



LIFE Project Number
LIFE14 ENV/GR/000858

Progress Report
 Covering the project activities from 01/01/2016 to 30/11/2016

Reporting Date
03/02/2017

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

Data Project

Project location:	Greece, Belgium
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

Name Beneficiary:	Appliances Recycling S.A.
Contact person:	Haris Angelakopoulos
Postal address:	196 Sygrou Av. & 2 Charokopou Str, 17671
Telephone:	2105319762-5
E-mail:	hangelakopoulos@electrocycle.gr
Project Website:	www.reweee.gr

1. Table of contents

Contents

1. Table of contents.....	2
2. List of key-words and abbreviations.....	3
3. Executive summary.....	4
3.1. General progress.....	4
3.2. Assessment as to whether the project objectives and work plan are still viable..	5
3.3. Identified deviations, problems and corrective actions taken in the period	5
4. Administrative part	7
5. Technical part.....	10
5.1. Progress per action	10
A. Preparatory actions.....	10
B. Implementation actions	12
C. Monitoring of the impact of the project actions.....	22
D. Public awareness and dissemination of results	24
E. Project management and monitoring of the project progress	33
5.2. Envisaged progress until next report.....	37
5.3. Impact.....	40
5.4. Outside LIFE	44
6. Financial part	45
6.1. Costs incurred.....	Σφάλμα! Δεν έχει οριστεί σελιδοδείκτης.
7. Annex.....	45
7.1. Annexes of Administrative part	45
7.2. Annexes of Technical part.....	45

Contents of tables

Table 1 Achievements of Action A.1 within the reporting period.....	11
Table 2 Achievements of Action B.1 within the reporting period.....	13
Table 3 Achievements of Action B.2 within the reporting period.....	15
Table 4 Achievements of Action B.3 within the reporting period.....	16
Table 5 Achievements of Action B.4 within the reporting period.....	17
Table 6 Achievements of Action B.5 within the reporting period.....	20
Table 7 Achievements of Action B.6 within the reporting period.....	22
Table 8 Achievements of Action C.1 within the reporting period.....	23
Table 9 Achievements of Action D.1 within the reporting period.....	24
Table 10 Achievements of Action D.2 within the reporting period.....	25
Table 11 Achievements of Action D.4 within the reporting period.....	26
Table 12 Achievements of Action D.5 within the reporting period.....	29
Table 13 Achievements of Action D.6 within the reporting period.....	30
Table 14 Achievements of Action D.7 within the reporting period.....	32

Table 15 Achievements of Action E.1 within the reporting period	34
Table 16 Achievements of Action E.2 within the reporting period	35
Table 17 Achievements of Action E.3 within the reporting period	36
Table 18 Table of Indicators	43
Table 19 Cost incurred January – November 2016. Σφάλμα! Δεν έχει οριστεί σελιδοδείκτης.	
Table 20 Budget and Hours consumption January – November 2016..... Σφάλμα! Δεν έχει οριστεί σελιδοδείκτης.	

Contents of diagrams

Diagram 1 Project Organization Chart.....	8
Diagram 2 Gantt Chart	39

2. List of key-words and abbreviations

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

3. Executive summary

3.1. General progress

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 at 1st of January 2016, afterwards EC approval of the proposal. The present Progress report constitutes the complete recording of the Project implementation for the period time January 2016 – November 2016, concerning the deliverables and the activities that took place within the reporting period.

At the beginning of the Project, three (3) management groups 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 to be received, in order to facilitate the proper progress of the Project. The contribution of the management groups was crucial, in order to tackle barriers that the Project group addressed.

During the current period, all “Implementation Actions” (Actions B) are in progress either at early or in advanced stage. The main activities that were foreseen to be implemented are the analysis of the donation/exchange platform specifications and requirements, the organization of Consultation Forums with the participation of the Project stakeholders, the development of the 1st issue of specifications and technical requirements for collection, transfer, sorting and storage of WEEE and the constitution of the call of interest for the Municipalities election for SCs operation. Within the reporting period, the donation/exchange platform is under development and the required specifications have been analysed with the contribution of experts in topics of preparing for reuse and reuse of EEE, during the 1st Thematic Forum. According to the approved proposal, 12 Consultation Forum (7 open forums and 5 thematic forums) should be organized in total. For the current period, 3 Forums have taken place (2 Open and 1 Thematic Forum), by exceeding the targets of participants. These forums were crucial for the project progress, as the main discussed topics were concerned the definition of SCs technical requirements and tackling of the barriers that have been addressed. Moreover, the 1st issue of specifications and technical requirements for collection, transfer, sorting and storage of WEEE was delivered, constituting the base for the activities definition that will take place in the SCs. Finally, there is a delay of 2 months for the constitution of the call of interest for the Municipalities election, due to legislative restrictions the Project team addressed, concerning authorization and spatial framework of SCs activities, as described in detail at the charter “3.3 Identified deviations, problems and corrective actions taken in the period” and in the corresponding Action B.5 at the Technical part of the present report. Implementation Actions are followed by supporting actions, such as state-of-the-art report (Action A.1) 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.

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, as it is recorded to the monthly reports that are submitted to the Monitoring Team Auditor.

3.2. Assessment as to whether the project objectives and work plan are still viable

Project viability is ensured through the continuous optimization of the project work plan by the Project Committees. No significant delays and problems have been observed during the project implementation. Even though the project progress is in an early stage, since the most significant activities are planned to be implemented at the 2nd year of the project, in some cases the approved objectives of the project have been achieved in a satisfactory level during the actions implementation.

Deviations in the foreseen timetable that have been performed, described analytically in the corresponding chapters in the present report, do not affect the overall implementation of the actions and the achievement of the project objectives.

Moreover, the management of project resources is smooth, with only minor changes among the approved amounts per action in the same budget line, but without affecting the overall consumption of the instalment payment.

Finally, the objectives of the project promote EEE re-use and WEEE preparing for re-use. This clearly falls under 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.

3.3. Identified deviations, problems and corrective actions taken in the period

Within 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 was tackled them sufficiently. The delays that have been occurred have no impact to the overall progress of the Project.

The problems that 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:

- The Project team decided to release an integrated questionnaire concerning Actions A.1 and B.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 are requested (such as number of employees, quantities of reused equipment etc). HUA that was responsible for Action A.1 implementation proceed in releasing of a modified questionnaire, after approval by the Project team, concerning the collection of more relevant data corresponding to Action A.1.
- A delay of 2 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) by the start of the project was not sufficient in order to define the type of the environmental permit and procedures required for the authorization of such type of facilities. 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.

- 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 proceed with the current legislation 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, out of the Project frame. 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 (7.2.12 B.5 Issue of infrastructure and operation technical requirements of SCs) 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 at 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. After the technical requirements of SCs definition and the submission to the BoD of GF, according to the internal procedures of GF, that is responsible for the tender constitution, a period time of 1 – 1,5 month is required for the approval of the final technical requirements of SCs, and therefore the call of interest inception, that constitute Project milestone, and therefore the tender issue for the Municipalities election, that constitute deliverable of Action B.5, is estimated to be launched within January 2017.

Financial issues:

- Personnel budget concerning GF partner is divided to permanent and additional staff. GF is composed by secondment 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 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 at June 2016. For this reason, personnel costs of GF employees are deviated downwards from the foreseen budget.

