

# ERA4CS

An ERA-NET  
initiated by JPI Climate

Project: 690462 AQUACLEW



European Research Area  
for Climate Services



Full project title:

## Advancing QUALITY of CLimate services for European Water

**Milestone: M1.2**

Initial level of CS users is assessed

**EVIDENCE FOR MILESTONE COMPLETION**

Due date of milestone: 31/03/2018

Date of completion of milestone: 04/12/2018

<b>Title</b>	Initial level of CS users is assessed
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<b>Editor</b>	Lorna Little
<b>Brief Description</b>	This milestone contains the initial list of confirmed user, the initial set of questions asked and the initial interaction plan
<b>Publisher</b>	AQUACLEW Consortium
<b>Contributors</b>	María José Polo, Rafael Pimentel
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<b>Deadline for approval</b>	

Version	Date	Modified by	Comments
v1	16/12/2018	Rafael Pimentel	Template and first draft of the document
v2	04/12/2019	Rafael Pimentel	Revised version

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## 1. List of users to be interviewed

The initial focus groups were composed for those users that showed their interest in AquaClew project through a support letter in the project application. They were organized depending on their main focus in 5 groups. After a first iteration between the partner who proposed the user and the user, those that still show their willingness to participate in the iteration process are marked in the yellow highlighted column in Table 1.

**Table 1.** List of users that showed their will to participate in the focus-group experiment

<b>Focus Group 1</b>	<b>User</b>	<b>Contact person</b>		<b>Proposed by</b>	<b>Status of confirmation</b>
<b>Consultancies</b>	<b>Denomination</b>	<b>Name</b>	<b>e-mail</b>	<b>Partner</b>	
	Sweco Environment AB	Sebastian Irminger Street	<a href="mailto:sebastian.irminger@sweco.se">sebastian.irminger@sweco.se</a>	SMHI	NO
	Civile ICF, SLP	Antonio Pablo Romero	<a href="mailto:apromero@civile.es">apromero@civile.es</a>	UCO	YES
	SENER - Ingeniería y construcción	Dr. Elena Quevedo Baquerizo	<a href="mailto:elena.quevedo@sener.es">elena.quevedo@sener.es</a>	UGR	YES
	SEGES Crop & Environment	Flemming Gertz	<a href="mailto:flg@seges.dk">flg@seges.dk</a>	GEUS	NO
<b>Focus Group 2</b>		<b>Contact person</b>		<b>Proposed by</b>	
<b>Academy/research</b>	<b>Denomination</b>	<b>Name</b>	<b>e-mail</b>	<b>Partner</b>	<b>01/11/2018</b>
	IFAPA. Andalusian Research Centre for Agriculture	Dr. María Patrocinio González Dugo	<a href="mailto:mariap.gonzalez.d@juntadeandalucia.es">mariap.gonzalez.d@juntadeandalucia.es</a>	UCO	YES
	Landscape and Biocultural Heritage Laboratory, Research Group UGR	Dr. José María Martín Civantos	<a href="mailto:civantos@ugr.es">civantos@ugr.es</a>	UCO	YES
	Andalusian Institute for Earth System Research	Dr. Lucas Alados Arboledas	<a href="mailto:alados@ugr.es">alados@ugr.es</a>	UGR	YES
	University of Aarhus, Denmark	Dr. Christen D. Borgesen	<a href="mailto:christen.borgesen@agro.au.dk">christen.borgesen@agro.au.dk</a>	GEUS	NO
	University of Lund	Dr. Cintia Bertacchi Uvo	<a href="mailto:cintia.bertacchi_uvo@tvrl.lth.se">cintia.bertacchi_uvo@tvrl.lth.se</a>	SMHI	NO
<b>Focus Group 3</b>		<b>Contact person</b>		<b>Proposed by</b>	
<b>Water managers</b>	<b>Denomination</b>	<b>Name</b>	<b>e-mail</b>	<b>Partner</b>	<b>01/11/2018</b>
	FERAGUA. Andalusian Federation for Irrigation Farmers	Pedro Parias Fernández de Heredia	<a href="mailto:cgp@feragua.com">cgp@feragua.com</a>	UCO	NO
	Provincial Authority of Upper Austria	Felix Weingraber	<a href="mailto:ogw.post@ooe.gv.at">ogw.post@ooe.gv.at</a>	UIBIK	NO
	Federal Ministry of Agriculture, Forestry, Environment and Water Management	Dr. Clemens Neuhold	<a href="mailto:clemens.neuhold@bmnt.gv.at">clemens.neuhold@bmnt.gv.at</a>	UIBIK	NO
	Andalusian Regional Government	Antonio Fermin Castro Gamez	<a href="mailto:antoniof.castro@juntadeandalucia.es">antoniof.castro@juntadeandalucia.es</a>	UGR	YES
	Central Denmark Region	Rolf Johnsen	<a href="mailto:rolf.johnsen@ru.rm.dk">rolf.johnsen@ru.rm.dk</a>	GEUS	NO

