

## Action D1: Dissemination of the project results

<i>Beneficiary responsible</i>	<i>Status</i>
ASA	On going

<i>Time schedule per Annex I</i>	<i>Starting date</i>	<i>End date</i>
36 Months	July 2014	June 2017

<i>Real time schedule</i>	<i>Starting date</i>	<i>End date</i>
17 Months	July 2014	On going

Action D1 encompasses all duration of the project, and involves all partners of the consortia. A description of different dissemination activities developed is detailed below (section 5.2)

Action D1 will be one of the most important actions of the project and will be carried out during and after the LIFE project execution.

It is also important to mention that all partners of the project have been working together in this action.

RENEWAT project beneficiaries has included on the report “Dissemination elements” what it has been done regarding this action D1. It is included on the **annex 7.3.3**.

### Dissemination actions

#### 1.1.1. Objectives

The main objective of the project is to demonstrate an intelligent system for renewable energy mix to be applied in the main process power consumption of WWTPs. So, Action D1: *dissemination of the project results* is set as an important action to obtain this objective. To accomplish with this purpose, the first task implemented by the consortium was the *Communication and dissemination plan* design.

Consequently, the communication objectives for the Communication and dissemination plan are focused on the problems to be demonstrated and solved:

1. To demonstrate that reduction over the cost per cubic meter of treated water can be a reality.
2. To demonstrate that reduction of electric consumption from grid is a reality by implementation of renewables, without compromising on electrical quality.
3. To demonstrate the benefits of using and aim the consumers to implement intelligent control systems in its consumptions center (homes, industries, offices, etc...);
4. To demonstrate that the implementation of RENEWAT solutions, aid to reduce the foot prints (in about 43 Ton CO<sub>2</sub> / year for every 100 kW from renewables along the Mediterranean basin);

The Communication and dissemination plan was delivered with the Inception Report (reporting date: 30/09/2014). This plan is followed by all partners as an implementation path to disseminate LIFE RENEWAT. In this sense, all dissemination activities already done are described in the following section 5.2.2.

### 1.1.2. Dissemination: overview per activity

A description of different dissemination activities developed following the Communication and Dissemination Plan is detailed below:

<b>Planned Activity</b>	<b>Audience Reached</b>	<b>Responsible</b>
Project corporate image	General audience	ASA (will support of all partners)

The design of the project's logo and corporate image has been carried out by an external graphic designer. This corporate image includes the following elements: logo, official name, and acronym. The following corporate image was designed by the 31/08/2014.(See Annex 7.2.2 "D1 Project corporate image"). It was approved by all the beneficiaries involved.



Figure 1LIFE Renewat logo

#### Progress indicators and expected results

As indicated in the proposal, the corporate image of LIFE RENEWAT project has been developed. Consequently, the project has gained visibility by creating a unique image for dissemination elements.

<b>Planned Activity</b>	<b>Audience Reached</b>	<b>Responsible</b>
Communication and Dissemination Plan	Consortium EC	ASA (All partners)

ASA elaborated with the rest of the beneficiaries a "Communication Strategy and Dissemination Plan" delivered in the Inception Report. In this report the following main points are presented: the key objectives of RENEWAT dissemination activities, scope and target groups for RENEWAT, Life RENEWAT principal message and dissemination instruments. As the dissemination of the project results is one of the priorities of RENEWAT team, the Communication Plan includes several related activities as congresses and technical articles focused on specialized public as well as mainstream press releases trying to keep LIFE-RENEWAT project in communication media. This Plan is being implemented and follow-up by the Consortium during the whole life of the project.

#### Progress indicators and expected results

Task D1.1 Communication and dissemination plan has been developed 100% and obtaining as a result the Communication and dissemination plan deliverable. Results listed on annex 7.2.2 "D1Communication and dissemination plan" show a good impact of the project dissemination until now.

<b>Planned Activity</b>	<b>Audience Reached</b>	<b>Responsible</b>
Project Website	General public	AGUA (all partners support and consensus)

The webpage has been designed and developed with the support of an external assistance. However, all partners have been involved in this activity providing contents and ideas.

The project website with URL: <http://life-renewat.com/> was uploaded by the 30/09/2014. It contains all the reference information about the environmental problem, how the project intends to solve it, the beneficiaries, project activities, expected results, updates.

Following the recommendations of the EC in the response letter (Inception Report) with regard to the improvement of the quality of our website, important efforts have been made in this sense. Consequently, the main webpages sections have been updated and completed, including more information about the description of the project, Update on the progress, News, Documents, Photo gallery, Links, Contacts and Date of the last update. Please, visit the website (<http://life-renewat.com/>) to check this information.

