



H2020 Programme

BENEFICIARY TERMINATION REPORT

PROJECT	
Project number:	818088
Title:	Network for effective knowledge transfer on safe and economic wastewater reuse in agriculture in Europe
Acronym:	SuWaNu Europe
Coordinator contact:	Rafael CASIELLES RESTOY, BIOAZUL

BENEFICIARY	
Name:	ASOCIACION ESPANOLA DE REUTILIZACION SOSTENIBLE DEL AGUA ASERSA

PERIOD COVERED	
Period (from last periodic report):	from 01/01/2020 to 25/11/2020* * Option selected in the amendment is: “The day after the notification of termination” which is 25/11/2020. However, ASERSA concluded its contribution to the project on 31/03/2020.

TABLE OF CONTENTS

TABLE OF CONTENTS	2
1. EXPLANATION OF THE WORK CARRIED OUT BY THE BENEFICIARY AND OVERVIEW OF THE PROGRESS	3
1.1 Objectives	3
1.2 Explanation of the work carried per WP.....	4
1.2.1 Work Package 1: Inventory of existing knowledge, good practices and regional analysis	4
1.2.2 Work package 2: Development of general and regional action plans	4
1.2.3 Work package 3: Knowledge exchange.....	4
1.2.4 Work package 4: Dissemination and Continuation Strategy	6
1.2.5 Work package 5: Project management	6
1.2.6 Work package 6: Ethics requirements	6
2. DEVIATIONS FROM ANNEX 1 AND ANNEX 2 (IF APPLICABLE).....	6
2.1. Tasks	6
2.2. Use of resources.....	6
2.2.1. Eligible costs	6
2.2.2. Person-months	9
2.2.3. Transfer of budget resources from ASERSA to other partners.....	9
2.2.4. Overview of payments received by ASERSA by the Coordinator	10

1. EXPLANATION OF THE WORK CARRIED OUT BY THE BENEFICIARY AND OVERVIEW OF THE PROGRESS

ASERSA is a professional, non-profit association registered in the EU Transparency Register since 26 October 2014 under the name of Asociación Española de Reutilización Sostenible del Agua whose translation into English is “Spanish Association for Sustainable Water Reuse”.

ASERSA has contributed actively to the project activities until the contract termination. In this sense, ASERSA has committed with its responsibilities as project beneficiary (e.g. attending meetings, providing inputs for deliverables and complying with administrative and reporting responsibilities.).

The present Termination Report is focused on the activities carried out by ASERSA during the second period until the termination date.

During the second period, ASERSA has worked exclusively in task 3.1 Under this task, ASERSA developed two fact-sheets within info-package 6 devoted to provide practical knowledge adapted to the needs of the target group “Authorities and policy makers”. Both fact-sheets are intended to explain main features of new EU regulation on water reuse for agricultural irrigation which has been recently approved: i.e. REGULATION (EU) 2020/741 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 25 May 2020 on minimum requirements for water reuse.

Further details are found in section 1.2:

1.1 Objectives

The specific objectives for the project as described in section 1.1 of the DoA are listed below jointly with contributions by ASERSA during the period concerned towards the achievement of each listed objective.

Table 1: SUWANU EUROPE specific objectives and ASERSA contribution

WP	SuWaNu Europe specific objectives (DoA)	Contribution of ASERSA
1	To identify and extract existing practical knowledge from projects, networks, success stories and research results with potential application for practitioners, e.g. farmers, agricultural advisory groups, water engineers and operators, etc.	Revision of EU regulation on minimum for water reuse and terminology set by European Commission
		Good practices identified for the data base of initiatives
1,2	To set the basis in a participatory and evidence-based process for the development of implementation strategies in 8 target regions.	Inputs for state of play in Andalusia regarding legal framework
		Inputs for AKIS analyses.
		Inputs for SWOT analysis.
		Support in participatory workshops organization.