4. 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 Progress reports (including Mid-term and Final reports), guidance and monitoring of financial statement reports, according to E.C. 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 required to meet every 6 months (in total 8 times), or when the project progress requires, beginning with the kick-off-meeting that took place at 3/3/2016. The ACP members are referred at the GA. During the kick-off-meeting, the ACP recommendation was revised according to the following 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.

Project Management Group (PMG) undertakes supporting role to the ACP. One representative of each beneficiary constitute the PMG and are responsible for the daily monitoring and management of the Project.

The PMG is also supported by Quality Assurance and Quality Control Group (QA/QC Group) and Carbon Footprint Group (CFG), responsible for the determination and monitoring of Project Progress Indicators and the monitoring and assessment of each action carbon footprint, respectively.

The organization chart and the representatives that compose each individual group of Project are referred in the following diagram:

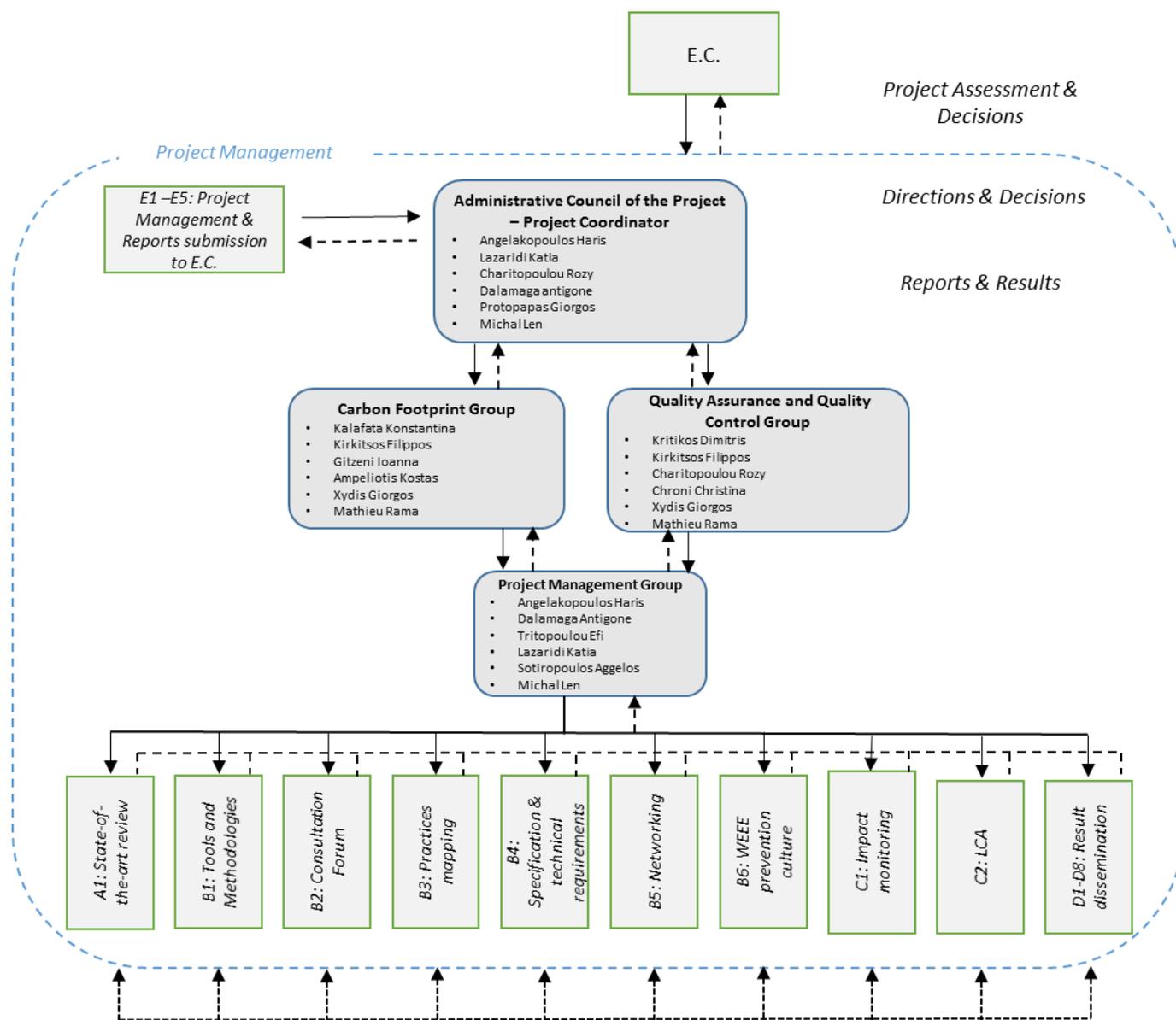


Diagram 1 Project Organization Chart

The meetings of the three supporting groups are not regular, but are convened when necessary for the proper project progress, while individual meetings of the involved beneficiaries take place to facilitate the implementation of the individual actions.

During the reporting time, the following meetings took place:

- 1st ACP meeting: 3/3/2016 (kick-off-meeting)
- 2nd ACP meeting: 13/6/2016
- 1st CFG meeting: 13/6/2016
- Partners meeting: 14/6/2016
- Partners meeting: 20/7/2016
- Partners meeting: 6/9/2016
- 1st QA/QC group meeting: 8/11/2016
- 3rd ACP meeting: 15/11/2016

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, are not included in the above list. In some case, teleconference communication with RREUSE representatives took place, resulting in saving recourses of the Project and reduction of Project Carbon Footprint.

During the reporting period, the following activities took place in the context of the project management:

- ✓ Signing of Grant Agreement, 1/12/2015
- ✓ Preparing and signing of Partnership Agreement
- ✓ 1st installment of E.C. contribution, 18/12/2016
- ✓ Development and delivery to Monitoring Team Audit 10 monthly progress report.
- ✓ Establishment of supporting groups for project implementation
- ✓ 1st Monitoring Team Audit, 23/5/2016
- ✓ Completion of all partners' timesheets
- ✓ Preparation and development of Progress report

The 1st Monitoring Team visit was held at 23/5/2016 at “Appliances Recycling S.A.” offices. Representatives of all beneficiaries participated in this meeting (*7.2.53 E.1 Participant list of Monitoring Team Audit*). The issues raised by Monitoring Team visit were delivered to Coordinating beneficiary “Appliances Recycling S.A.” as Annex of the EASME letter by the date 11/7/2016. Itemized responses to EASME letter are submitted at the present report as Annex *7.1.1 Response to EASME letter at 11/7/2016 of Monitoring Team visit*.

Deliverables documents within reporting period

- 7.1.1 Response to EASME letter at 11/7/2016 of Monitoring Team visit
- 7.1.2 Partnership Agreement ECOREC
- 7.1.3 Partnership Agreement GREEN FUND
- 7.1.4 Partnership Agreement HRA
- 7.1.5 Partnership Agreement RREUSE
- 7.1.6 Partnership Agreement HUA

Since part of the stakeholders were the same with those in Action B.1, an integrated questionnaire of both Actions was distributed (7.2.2 *Integrated Questionnaire A.1-B.1_En*), according to Project team decision. So as Action B.1 is still in progress, the deadline for the completed questionnaires set defined in December 2016, and therefore the state-of-the-art report will be revised 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 (7.2.3 *A.1 Questionnaire_EL*, 7.2.4 *A.1 Questionnaire_En*). Moreover, 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.

