsistence costs – GF
 - 10.3.1.5.d External assistance – GF
 - 10.3.1.5.e Equipment – GF
 - 10.3.1.5.f Consumables – GF
 - 10.3.1.5.g Other costs – GF
 - 10.3.1.5.h Funding – GF
- 10.3.1.6 Financial Statement – HUA (Excel)
 - 10.3.1.6.a Individual Cost Statement – HUA
 - 10.3.1.6.b Personnel costs – HUA
 - 10.3.1.6.c Travel and subsistence costs – HUA
 - 10.3.1.6.d External assistance – HUA
 - 10.3.1.6.e Equipment – HUA
 - 10.3.1.6.f Consumables – HUA
 - 10.3.1.6.g Other costs – HUA
 - 10.3.1.6.h Funding – HUA

- 10.3.1.7 Financial Statement – RREUSE (Excel)
- 10.3.1.7.a Individual Cost Statement – RREUSE
- 10.3.1.7.b Personnel costs – RREUSE
- 10.3.1.7.c Travel and subsistence costs – RREUSE
- 10.3.1.7.d External assistance – RREUSE
- 10.3.1.7.e Equipment – RREUSE
- 10.3.1.7.f Consumables – RREUSE
- 10.3.1.7.g Other costs – RREUSE
- 10.3.1.7.h Funding – RREUSE
- 10.3.2.1a Travel and subsistence costs invoice_AΔ187_7-10-2016
- 10.3.2.1b Travel and subsistence costs invoice_AΔ158_7-3-2016
- 10.3.2.1.c Travel and subsistence costs invoice_AΔ157_1-2-2016
- 10.3.2.2.a External assistance invoice_TYA3301_12-4-2016
- 10.3.2.2.b External assistance invoice_817_14-3-2017
- 10.3.2.2.c External assistance invoice_201606_16-9-2016
- 10.3.2.3.a Equipment invoice_ΤΠ60037100_13-4-2016
- 10.3.2.3.b Equipment invoice_2928959_14-4-2016
- 10.3.2.3.c Equipment invoice_ΤΠ81374_27-10-2016
- 10.3.2.4.a Other costs invoice_TM1271_30-3-2016
- 10.3.2.4.b Other costs invoice_13-541_14-6-2016
- 10.3.2.4.c Other costs invoice_92_6-6-2017