The website is available in Spanish (as main language of the partners) and also in English, according to the Commissions requirements, due to the emphasis given in the project to the dissemination of results amongst target groups at European level.

All the beneficiaries are actively compromised to participate on uploading information to the website and giving feedback about its appearance.

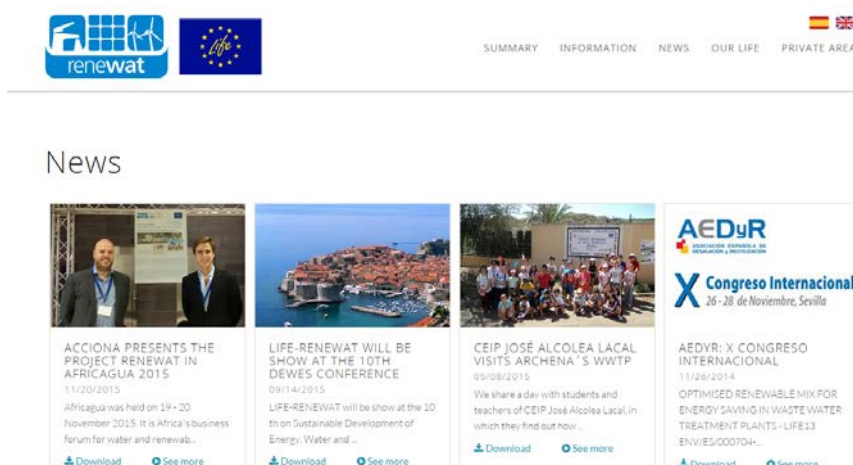


Figure 2 LIFE Renewat website

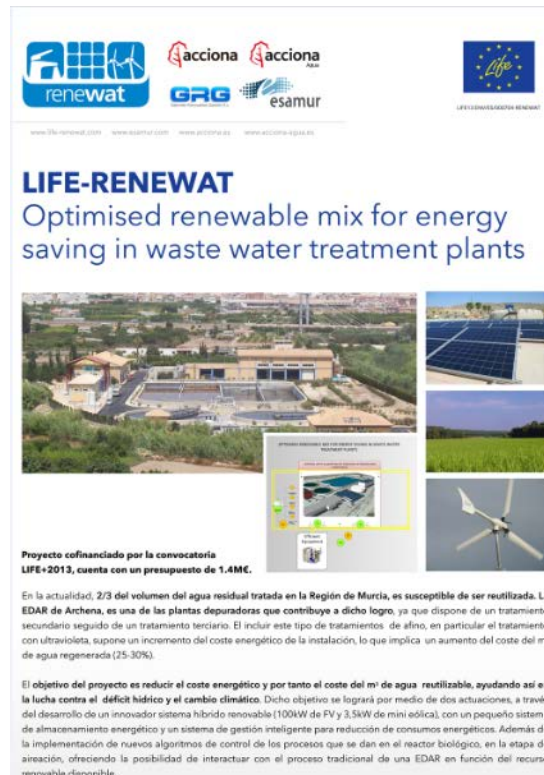
Progress indicators and expected results

Planned Activity	Audience Reached	Responsible
Noticeboards and updates (posters)	General and specialised public	All partners

Project noticeboards have also been designed and elaborated by all the beneficiaries of the project (ASA, AGUA, ESAMUR, and GRG). The noticeboards and panel have been created as compromised on the Project Communication and Dissemination plan, for being displayed during the project duration in strategic visible places in the beneficiaries' premises. The noticeboard designed describes the environmental problem targeted, the proposed methodology and the expected results.



A poster was elaborated



Another poster (see annex 7.3.3)



Furthermore, PowerPoint presentations have been created for specific events. The project coordinator, ASA together with the other beneficiaries of the project (AGUA, ESAMUR, and GRG) have been in charge of elaborating and approving the different documents created during this time period.

Progress indicators and expected results

Poster for GENERA Fair (*Galeria Innovación Genera-Feria Internacional de Energía y Medio Ambiente*) was shown: “OPTIMISED RENEWABLE MIX FOR ENERGY SAVING IN WASTE WATER TREATMENT PLANTS - LIFE13 ENV/ES/000704-RENEWAT”

The posters elaborated have been shown in the following events: GENERA, SDEWES, IWA CHILE, AFRICAGUA.

Besides, coinciding with an event organized at partners facilities, the posters have been also shown.