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 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	August 2016	The Report was revised in November 2016, in order to include updated data of initiatives, and analysis of interviews.
Reporting of good practices	20	21	
Legislative facilitations and barriers	50 interviews/questionnaires	60 questionnaires were distributed. 48 Responses: • 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.
Reporting of studies regarding economic tools	30	32	

Table 1 Achievements of Action A.1 within the reporting period.

Deliverables within reporting period

7.2.1 A.1 Del State-of-the-art report

Supporting documents within reporting period

7.2.2 Integrated Questionnaire A.1-B.1_En

7.2.3 A.1 Questionnaire_EL

7.2.4 A.1 Questionnaire_En

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

Project actions		2016	2017	2018	2019
B1	Foreseen	[Orange bar spanning 2016-2019]			
	Actual	[Green dots]	[Green dots]	[Green dots]	[Green dots]

Progress

The progress of Action B.1 is performed within the scheduled timetable. RREUSE is responsible for Action implementation and collaborated with ECOREC, ECYCLE, HUA and HRA during the initial time period. Action B.1 is divided in three sub-actions, with only sub-action B.1.1 to fall under the reporting period. RREUSE has been working on an inventory of existing measurement methodologies of WEEE re-use and preparation for re-use, according to sub-action B.1.1, started on March 2016. To perform this, three questionnaires (7.2.2 *Integrated Questionnaire A.1-B.1_En*, 7.2.5 *B.1 Questionnaire for Producer Responsibility Organisations (PROs)*, 7.2.6 *B.1 Questionnaire for Local Authorities*) were developed aiming to gather data about calculation methods, categories of measured WEEE, input-output sources, measurement units used and other relevant information from three different groups of stakeholders: WEEE re-use centres (through RREUSE members), extended producer responsibility organisations (through the participation of ECYCLE and the WEEE-Forum – a consortia of WEEE EPR schemes in Europe) and local authorities (through RREUSE contacts with several local authorities associations related to waste management: ACR+, Zero Waste Europe and Municipal Waste Europe). One of the three questionnaires constitutes integrated version with Action A.1, as it was decided by the Project team, due to common part of stakeholders that the questionnaire was addressed to.

Additionally, data collection for B.1.1 & B.1.2 took also place through site visits of several RREUSE members WEEE treatment facilities (Envie (Strasbourg), Camara (Dublin), CF2D (Brussels), De Kringwinkel-Televil (Vilvoorde), De Kringwinkel-Ateljee (Ghent)) and meetings with stakeholders as well, described below analytically:

- EU Member States representatives (Greece, Germany, France, Spain, Belgium, Cyprus, Sweden, Estonia) negotiating the Circular Economy Package were invited by RREUSE to discuss a preparing for re-use target at the European level. The Spanish representative explained the calculation of the WEEE preparing for re-use target implemented in Spain.
- Monthly meetings with RREUSE members involved in WEEE management via the RREUSE WEEE-WG (minutes available upon request).
- Meeting with the largest extended producer responsibility organisation in Europe promoting WEEE re-use: Eco-Systèmes (France).
- Participation to CEN/CENELEC meetings on standards on collection and logistics and on preparing for re-use. This included 4 meetings on the collection and logistics standards and 6 meetings concerning the WEEE preparing for re-use standard. RREUSE participation in the standardisation meeting is possible via ECOS (the European Environmental Citizens Organisation for Standardisation). The results of some of these

University facilities. The main theme of this Forum was the development of the WEEE exchange platform. The forum was attended by representatives of all the partners, the IT group of Harokopio University that are responsible for the implementation of the platform and experts in topics concerning the preparing for reuse and reuse of EEE, representatives from the fields of Social Economy, who gave examples of good practices on reuse issues, through teleconference. The relevant minutes are submitted as Annex 7.2.7 B.2 *Minutes of 1st Thematic Consultation Forum*. The participants list is included in the minutes of the 1st Consultation Forum while the indicators determining the success of the 1st Consultation Forum are recorded in *Table 3 Achievements of Action B.2 within the reporting period* of this report.

The 1st Open Consultation Forum was organised by the project’s team at 20/7/2016 at GF facilities. Before the Forum implementation, an informative letter (template at 7.2.10 B.2 *Municipalities informative letter*) concerning LIFE RE-WEEE short description and information about the 1st Open Consultation Forum organization, was delivered to all Municipalities of the 2 regions. More than 90 persons from 48 different bodies participated this Forum. The relevant minutes for this Forum are submitted as Annex 7.2.8 B.2 *Minutes of 1st Open Consultation Forum*, while the indicators of progress determining the success of this Consultation Forum are recorded in *Table 3 Achievements of Action B.2 within the reporting period* of this report.

The 2nd Open Consultation Forum was organised and implemented by the project’s team at 22/9/2016 in Nea Triglia Chalcidice. More than 113 people from 58 different bodies participated this Forum. The relevant minutes for this Forum are submitted as Annex 7.2.9 B.2 *Minutes of 2nd Open Consultation Forum*, while the indicators of progress determining the success of this Consultation Forum are also recorded in *Table 3 Achievements of Action B.2 within the reporting period* of this report.

It should be stressed that the minutes submitted will comprise the Final Deliverable entitled “1st Annual report containing the Minutes of the Consultation Forum” which is to be completed by the 31st December 2016 and submitted with the Mid-term report on 31/10/2017.

This action is expected to progress smoothly throughout the implementation of the progress and according to the timetable set to the Grant agreement. Moreover, 2 more Consultation Forums, are expected to be implemented until the next reporting period.

Delays

No delays have been performed during the Action implementation

Comparison with established targets

Indicators of progress (Open Consultation Forum)	Target	Achievement	Comments
Number of registrations received before each Open Consultation Forum.	30 registrations	1 st Open Consultation Forum (121) 2 nd Open Consultation Forum (58)	The target to this indicator has been achieved to the first 2 Consultation Forums so far. It is also expected to be achieved in the future Forums
Number of participants in each Open Consultation Forum	30 participants	1 st Open Consultation Forum (90) 2 nd Open Consultation Forum (113)	The target set to this indicator has been achieved to the first 2 Consultation Forums so far. It is also expected to be achieved in the future Forums
Number of different bodies participated in each Open Consultation Forum	20 different bodies	1 st Open Consultation Forum (48) 2 nd Open Consultation Forum	The target to this indicator has been achieved to the first 2 Consultation Forums so far. It is

spatial framework – e-mail). Due to the additional activities that take place in SCs (such as storage), they could not be included in common spatial framework with Green Recycling Centers. Therefore, ACG 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 further SCs, out of the Project frame.

Moreover, environmental authorization restrictions set by the National Legislation were not fixed by the start of the project. 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 present 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 was sent at 1/6/2016 (*7.2.15 B.5 Final proposal for MD 1958/2012 modification – e-mail*). According to M.D. 1958/2012 amendment, which entered into force at 10/8/2016 by M.D. 37674/2016 (ΦΕΚ 2471/Β/10-8-2016) (*7.2.16 M.D. 37674/2016 (ΦΕΚ 2471/Β/10-8-2016)*), SCs are now 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”)). The corresponding modification is referred at page 24 of the document (yellow marked).