2	To develop strategies and recommendations to pave the way for the implementation of water reuse solutions.	Inputs to Regional Action Plan of Andalusia.
2	To create regional networks that combine efforts within and outside the consortium to support implementation and uptake of organizational and technological solutions.	Dissemination of project results through ASERSA members and network of contacts
3	To develop, summarize and structure practical knowledge for practitioners in a way that it is easy to understand.	Development of two fact-sheets within info-package number 6.
3	To increase the capacities of practitioners and other stakeholders in water reuse for irrigation.	Lecture given by ASERSA president during participatory workshop held in Malaga
3	To strengthen the links between water and farming sectors in order to find synergies for water reuse in agriculture.	Not applicable
4	To create synergies between Regional Working Groups, operational groups and national and international networks (EIP-Agri, ERIAFF, ERRIN, EUFRAS, WIRE, WssTP, etc.), practitioners, supporting the implementation of water reuse.	Not applicable
4	To communicate and disseminate the project results using the most appropriate and well trusted communication channels, and most appropriate formats (audio-visual materials, practice abstracts, fact-sheets).	Revision of communication plan.
		Online articles and publications in social media to communicate the project activities

1.2 Explanation of the work carried per WP

1.2.1 Work Package 1: Inventory of existing knowledge, good practices and regional analysis

No contribution of ASERSA in the second period

1.2.2 Work package 2: Development of general and regional action plans

No contribution of ASERSA in the second period

1.2.3 Work package 3: Knowledge exchange

Within WP3, ASERSA has developed two fact-sheets in the frame of task 3.1. These two fact-sheets belong to info-package 6 which is focused on practice information for authorities and policy makers. The topics of the fact-sheets are:

- Fact Sheet 6.1 – New EU Regulation on reclaimed water for agricultural irrigation

- Fact Sheet 6.2 – Water Reuse Risk Management Plans.

Fact-sheet 6.1 outlays the previous publications and deals made by the European Union to regulate the use of reclaimed water for agricultural irrigation. More specifically the 2012 publication of the Commission’s Communication on “A Blueprint to Safeguard Europe’s Water Resources” as well as the “provisional deal on water reuse for agricultural irrigation” announced in December 2019 by the Council of the EU.

The fact sheet summarizes the contents of the proposed “Regulation of the European Parliament and of the Council on minimum requirements for water reuse”, which includes a series of 16 Articles and 2 Annexes, summarized with the most relevant topics.

Fact-sheet 6.2 addresses the requirement of conducting risk management plans according to the water reuse regulation. Since the proposed “European Regulation on minimum requirements on water reuse” specifically points out the need for including the risk evaluation to correct the limited extent of water reuse in EU thus far. The fact sheet goes in detail on risk management as is proposed in the Regulation. It includes the summary of all the most relevant provisions related to risk and risk management issues, as required by the Regulation. It epitomizes all the articles in which risk management is mentioned, such as Article 1, Article 2 and Article 5, and specifically focusing on the Annex II since it is entirely devoted to describing the key elements of risk management. The fact sheet includes a set of provisions for identifying and quantifying the risks involved in the reclaimed water use.



Figure 1: Screenshot of fact-sheet 6.1 developed by ASERSA within task 3.1

ASERSA also proofread fact-sheets of other participants within info-package 6.

1.2.4 Work package 4: Dissemination and Continuation Strategy

No contribution of ASERSA in the second period

1.2.5 Work package 5: Project management

No contribution of ASERSA in the second period

1.2.6 Work package 6: Ethics requirements

2 No contribution of ASERSA in the second period

2. DEVIATIONS FROM ANNEX 1 AND ANNEX 2 (IF APPLICABLE)

2.1.Tasks

ASERSA has completed its task within WP1 and WP2 as described in Annex I with no deviations.

The intention of ASERSA to terminate the Grant Agreement was communicated in early 2020. It was then agreed with the Coordinator that ASERSA will finish the completion of the two fact-sheets assigned to ASERSA within task 3.1 related to info-package number 6. This work has been completed with no deviations.