Planned Activity	Audience Reached	Responsible
Project brochure in English and Spanish	General public	AGUA (all partners)

AGUA was responsible of managing the design and elaboration of LIFE RENEWAT **Project brochures**. However, all beneficiaries participated in this task. The objective of these brochures is to present the project to the relevant stakeholders and also distribute them at the selected events.(Please, see Annex 7.2.2 “D1 Project brochure”)

Progress indicators and expected results

Planned Activity	Audience Reached	Responsible
2 demo videos in English	General and specialised	ASA (support of

and Spanish	audience	partners)
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As foreseen in the budget, 2 demo videos have been created. Finally, the coordinator has assumed the task to manage the preparation of the videos.

The objective of the videos is to fully explain the demonstration of the technology. Videos will be disseminated in online means and during the following events attended as fairs and other related events. Although, the elaboration of the videos was foreseen by the end of 2016, the consortium considered that the producing the videos a bit earlier will contribute to disseminate the project and its potential results during the planned events. The videos preserve the LIFE RENEWAT essence and also have been elaborated in a friendly and easy to understand way.

The videos are available at RENEWAT webpage and also including in social media channels (YOUTUBE):

- <https://www.youtube.com/watch?v=81VCKd2gZZA&feature=youtu.be>



#### Progress indicators and expected results

The video has been presented during SWEDES and Africagua events.

It is also available at RENEWAT Webpage so the potential visibility is growing up.

Planned Activity	Audience Reached	Responsible
Participation in events	Specific audience	All partners

**X AEDyR International Congress.** The Spanish Association of Desalination and Reuse (AEDyR) celebrated the 10<sup>th</sup> Congress in Sevilla on the 26, 27 and 28 of November 2014. The objective of this congress was to bring together experts in desalination reuse and water treatment from companies, universities, public institutions and research centres in an international forum and for presenting the latest innovative technologies in the areas from the research to the commercial level. A summary of the RENEWAT project was elaborated by J.D. García Espinel (ASA), C. Egea Ruiz, A. Rancaño Pérez (AGUA), P. Pérez Sánchez, P. Simón (ESAMUR) and C. Lardín (ESAMUR). It was submitted to the international congress organizers for its evaluation and acceptance. (See Annex 7.3.3)

The following project participants attended to the X AEDyR International Congress in Sevilla, with the purpose of presenting the Life RENEWAT project as one of the dissemination activities planned: Jose Daniel García Espinel ACCIONA SA. Andrés López-Aranguren Oliver ACCIONA SA. (In absence of Carlos Egea) and Paula Pérez Sanchez, ACCIONA Agua. As it is shown in the event webpage program:

<http://www.aedyr.com/congresosevilla2014/programa.html>.

During the congress, Jose Daniel García Espinel RENEWAT project coordinator presented the RENEWAT project during the technical session 2 of the congress (26<sup>th</sup> November 2014 15:30-18:30). In the following link the video of the presentation is published:

[https://www.youtube.com/watch?v=GqUklsM\\_AM8&list=PLKvenTeXfOXdV5TF73jAKE9ou5n9odutj&index=18](https://www.youtube.com/watch?v=GqUklsM_AM8&list=PLKvenTeXfOXdV5TF73jAKE9ou5n9odutj&index=18).

**GENERA 2015 Energy and Environment International Trade Fair** (URL: [http://www.ifema.es/genera\\_06/](http://www.ifema.es/genera_06/)) which took place in Madrid from 24<sup>th</sup> to 27<sup>th</sup> February 2015. This Fair showcases some of the most cutting-edge new proposal and the very latest technological advances in the energy and environmental industry. The purpose of attending to this Fair was to spread the innovative renewable energy hybrid system which will be implemented on the demonstrator plant, explain its principle of working and its advantages over both the economical and CO<sub>2</sub> emission reduction point of view.

The requirements for the election of the different projects presented were: Innovative grade, energy efficiency, applicability and strategic factor (project capacity to have influence on the development of renewable energies and energy efficiency).

A poster was presented during the fair and also several contacts made (Marcelo Izquierdo Millán from CSIC with possibilities of future collaborations)



Poster presented at Genera

### **Trends in Science and Technology Innovation in Water Management Infoday (AEAS)**

This event was organized by AEAS (Spanish Association of Water Supply and Wastewater) last 21-22 September 2015 in Madrid.

The first day was focused on the presentation of R&D lines carried out in the main Technology Centres and Universities. During the second day new technologies already available in the market for the water industry were presented.

LIFE RENEWAT project attended this event not only to promote the project but also to take advantage of the fact that the all actors involved in water innovation management would be presents. Furthermore, ESAMUR partner was part of the Infoday acting as chairman of one of the sessions. Brochures were distributed and different contacts established.

As the event was organized in Madrid no travel costs were spent.

### **10th Conference on Sustainable Development of Energy, Water and Environment Systems – SWEDES** (<http://www.dubrovnik2015.sdewes.org/>)

This event was celebrated last September 27 - October 2, 2015 in Dubrovnik, Croatia.