Additionally, by the 1st Consultation Forum (20/7/2016), the Project Team addressed constrains by Municipalities side, concerning the availability of suitable properties that are in compliance with the current Legislation and the defined specifications - although 7 Municipalities had declared interest by sending supporting letters (included in the annex at the proposal submission) - the Political Will that is required for the Municipalities participation to the call of interest and their commitment for the infrastructure providing.

As it was described at Action B.2, Municipalities of regions of Attika and Central Macedonia were informed for the LIFE RE-WEEE Project by an informative letter (template at *7.2.10 B.2 Municipalities informative letter*). Afterwards, for the period time of July – November, visits to Municipalities of Attika and Central Macedonia (*7.2.17 B.5 Municipalities visits*) that have already declared interest for the SCs' installation within their boundaries, took place by representatives of all Beneficiaries, for detailed information regarding the spatial required specifications and visits of contingent available properties, in order ECYCLE to proceed in modifications of the SCs technical specifications, in order to be adapted to Greek reality. 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 technical specifications. The ACG suggested as alternative solutions the providing of leasing infrastructures by an individual or partnership of Municipalities. Moreover, ACG makes efforts in order regions of Attika and Central Macedonia to contribute to SCs operation and support LIFE RE-WEEE projects.

The Management Plan of the SCs will be revised continually according to the addressed constrains and obstacles, till the final specifications to ensure the proper operation of the SCs. Sub-action B.5.2 includes the conduction of call of interest for the Municipality and the operation contractor company selection. In the context of Municipality selection, the QA/QC Group, based on the draft Management Plan, defined the SCs' technical requirements of the informative issue, in order to be included at the call of interest issue by 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, as also raised after an extensive market research through brokers, by the Project team. The issue of SCs' technical requirements includes the following topics, according to the approved proposal:

- Definition of SCs capacity
- Definition of workplaces requirements
- Definition of WEEE categories that the SCs will manage
- Definition of WEEE resources for the SCs
- Definition of the activities that take place in the SCs

Afterwards, ACP meeting was held to define the final evaluation criteria, in order to be able to assess 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 GF. This Committee role is 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 (7.2.12 B.5 Issue of infrastructure and operation technical requirements of SCs), will be submitted to GF Board of Directors at early December, followed by the proposed evaluation mechanism system (7.2.13 B.5 Evaluation mechanism system), through a "rapporteur letter" by ASC. According to the internal procedure of GF, Board of Directors will proceed in the approval or in the amendment of the informative issue and evaluation criteria. The Evaluation Committee of GF assumes full responsibility for the final form of the informative issue, as well as for the evaluation of results. It is estimated that the call of interest will be launched within January 2017.

In parallel, contacts between Legal Departments of ECYCLE and GF have taken place in order the procedure of call of interest to be defined, due to National Legislation amendments concerning the public body completion procedure. GF has already proceed in the development and drafting of the call of interest documents (invitation of tender and online platform for submission of corresponding documents).

The description of the contract between the Green Fund and the selected Municipalities concerning the equipment provision for the SC's operation has been defined by the legal department of GF. The equipment selection will arise by separate contests conducted by GF. All the specifications described in the Action B.4, will be available for the participant Municipalities to the call of interest.

All Municipalities will be invited to the 3rd Open Consultation Forum (Action B.2), to be informed in detail regarding their participation in the call of interest. It is estimated that the 3rd Forum will take place within January 2017 at Green Fund offices after the call of interest will be launched.

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 does not fall also within the reporting period.

Finally, Sub-actions B.5.5 and B.5.6 that will be implemented after SCs operation concern public and stakeholder information regarding the operation of 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 2 months. This deviation is due to 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 compliance to National Legislation. Moreover, the respond time for the Municipalities in order to declare their interest concerning the participation in the LIFE RE-WEEE project depends on the level of their Political Will and this for the majority takes long time. Moreover, due to National Legislation restrictions, determination of the evaluation criteria and SCs spatial specifications were also delayed. Therefore, approval of contest evaluation criteria by the Board of Directors of GF is delayed, since the final informative issue is required to be deposited for approval, according to their internal regulations. The evaluation criteria and the informative issue will be finalized in early December, where the 4th ACG meeting will take place.

According to internal procedures of GF, a period time of 1 – 1,5 month is required for the approval of the evaluation mechanism system, proposed by ASC.

This delay is not expected to affect the proper implementation of the project, as the determination of the final proper SCs operation specifications are important for the expected results of the Project.

Comparison with established targets

Indicators of Progress	Target	Achievement
Development and operation of pilot SCs	Development and operation of 2 SCs till 1/2018	Development of technical specifications of SCs and corresponding documents to call of interest. The SCs operation is foreseen to be started on 1/2018

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

The expected results of this Action, despite the one referred in the above table, concern the period after SCs operation and do not fall in the reporting period of the present report.

Deliverables within reporting period

Only supporting documents are referred to this Action

Supporting documents within reporting period

- 7.2.12 B.5 Issue of infrastructure and operation technical requirements of SCs
- 7.2.13 B.5 Evaluation mechanism system
- 7.2.14 B.5 Proposal for SCs spatial framework – e-mail
- 7.2.15 B.5 Final proposal for MD 1958/2012 modification – e-mail
- 7.2.16 M.D. 37674/2016 (ΦΕΚ 2471/Β/10-8-2016)
- 7.2.17 B.5 Municipalities visits

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

Project actions		2016	2017	2018	2019
B6	Foreseen	[Timeline bar from April 2016 to December 2018]			
	Actual	[Timeline bar from March 2016 to December 2018]			

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, concerning design and development of a collaborative web-based platform for EEE donation and exchange, is set to be developed by HUA in two stages, corresponding respectively to Activities B.6.1.1 and B.6.1.2. The first stage, which concerns the design and development of the LIFE RE-WEEE platform, is in progress, while its deliverable (the pilot LIFE RE-WEEE platform) is expected to be completed by the 31/3/2017, as anticipated. The implementation of the second stage will follow as anticipated in April 2017.

More specifically, throughout the reporting period (01/01/2016 - 30/11/2016) the following tasks were completed.

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. 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 meeting regarding platforms, in the framework of Action B.2, which took place at 14/6/2016 (the minutes of the meeting and further details are provided in Action B.2).

A report with the outcomes of the analysis was delivered to the coordinator in the end of June 2016 (7.2.18 B.6 Analysis of platform requirements).

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).

Since the completion of the requirements analysis, HUA has been tasked with the development of the platform architecture, which consists 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 being developed with Python language standards through the use of the Django framework.

The development of the front-end interface is at initial stage, including a simple user registration capability, an NGO registration capability, and registration to the platform through social networking media (Facebook, Twitter and Google Plus). The user may have a profile page within the platform, which (s)he can update his/her data (email account, password, location and avatar). The user also has access to incoming messages from other users, to profile notifications, and to donations.

The collaborative platform will be delivered in the end of March 2017, as anticipated.