Rest of the tasks in WP3 are assumed by BIOAZUL including the following:

- Translations of fact-sheets into Spanish within task 3.1
- Organization of a training workshop within task 3.2
- Audio-visual material for the e-learning platform within task 3.5
- Policy briefs within task 3.6

In WP4, BIOAZUL assumes the contribution of ASERSA within task 4.2.2 related to producing practice abstracts following the EIP-Agri template.

More intense dissemination activity will be also conducted by BIOAZUL to compensate for ASERSA's absence during the rest of the project.

2.2.Use of resources

2.2.1. Eligible costs

ASERSA use of resources within periods 1 and 2 are summarized as follows:

Table 2: ASERSA overall budget and costs incurred during the project

ASERSA Overall budget	DoA (estimated)	Eligible costs incurred in the 1st period	Eligible costs incurred in the 2nd period	Total costs incurred
<i>Cost category</i>	<i>Euros</i>	<i>Euros</i>	<i>Euros</i>	<i>Euros</i>
Personnel	25625	5587.82	3490.45	9078.27
Travel	8750	1979.85	329.29	2309.14
Equipment	0	0.00	0.00	0.00
Other goods & services	3250	0.00	0.00	0.00
Subcontract	0	0.00	0.00	0.00
Indirect costs	9406.25	1891.92	954.94	2846.85
Total eligible costs	47031.25	9459.59	4774.68	14234.26
EU contribution	47031.25	9459.59	4774.68	14234.26

A detailed description of the costs incurred during the second period is provided below:

Table 3: Project costs incurred by ASERSA during the second period until the contract termination

Cost category	Amount (Euros)	Description
Personnel costs	3,490.45 €	4.02 person-months for the preparation of fact-sheets within task 3.1
Travel costs	329.29 €	Attendance of Mr. Rafael Mujeriego to consortium meeting held in Rome (Italy) on the 23rd - 24th of January 2020
Indirect costs	954.94 €	Flat rate of 25% of direct costs (excl. Subcontracting)
Total eligible costs	4,774.68 €	-

Costs incurred by ASERSA present the following deviations:

Table 4: Costs deviations of ASERSA project expenditures in relation to the costs foreseen in the DoA

Personnel costs declared are lower than expected
This deviation is due to: ASERSA has only participated in task 3.1 during the second period. Contract termination implies the no participation in the rest of the foreseen tasks of the second period. Moreover, a deviation in the average personnel costs estimated for ASERSA: 2,500.00€ foreseen and 869.02€ claimed (deviation -65.24%). Average personnel costs were lower than expected. The monthly rate was estimated during the proposal preparation considering the need of hiring additional staff once the project started because of the limited capacity of ASERSA. However, this estimation did not respond to the reality. The estimated monthly rate was too low to employ a highly qualified expert in water reuse. It was then considered to hire a less qualified professional who would be under guidance of the ASERSA team and lower monthly rate was finally needed. Likewise, the new staff was working part time with exclusivity for working in SUWANU EUROPE. We started with a 10 h/week contract, from 15 June 2019, expecting to increase that time load during the second part of the project where more intense work of ASERSA was expected
Travel costs declared are lower than expected
This deviation is due to: - Contract termination implies the no participation in the rest of the foreseen meetings of the second period. - Only one person from ASERSA attended the meeting in Rome, Mr. Rafael Mujeriego, while two people were expected to travel. Likewise, plane tickets and accommodation rates in Rome have been lower than estimated. In table 3.4 of Annex I, part B, travel expenses estimated for attending 2nd GM in Italy are EUR 625/person while Mr. Mujeriego reported travel costs accounting for 329.29 Euros.
There are no costs incurred in other goods and services. 0% of other goods and services have been justified by ASERSA between periods 1 and 2.
ASERSA had allocated 3,250 Euros as other goods and services. These costs included consumables for project events (1,000.0€), printing dissemination material in English and Spanish (750€), costs related to the organisation of project events in Spain (venue, catering, etc.) (1,500.0€) These resources were reserved for the organization of the training workshops in the frame of task 3.2. However, this task has been assumed by BIOAZUL as well as the corresponding resources. ASERSA has not participated in the organization of the workshop and therefore incurred in no costs.