SDEWES Conference is dedicated to the improvement and dissemination of knowledge on methods, policies and technologies for increasing the sustainability of development by decoupling growth from natural resources and replacing them with knowledge based economy,

taking into account its economic, environmental and social pillars, as well as methods for assessing and measuring sustainability of development, regarding energy, transport, water, environment and food production systems and their many combinations.

In this sense, the attendance to the conference has been strategic for LIFE RENEWAT in order to promote and disseminate the project not only at technical but also at policy level.

Carlos Egea and Andres Lopez-Aranguren from ASA attended the Conference.

A scientific article was presented (See annex 7.3.3)

Promotional LIFE RENEWAT brochures were distributed there.



**AFRICAGUA**

Africagua was held on 19 - 20 November 2015. It is a business forum for water and renewable energy. Attendees from several African countries, international organizations and companies were gathered.

Attendees and companies were able to exchange experiences and technological know-how. Furthermore, they were able to get informed regarding opportunities related to water and renewable energy projects offered in Africa.

RENEWAT was presented in a stand during the whole forum and in the auditorium among other success projects.

Besides attendees from different African countries should be highlighted the attendance of representation from the European Commission, The World Bank and African Development Bank. Several of them came to ask and show interest on RENEWAT.





## **IWA**

On November 15<sup>th</sup>–18<sup>th</sup> 2015, AGUA partner attended the 14th World Congress on Anaerobic Digestion (IWA) as planned in the proposal. The congress was organized by the International Water Association (<http://www.ad14chile.com/>).

This conference covered a wide range of topics related with the application of Anaerobic Digestion, with the aim of attracting experts from different fields of knowledge, from all over the world. For this reason, the consortium consider strategic to attend this international event as a good opportunity to establish a path to facilitate that LIFE RENEWAT project become a real solution for the sector. A LIFE RENEWAT poster was presented there and brochures were distributed.

### *Progress indicators and expected results*

More than 500 participants to events where the project has been disseminated.

Progress indicators 4 Participation to relevant events have been also achieved.

<b>Planned Activity</b>	<b>Audience Reached</b>	<b>Responsible</b>
Awareness activities	Specific audience	ASA and ESAMUR

An activity related to awareness campaigns was organized last May 2015. A local school visited the wastewater treatment plant and discover how it works.

They also learned how LIFE RENEWAT project will help wastewater treatment plant to be more sustainable.



### *Progress indicators and expected results*

35 students attended

<b>Planned Activity</b>	<b>Audience Reached</b>	<b>Responsible</b>
Press Releases and articles	General and specific audience	All partners

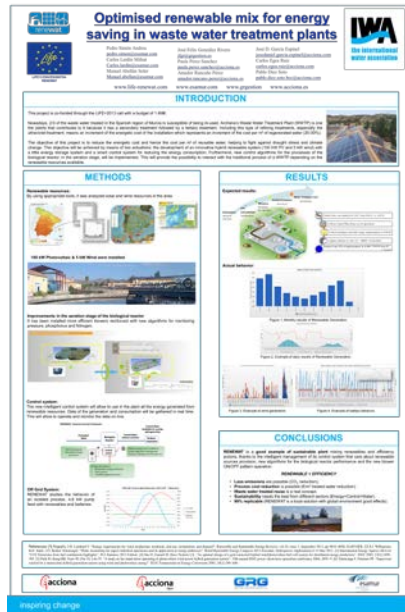
## **SMAGUA Zaragoza 2016**

Feria de Zaragoza held, from 8<sup>th</sup> to 11<sup>th</sup> March 2016, the 22<sup>nd</sup> edition of SMAGUA, International water and irrigation exhibition. Thanks to its clearly innovative position, the quality of its business meetings and technical conferences, and the numerous offers and presentations of products, equipment and technological solutions, SMAGUA has become the reference business meeting for the water and irrigation industries.

There, Amador Rancaño, expose RENEWAT project 9<sup>th</sup> March.

## IWA Jerez de la Frontera 2016

The Life-RENEWAT project participates on the 13th IWA Leading Edge Conference on Water and Wastewater Technologies. The poster exhibition opening will take place on 14<sup>th</sup> June.



RENEWAT poster for IWA Jerez de la Frontera 2016

## COITI Bizkaia

The Life RENEWAT project is presented at the Official College of Technical Industrial Engineers of Bizkaia on June 9<sup>th</sup> at 19h. Juan Duñabeitia and Noelia Dafonte were the partners who give the conference.



Several articles and press releases have been published, for further details see Annex 7.3.3 summarizes the main press releases.

### Progress indicators and expected results

12 number of press releases done

1 number of articles