Sub-action B.6.2 concerns 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 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 5 months. The project hopes to collect 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. Discussions are currently underway to see what synergies may be created between the “Restart Project” and the LIFE RE-WEEE project, in order to find out how the LIFE RE-WEEE repair events can collect data and indicators that will be compatible with the “Restart Project” data-collection database and possibly to use the data indicators and any other available source to narrow down the household appliances which are most repairable and the range of the appliances to be included in the repair guide overview.

Delays

No delays have been performed during the Action implementation

Comparison with established targets

Indicators of Progress - Milestone	Target	Achievement
Requirements and design analysis of the collaborative web-based platform	June 2016	Milestone completed The platform is under development.

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

The others indicators of this Action progress concern targets that could be performed after platform pilot operation, thus are not fall in the reporting period of the present report.

Deliverables within reporting period

No deliverables are foreseen for the reporting period

Milestones within reporting period

7.2.18 B.6 Analysis of platform requirements

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

Project actions		2016	2017	2018	2019
C1	Foreseen	[Timeline bar from 2016 to 2019]			
	Actual	[Timeline bar with green dots from 2016 to 2019]	[Timeline bar with green dots from 2017 to 2019]	[Timeline bar with green dots from 2018 to 2019]	[Timeline bar with green dots from 2019 to 2019]

Progress

Action C.1 is in progress as foreseen to the timetable. ECYCLE is responsible for this Action implementation. The project team defined the environmental indicators concerning “B: Implementation actions”, based on the Project Specific Indicators that have been submitted at the GA, according to the sub-action C.1.1. These indicators are performed in the corresponding Milestone at Annex 7.2.19 C.1 Mil Environmental indicators of implementation actions and will be validated during the project progress.

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 and validated. The environmental indicators will be monitored by this platform. The excel file document,

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

Project actions		2016	2017	2018	2019
D1	Foreseen				
	Actual	• • • •			

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.

In the context of this Action implementation, the logo of the Project was developed (7.2.22 D.1 *Logo RE-WEEE*), which was referred in every corresponding document to LIFE RE-WEEE, such as participant lists, presentations, reports.

Additionally, the dissemination plan of the Project results was developed (7.2.21 D.1 *Del Dissemination plan*), concerning the overall relevant activities to disseminate the results of the Project and proceed to information of the public and stakeholders. To facilitate dissemination activities of the Project, a database, including all categories of stakeholders (i.e. journalists, bodies and companies concerning WEEE management etc.), was developed (7.2.23 D.1 *Database of target – groups*).

Throughout the next months, and according to progress indicators of this Action, main communication messages for the Project basic principles promotion will be published.

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	Next revision 6/2017
Logo	6/2016	1/2016
Stakeholders database	6/2016	6/2016 (Dynamic list, will be revised)
3 main communication messages	6/2019	6/2019

Table 9 Achievements of Action D.1 within the reporting period

Deliverables within reporting period

7.2.21 D.1 Del Dissemination plan

Supporting documents within reporting period

7.2.22 D.1 Logo RE-WEEE

7.2.23 D.1 Database of target – groups

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

Project actions		2016	2017	2018	2019
D2	Foreseen	[Timeline bar from Jan 2016 to Jun 2019]			
	Actual	[Timeline bar with green dots from Jan 2016 to Jun 2019]	[Timeline bar with green circles from Jan 2017 to Jun 2019]	[Timeline bar with green circles from Jan 2018 to Jun 2019]	[Timeline bar with green circles from Jan 2019 to Jun 2019]

Progress

The implementation of this Action is in progress within the foreseen timetable. ECYCLE is responsible for implementation. [LIFE RE-WEE website](http://www.reweee.gr/en) was developed and it is updated within the Project progress. Within the reporting period (January – November 2016), 7.214 views were reported at the corresponding Annex 7.2.25 D.2 Google Analytics report – LIFE RE-WEEE website.

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 10 Achievements of Action D.2 within the reporting period

Deliverables within reporting period

7.2.24 www.reweee.gr/en

Supporting documents within reporting period

7.2.25 D.2 Google Analytics report – LIFE RE-WEEE website

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

Project actions		2016	2017	2018	2019
D3	Foreseen				[Timeline bar from Apr 2019 to Jun 2019]
	Actual				[Timeline bar with green circle from Apr 2019 to Jun 2019]

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.

Barcelona Tech has been carried out, for the creation of an open source platform (<http://www.ereuse.org/en/>) for the traceability of e-waste (IT equipment), at what stages it can be traced prevention, preparation for reuse, recycling.

- In April 2016, RREUSE representative participated in the final conference on transposition of the EU WEEE Directive into Spanish law, that includes a target on preparing for re-use of WEEE. Networking activities with the Project “ECORAEE” took place.
- The LAWPreT project is an Erasmus+ program that provides training to local authority employees in Greece, Cyprus and Slovenia on waste prevention. LIFE RE-WEEE was presented by “Appliances Recycling S.A.” at the LAWPreT Local Authority waste prevention training seminars at the Municipality of Nikaia – Ag. Ioannis Rentis (17/5/2016), Municipality of Ag. Anargyroi – Kamatero (20/5/2016) and Municipality of Kifisia (10/6/2016) respectively. Moreover, LIFE RE-WEEE project participated at the LAWPreT project final conference that was held in the Athens Chamber of SMEs industries (BEA) at 24/6/2016 as well. The conference was open to general public, and representatives from public bodies and private companies also participated, such as Local Authorities, Ministry of Environment & Energy, NGOs, waste management companies, Alternative Waste Management Systems and representatives from the Academic Community.
- A meeting was held with the “REPAIR CAFÉ” foundation’s president and Director at 23-24/6/2016 in Amsterdam 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.
- The 2nd Open Consultation Forum took place in Nea Triglia Chalcidice in parallel with the 4th Working Group meeting on Energy Efficiency and Conference for the "Contribution of Local Authorities to the decrease of CO₂ emissions and the transition to Circular Economy" co-organized by the Municipality of Nea Propontida and “EGTC Efxini Poli”, 22/9/2016. Detailed description of this event is given at the Action B.2.
- Participation of HUA, beneficiary of LIFE RE-WEEE, in the International Solid Waste Association (ISWA 2016) at 19-21/9/2016. HUA participated in a workshop organized in the context of the conference by the COST ReCrew project (European network for innovative recovery strategies of rare earth and other critical metals from electrical and electronic waste), and also in consultation about information in prevention and re-use of EEE issues and networking with other projects in related fields (e.g. COST ReCrew and LIFE CRM recovery project).
- Networking with the “REBus” Project (<http://www.rebus.eu.com/>) took place in the context of CRNI Conference in Dublin in 12/10/2016, by exchanging information among the participants.
- In the context of RREUSE WEEE working group (WG) dissemination of project objectives at a RREUSE meeting in Dublin (14/10/2016) took place, including discussion topics for the feasibility of stronger policy support for preparing for re-use activities of WEEE at both national and European level. EPA, University of Limerick (Department of Electronic and Computer Engineering) and “WISER” Life Project participated the meeting.
- Presentation of LIFE RE-WEEE project in the International Workshop of the LIFE WEEEN Models which was organized within the “Festival della Scienza”, 1-3/11/2016. Networking contacts were made with all participating projects and experts (e.g. LIFE WEEENMODELS, LIFE MED, ECORAEE, University of Udine).