2.2.2. Person-months

Table 5: Person-months of ASERSA compared to estimated person-months in DoA

	PM 1st Period (Actual)	PM 2 nd Period (Actual)	Total project PM (Actual)	DoA (Estimated)
WP1	2.43	0.00	2.43	1.00
WP2	4.00	0.00	4.00	1.75
WP3	0.00	4.02	4.02	2.50
WP4	0.00	0.00	0.00	3.00
WP5	0.00	0.00	0.00	2.00
WP6	0.00	0.00	0.00	0.00
TOTAL	6.43	4.02	10.45	10.25

Deviations:

The number of person-months needed by ASERSA to carry out the project activities have been higher than estimated in the DoA. In particular, for WP3 This is explained because the estimation of person-months during the proposal preparation was done taking into account a full-time staff working on the project, however, ASERSA hired a part-time employee to develop their activities. The staff person involved in the project had an exclusivity contract to work on SUWANU EUROPE. As indicated by e-mail by the financial officer on 25/02/2020, one month of dedication to the project corresponds to 1 person-month, even if the staff person was part-time employee and worked less hours than a full time employee. This situation has resulted in higher number of person-months than foreseen for WP1, WP2 and WP3.

On the other hand, ASERSA did not justified person-months for WP4 and WP5 as foreseen. ASERSA contribution to these WPs has been negligible in the second period.

2.2.3. Transfer of budget resources from ASERSA to other partners

Remaining budget resources from ASERSA has been transferred to BIOAZUL jointly with the responsibility of carrying out the pending tasks. Table below shows the transfer of resources:

Table 6: Budget transfer from ASERSA to BIOAZUL in Euros

	Personnel	Travel	Other goods and services	Indirect costs	Total
(A) Estimated budget (DoA)	25,625.00	8750	3250	9406.25	47,031.25
(B) Actual expenditures of ASERSA	9078.27	2,309.14	0	2846.85	14,234.26
Remaining resources = (A-B) transferred to BIOAZUL	16,546.73	6,440.86	3,250.00	6559.40	32,796.99

Table 7: Detail of costs transferred from ASERSA to BIOAZUL

Transfer of PERSONNEL costs (16,546.73€) from ASERSA to BIOAZUL
16,546.73€ transferred to BIOAZUL as personnel costs which implies additional 3.77 person-months for BIOAZUL (4390.02 €/month)
Transfer of TRAVEL costs (6,440.86€) from ASERSA to BIOAZUL
- 5,181.29€ transferred to BIOAZUL as personnel costs which implies additional 1.18 person-months transferred to BIOAZUL (4390.02 €/month) - 1250€ transferred to BIOAZUL as other goods and services for translation - 9.57 € transferred to BIOAZUL as other goods and services for workshop organization (task 3.2)
Transfer of OTHER GOODS AND SERVICES costs (3,250.00€) from ASERSA to BIOAZUL
3,250.00€ transferred to BIOAZUL as other goods and services: Consumable for project events (1,000.00€) and service contracts costs (2,259.57€): Printing dissemination material in English and Spanish (750€), costs related to the organisation of project events in Spain (venue, catering, etc.) (1509.57€)
Transfer of INDIRECT costs (6559.40€) from ASERSA to BIOAZUL
25% flat rate of direct costs (detailed above) transferred from ASERSA to BIOAZUL

2.2.4. Overview of payments received by ASERSA by the Coordinator

By the time of preparing the present report, ASERSA has received one single payment of 14,109.38 Euros which was transferred by the Coordinator on 31st of January 2019. No further payments have been released.