Within this activity, on 2/11/2016 a meeting with LIFE RE-WEEE representative and the representatives of the LIFE WEEENModels consortium – more specifically, representatives of T-Bridge, AMIU and the Municipality of Genova – was held, exchanging valuable data regarding the e-waste problem. Moreover, the participants exchanged information regarding the platform that is being developed in the framework of LIFE RE-WEEE, since LIFE WEEENModels has also developed a platform.

- Contacts with the “Restart Project” were made on November. “Restart Project” promote “pop-up parties” for electronics repair events. Discussions are currently underway to see what synergies may be created between the “Restart Project” and the LIFE RE-WEEE project, in order to find out how the LIFE RE-WEEE repair events can collect data and indicators that will be compatible with the “Restart Project” data-collection database and possibly to use the data indicators and any other available source to narrow down the household appliances which are most repairable and the range of the appliances to be included in the repair guide overview (see also Action B.6)
- Networking with the Life Project EWR+ - European Week for Waste Reduction took place by the participation of RREUSE representative in the EWR and translation of the Spanish CO₂ calculator outlining the benefits of re-use, which includes electronic equipment categories in November 2016.
- Regular contact between RREUSE and “CloseWEEE” project occurs within 2016, especially concerning their Recycling Information Centre tool where RREUSE and members have been asked to comment.

The list of projects was established by the project’s team during the first 3 months of the project implementation. This list is dynamic and will be will be enriched within the Project progress. The relevant list, the status of communication and the way of communication are submitted as Annex 7.2.27 D.5 *Mil Database of related to WEEE projects* of this report in the form of a table. More specifically, the project’s team has established contact with 16 projects directly related to WEEE and 14 more projects indirectly related to WEEE (waste management projects).

Finally, in the context of the Action implementation, two (2) accounts in social media (Facebook, twitter) were created targeting to information exchange and dissemination of the Project progress.

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 performed during the Action implementation

Comparison with established targets

Indicators of progress	Target	Achievement
Number of projects contained in the developed network database and contacted by the project’s team	50	76
Number of projects response	38	30

Number of likes in Facebook	1000	207
Number of followers in Twitter	200	28

Table 12 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

7.2.27 D.5 Mil Database of related to WEEE projects

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

Project actions		2016	2017	2018	2019
D6	Foreseen	[Timeline bar]			
	Actual	[Timeline bar with green dots]			

Progress

The Action is in progress within the foreseen timetable. ECYCLE is responsible for implementation. 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 at 11/5/2016 at the Ceremony Hall of Harokopio University of Athens (7.2.29 D.6 Photos of 1st Press Conference). Journalists from newspapers and “skai TV” channel joined the event (7.2.30 D.6 Journalists’ participant list). The 1st press release (7.2.31 D.6 1st press release) was delivered and published in Mass Media, as presented in Annex 7.2.28 D.6 Del Publications in Mass Media - Interviews, 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” (7.2.28 D.6 Del Publications in Mass Media - Interviews), introducing the benefits of prevention of WEEE production and reuse. Finally, an article describing the main objectives of LIFE RE-WEEE project was published at a weekly newspaper “ΚΕΦΑΛΑΙΟ” (7.2.28 D.6 Del Publications in Mass Media - Interviews).

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 half of the foreseen number of leaflets, concerning general description of the Project in both languages (12.000 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 is under development.

The 1st newsletter is under development and will be released via e-mail at early of January, including information concerning the 1st year of Project implementation.

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

Three (3) out of the four (4) Sub-actions of D.7 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, anticipated to start within 2016 and to produce the first outputs in 2017), 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) was set to initiate in the early stage of the Project, on the basis that it would diffuse the concept of the Project within the scientific and technical community worldwide, most effectively. Throughout the reporting period of time (January – November 2016), the LIFE RE-WEEE project and its so far results have been presented in the following conferences:

- RECIS 2016 – 2nd International Conference “Recycling in Island Regions”, 13 – 14 May 2016, Santorini, Greece (one presentation in Greek).
 - Presentation Title: “Good practices of WEEE treatment, with focus on the principles of prevention and preparation for reuse.”
 - Speaker: Ch. Angelakopoulos

The programme of the conference, the submitted paper and the presentation are provided as Annexes 7.2.32 - 7.2.34.

- CYPRUS 2016 - 4th International Conference “Sustainable Solid Waste Management”, 23 - 25 June 2016, Limassol, Cyprus (peer reviewed scientific conference – one presentation).
 - Presentation Title: “The LIFE RE-WEEE project - Development and demonstration of waste electrical and electronic equipment (WEEE) prevention and reuse paradigms”

Authors: K. Lasaridi, C. Chroni, K. Abeliotis, M. Intzeler, Ch. Angelakopoulos

The programme of the conference, the submitted paper, the presentation, and pictures are provided as Annexes 7.2.35 - 7.2.38.

- NSRF (ΕΣΠΑ), European Programms and Municipalities of Attica prefecture - 3rd Educative Workshop (audience: employees of municipalities of Attica prefecture), 31 August 2016, Athens (one presentation in Greek).
 - Presentation Title: “LIFE RE-WEEE – Development and Demonstration of Waste Electrical & Electronic Equipment (WEEE) Prevention and Reuse Paradigms (LIFE14 ENV/GR/000858)”
 - Speaker: Konstantina Kalafata

The programme of the conference, the presentation, and pictures are provided as Annexes 7.2.39 - 7.2.41.

- IHWM 2016 - 5th International Conference “Industrial and Hazardous Waste Management”, 27 – 30 September 2016, Chania – Crete, Greece (peer reviewed scientific conference – two presentations).
 - Presentation title: State-of-the-art review on waste of electrical and electronic equipment reuse in the framework of the LIFE RE-WEEE project
 - Authors: K. Lasaridi, C. Chroni, K. Abeliotis, M. Intzeler, Ch. Angelakopoulos
 - Presentation Title: Development and demonstration of waste electrical and electronic equipment (WEEE) prevention and reuse paradigms
 - Authors: K. Lasaridi, C. Chroni, K. Abeliotis, M. Intzeler, Ch. Angelakopoulos

The programme of the conference, the submitted papers and the presentations are provided as Annexes 7.2.42 - 7.2.46.

The initial target was the participation in twelve (12) conferences and nine events (seminars, exhibitions, workshops) throughout the Project implementation (42 months). Within the first eleven (11) months of implementation, and while the core Actions of the Project are still in progress, the Project and results from its early phase were disseminated through participation in: two (2) International peer reviewed scientific conferences, one (1) National conference, and one (1) Educative workshop. An overview of the achievements of Action D7 is presented in Table 1.

Up to December 2016, abstracts will be submitted to the following three (3) International Conferences:

1. CEST 2017 (15th International Conference on Environmental Science & Technology, 31 August – 2 September 2017, Rhodes, Greece),
2. ATHENS 2017 (5th International Conference on Sustainable Solid Waste Management, 21 – 24 June 2017, Athens, Greece), and
3. CEMEPE 2017 (6th International Conference of Environmental Management, Engineering, Planning and Economics, 23 – 26 June 2017, Thessaloniki, Greece).

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	3 conferences (up to November 2016)
Number of participations in events (seminars, exhibitions, workshops)	9 events	1 event (up to November 2016)

Table 14 Achievements of Action D.7 within the reporting period

Deliverables within reporting period

No deliverables are foreseen for the reporting period

Supporting documents within reporting period

- 7.2.32 D.7 RECIS conference-Programme
- 7.2.33 D.7 RECIS conference-submitted abstract
- 7.2.34 D.7 RECIS conference-presentation
- 7.2.35 D.7 CYPRUS conference-Programme
- 7.2.36 D.7 CYPRUS conference-submitted abstract
- 7.2.37 D.7 CYPRUS conference-presentation
- 7.2.38 D.7 CYPRUS conference-pictures
- 7.2.39 D.7 NSRF workshop-Programme
- 7.2.40 D.7 NSRF workshop-presentation
- 7.2.41 D.7 NSRF workshop-pictures
- 7.2.42 D.7 IHWM conference-Programme
- 7.2.43 D.7 IHWM conference-submitted abstract A.1
- 7.2.44 D.7 IHWM conference-submitted abstract RE-WEEE
- 7.2.45 D.7 IHWM conference-presentation A.1
- 7.2.46 D.7 IHWM conference-presentation RE-WEEE

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

Project actions		2016	2017	2018	2019
D8	Foreseen				
	Actual				o

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

Project actions		2016	2017	2018	2019
E1	Foreseen				
	Actual	o o o o	o o o o o o o o	o o o o o o o o	

Progress

ECYCLE, as Coordinator of the Project, is responsible for this Action implementation. Action E.1 is in progress within the foreseen timetable.

The sub-action E.1.1 includes the preparation and submission of the reports to E.C.. Till the reporting period, 11 monthly reports for the Project progress have been delivered to Monitoring Team Auditor, and the present Progress Report for the period time from January 2016 to November 2016 (11 months). Within this period, the Coordinator 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.

In the context of sub-action E.1.2, three (3) ACP meetings have been performed, including the kick-off meeting, and meetings among partners for the proper implementation of the project, as it is described analytically in the Charter "4. Administrative part". 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 *Diagram 1 Project Organization Chart*.

Delays

No delays have been performed during the Action implementation

Sub-action E3.2 is based upon the guidelines of E3.1. 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 (7.2.59 E.3 CO₂ Factors), 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 utilised in order to calculate CO₂ emissions according to the following formula:

$$[\text{data of a certain activity}] * [\text{factor of emissions}] = [\text{CO}_2 \text{ emissions}].$$

During the reporting period, no major issues have been encountered during the implementation of Action E3. The annual report for the project’s carbon footprint will be delivered in the end of 12/2016, as anticipated.

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	1 st report foreseen at 12/2016

Table 17 Achievements of Action E.3 within the reporting period

Deliverables within reporting period

7.2.57 E.3 Del Handbook of CO₂ emissions estimation

Supporting documents within reporting period

7.2.58 E.3 Participant list of CFG meeting

7.2.59 E.3 CO₂ Factors

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

Project actions		2016	2017	2018	2019
E4	Foreseen				
	Actual				○

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 E.5: External Auditing

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

Project actions		2016	2017	2018	2019
E5	Foreseen				
	Actual				○

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.

5.2. Envisaged progress until next report

As it was described above, the project implementation goes through the 11th month of the total duration and most of the Actions are in progress. The next report (Midterm report) is foreseen to be produced at 10/2017. For the period time till the next report, most of the Project Actions, and especially Implementation Actions (B) will be progressed in parallel.

More analytically:

- Action A.1 will be revised according to the questionnaires that will be received till 9/12/2016.
- Dissemination Actions will be implemented according to dissemination plan (Action D.1 – Annex 7.2.21 D.1 Del Dissemination plan)
- Within Action B.1.1 the recording measurement methodologies of re-use and preparing for reuse will be reported at the comparative analysis report, after collection of data and questionnaires.
- The 3rd Open Consultation Forum (Action B.2) will be organized when the call of interest will be launched.
- Questionnaires concerning Action B.3 will be developed, in order to be distributed to stakeholders.
- 6 technical specification files will be developed in the context of Action B.4:
 - One (1) general management specification file
 - Five (5) special management specifications files for preparing for reuse of each WEEE category (except lamps)
- In the context of Action B.5, the following activities will take place:
 - Call of interest for Municipalities selection conducted by GF
 - Contest for contractors selection for SCs operation conducted by ECYCLE
 - Final Management Plan for each SC
 - A guide for WEEE management good practices for SCs' employees training
- Action B.6 will be in progress by:
 - Implementation of the web platform for donating and exchanging EEE
 - Development of a repair guide
- The 1st report of Project impact assessment will be developed (Action C.1)
- The 1st report of Project progress assessment will be developed (Action E.2)
- The 1st report of Project CO₂ emissions will be developed (Action E.3)

The continuous informing of Monitoring Team concerning the total project progress will take place through the monthly reports, as parts of Action E.1.

The Gantt chart of the overall project presented in the following diagram:



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														○	

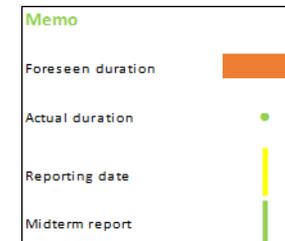


Diagram 2 Gantt Chart

5.3. Impact

Environment & Resource Efficiency: The current progress of LIFE RE-WEEE project has no direct environmental impact, since the operation of SCs and the donation platform have not started yet, and the “repair events” are foreseen to be organized from the end of 2017.

Since prevention of WEEE production and preparing for re-use are found in very early stage in Greece, the project expected results is estimated to have significant positive environmental impact in the regions of interest (Attika and Central Macedonia) where the two SCs will be located and operate, and to other areas that will develop corresponding infrastructures and activities, as the operation of SC down in the existing legislation (K.Y.A H.II. 23615/651/E.103/2014 in compliance with Directive 201/19/EU). The project environmental impact arise firstly by the restriction of WEEE production through prevention and preparing for re-use, by reduction of raw materials, energy and resources for the for the production of new products on the other, and limitation of greenhouse gasses production raised by production of new products or WEEE treatment as well.

More analytically, it is estimated that during the project duration, 310tn of WEEE (categories 5 and 6) will be prepared to be re-used through the operation of the two SCs. This is equal to a prevention of 5.470tn CO₂ emissions and savings of significant quantities of raw materials and resources. The referred quantities described above will be validated after the SCs operation and the product mix of the equipment that will be prepared for re-use.

The estimated quantities of WEEE that will be prepared for re-use concern the pilot operation of the two SCs. Hence, by the implementation of the project results in other areas throughout the territory, the environmental impact that will arise will be very significant. Moreover, the collaborative web-based platform for EEE donation and exchange will also significantly contribute to WEEE prevention, taking into consideration the nationwide operation of the platform.

Indirect impacts: The implementation of project results, after the pilot operation of the two SCs, will bring about many benefits to the Municipalities that declare interest in the development of new SCs in their boundaries, according to the technical requirements and specifications, developed by LIFE RE-WEEE. Municipalities will implement good practices of WEEE management through sorting and therefore the preparing for re-use of WEEE, resulting in positive environmental impact and achievement of EU target concerning waste reduction. The development of integrated facilities for WEEE sorting including or in collaboration with preparing for re-use facilities (services) will create new green jobs, will improve the know-how of the employees and could organize educational workshops to schools and other social groups. Moreover, as it is foreseen in the project, Municipalities could donate or provide in very low cost the re-used equipment in social groups in need. Finally, local authorities could take advantage of these facilities to collect all streams of waste, in order to proceed in environmentally sound management of produced wastes.

On the other hand, the development of a preparing for re-use measurement methodology based on the existing best methodologies, constitute main objective of LIFE RE-WEEE. The future implementation of this tool in all EU-members will be supporting in quantification of re-use and provision of corresponding data to reports to EU, facilitating in the adoption of binding quantitate targets concerning preparing for re-use and re-use at future amendments of WEEE Directive 2012/19/EU.

Table of indicators: The overall revised table of Project Specific Indicators is referred in the corresponding Action E.2 as Annex 7.2.56 E.2 *Del Revised table of Project Specific Indicators*.

As it was described in Action E.2, the indicators concerning “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 18 Table of Indicators” gathers all the collected data, focusing in the fields of interest.

The comments marked with **orange colour** referred to the revised fields. The column “State-of-play at the progress reporting period till 30/11/2016” referred 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 undergoes the 1st year of implementation. QA/QC Group, which is responsible to monitor the Project 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 are 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 the waste prevention, and therefore reduction of CO₂ emissions, as corresponding activities are foreseen to be implemented within 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 30/11/2016	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	16,00	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	7.214,00	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	1.200,00	2.000,00	2.000,00	participation in conferences (No of conference participants)
		events/exhibitions	0,00	250,00	1.000,00	2.000,00	seminars of consultation forum, workshops, press conference, stakeholders seminars
		print media	0,00	165.000	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)	0,00		100,00	500,00	poster-banner at the SCs, poster at the beneficiaries offices
		social media (Facebook, Twitter)	0,00	235,00	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	1751,00	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 18 Table of Indicators

Policy implications: 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 details at the chapter “3.3 Identified deviations, problems and corrective actions taken in the period” and at the corresponding Action B.5, Project Team tackle these restrictions when was 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 LIFE RE-WEEE Project, in order to facilitate the development of further SCs, out of the Project frame.

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

5.4. Outside LIFE

According to current National legislation framework and the National Waste Management Plan, local authorities provide for “Green Points” siting within their boundaries as part of their Local Waste Management Plan. Project team, in the context of the project, has carried out visits to Local Authorities of interest (region of Attika and Central Macedonia) by informing them in detail for the LIFE RE-WEEE progress and especially regarding SC siting requirements. During the meetings, Project team provides in parallel guidance and advice Local Authorities regarding the eventual integration of SCs in the “Green Points” that have already been designed and are going to operate. By this way, Municipalities could proceed in environmentally sound overall management of the produced wastes. This procedure falls in the scope of project objectives for WEEE reduction through sorting and preparing for re-use on the one hand, but concerns activities out of framework of the LIFE project on the other, since “Green Points” facilities have not be developed yet.

6. Financial part

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

7. Annex

7.1. Annexes of Administrative part

- 7.1.1 Response to EASME letter at 11/7/2016 of Monitoring Team visit
- 7.1.2 Partnership Agreement ECOREC
- 7.1.3 Partnership Agreement GREEN FUND
- 7.1.4 Partnership Agreement HRA
- 7.1.5 Partnership Agreement RREUSE
- 7.1.6 Partnership Agreement HUA

7.2. Annexes of Technical part

- 7.2.1 A.1 Del State-of-the-art report
- 7.2.2 Integrated Questionnaire A.1-B.1_En
- 7.2.3 A.1 Questionnaire_EL
- 7.2.4 A.1 Questionnaire_En
- 7.2.5 B.1 Questionnaire for Producer Responsibility Organisations (PROs)
- 7.2.6 B.1 Questionnaire for Local Authorities
- 7.2.7 B.2 Minutes of 1st Thematic Consultation Forum
- 7.2.8 B.2 Minutes of 1st Open Consultation Forum
- 7.2.9 B.2 Minutes of 2nd Open Consultation Forum
- 7.2.10 B.2 Municipalities informative letter
- 7.2.11 B.4 Del 1st issue of specifications and technical requirements for collection, transfer, sorting and storage of WEEE
- 7.2.12 B.5 Issue of infrastructure and operation technical requirements of SCs
- 7.2.13 B.5 Evaluation mechanism system
- 7.2.14 B.5 Proposal for SCs spatial framework – e-mail
- 7.2.15 B.5 Final proposal for MD 1958/2012 modification – e-mail
- 7.2.16 M.D. 37674/2016 (ΦΕΚ 2471/Β/10-8-2016)
- 7.2.17 B.5 Municipalities visits
- 7.2.18 B.6 Analysis of platform requirements
- 7.2.19 C.1 Mil Environmental indicators of implementation actions
- 7.2.20 C.1 Project Specific Indicators – Idom
- 7.2.21 D.1 Del Dissemination plan
- 7.2.22 D.1 Logo RE-WEEE
- 7.2.23 D.1 Database of target – groups
- 7.2.24 www.reweee.gr/en
- 7.2.25 D.2 Google Analytics report – LIFE RE-WEEE website
- 7.2.26 D.4 Del LIFE RE-WEEE banners
- 7.2.27 D.5 Mil Database of related to WEEE projects
- 7.2.28 D.6 Del Publications in Mass Media - Interviews
- 7.2.29 D.6 Photos of 1st Press Conference
- 7.2.30 D.6 Journalists’ participant list
- 7.2.31 D.6 1st press release
- 7.2.32 D.7 RECIS conference-Programme

- 7.2.33 D.7 RECIS conference-submitted abstract
- 7.2.34 D.7 RECIS conference-presentation
- 7.2.35 D.7 CYPRUS conference-Programme
- 7.2.36 D.7 CYPRUS conference-submitted abstract
- 7.2.37 D.7 CYPRUS conference-presentation
- 7.2.38 D.7 CYPRUS conference-pictures
- 7.2.39 D.7 NSRF workshop-Programme
- 7.2.40 D.7 NSRF workshop-presentation
- 7.2.41 D.7 NSRF workshop-pictures
- 7.2.42 D.7 IHWM conference-Programme
- 7.2.43 D.7 IHWM conference-submitted abstract A.1
- 7.2.44 D.7 IHWM conference-submitted abstract RE-WEEE
- 7.2.45 D.7 IHWM conference-presentation A.1
- 7.2.46 D.7 IHWM conference-presentation RE-WEEE
- 7.2.47 E.1 Del 1st Progress Report
- 7.2.48 E.1 Del Minutes of 1st ACP meeting
- 7.2.49 E.1 Del Minutes of 2nd ACP meeting
- 7.2.50 E.1 Del Minutes of 3rd ACP meeting
- 7.2.51 E.1 Participant list of kick-off meeting
- 7.2.52 E.1 Presentation of kick-off meeting
- 7.2.53 E.1 Participant list of Monitoring Team Audit
- 7.2.54 E.1 Presentation of Monitoring Team Audit
- 7.2.55 E.2 Del Quality Assurance and Quality Control Handbook
- 7.2.56 E.2 Del Revised table of Project Specific Indicators
- 7.2.57 E.3 Del Handbook of CO2 emissions estimation
- 7.2.58 E.3 Participant list of CFG meeting
- 7.2.59 E.3 CO2 Factors