<b>Focus Group 4</b>		<b>Contact person</b>		<b>Proposed by</b>	
<b>Policy makers</b>	<b>Denomination</b>	<b>Name</b>	<b>e-mail</b>	<b>Partner</b>	<b>01/11/2018</b>
	Swedish Civil Contingencies Agency	Ulrika Postgard	<a href="mailto:ulrika.postgard@msb.se">ulrika.postgard@msb.se</a>	SMHI	NO
	Federal Government in Austria	Elmar Podgorschek	<a href="mailto:lr.podgorschek@ooe.gv.at">lr.podgorschek@ooe.gv.at</a>	UIBK	NO
	Andalusian Regional Governmet	Francisco Javier Sierra Carrillo de Albornoz		UGR	NO
	Municipality of Horsens	Keld Rasmussen	<a href="mailto:kra@horsens.dk">kra@horsens.dk</a>	GEUS	NO
<b>Focus Group 5</b>		<b>Contact person</b>		<b>Proposed by</b>	
<b>Data providers</b>	<b>Denomination</b>	<b>Name</b>	<b>e-mail</b>	<b>Partner</b>	<b>01/11/2018</b>
	SMHI	Dr. Asa Sjostrom	<a href="mailto:asa.sjostrom@smhi.se">asa.sjostrom@smhi.se</a>	SMHI	NO
	KompPass, German Federal Environment Agency, UBA	Dr. Inke Schauser	<a href="mailto:inke.schauser@uba.de">inke.schauser@uba.de</a>	TUDO	NO
	CCCA Climate Change Centre Austria	Chris Schubert	<a href="mailto:chris.schubert@ccca.ac.at">chris.schubert@ccca.ac.at</a>	BOKU, UIBK	NO
	Andalusian Regional Government	José Manuel Moreira	<a href="mailto:coordinacionvicenconsejeri_a.cmaot@juntadeandalucia.es">coordinacionvicenconsejeri_a.cmaot@juntadeandalucia.es</a>	UGR, UCO	YES (a colleague on behalf of REDIAM)
	INNOVA Oceanografía Litoral, S.L	Oswaldo López	<a href="mailto:innova@oceanografialitoral.com">innova@oceanografialitoral.com</a>	UGR	YES
	Danish Coastal Authority	Kaija J. Andersen	<a href="mailto:kdi@kyst.dk">kdi@kyst.dk</a>	GEUS	NO

## 2. Outline of how contact will be made and interview conducted

- Protocols
  - Schedule 4 on-line meetings during the next months so that Focus Group (FG) members can choose a date; these dates will be decided by partners in the working group so that engagement is supported by them.
  - First meeting will be scheduled from just FG 2 (Academy/Research) members availability (doodle), and then the rest will be invited to this and the rest of options. This will help a first meeting to be scheduled before Christmas holidays or early January.
  - More information in the documents used during the meeting (included in the folder at the drive).
  - Meetings will include: initial Qs (testing their initial perception and valuing of CSs); joint discussion using the climate services demonstration; a “training and feedback” game; final Qs (testing their potential change of perception after the interaction).
- Tentative calendar
  - First meeting will be scheduled from just FG 2 (Academy/Research) members availability (doodle), and then the rest will be invited to this and the rest of options.

- This will facilitate that a first meeting can be scheduled before Christmas holidays or early January.
- On-line meetings should be finished by June 2019 (First round)
  - Second round will be done once review of the first round protocols and feedback are done.
- Initial background questions

During each on-line meeting, FG members will be asked to answer some Qs. The initial set of questions designed in June 2018 will be taken a starting point. However, some of these questions need to be reformulated to avoid duplicity after the introduction of the online feedback-loops as new methodology to be tested. Additions and comments to the shared document in WP1 folder can be made before 27 November 11.30 am.

### 3. Interview questions

#### Initial Interview for WP1 Focus Groups

##### 1. General

###### 1. Introduction

- a) Introduction of the interviewer(s)
- b) Short introduction of the AQUACLEW project and the purpose of this interview

###### 2. General information

- a) Could you please describe the mission and main activities of your organization?
- b) How many people work for your organization, and how many in your unit?
- c) What is your particular role within your organization?

###### 3. Overview of climate related

- a) How climate related data are used within decision-making and implementation processes of organisations like yours?
- b) Which decision-making or implementation processes in your organization are somehow using or are influenced by climate data?

##### 2. Initial experience

###### 1. Have you ever used any Climate Service (CS)?

- a) Yes: On an scale of 1-5, Rate the relevance of CS to your management. If YES, what CS?
- b) No: What information would you be interested in obtaining from a CS?

###### 2. Have you ever used any Climate Scenario?

- a) Yes: On an scale of 1-5, Rate the relevance of Climate Scenarios to your management
- b) No: What information would you be interested in obtaining from the Climate Scenarios?

##### 3. Initial knowledge

###### 1. Could you identify...? (please click on all you identified)

- a) Climate Forecast
- b) Climate Services
- c) Forecast uncertainty

- d) Model skill
- e) Ensemble of model

**2. Could you identify the difference between a Climate projection and a climate forecast?**

**3. Which (s) of the following would you be interested in adding to the available information?**

- a) More on uncertainty
- b) Model skill
- c) Possibility to select the ensemble and not all models

#### **4. Web Form**

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**1. Have you used Maps, Graphs & Downloads or both?**

- a) Maps
- b) Graph & Downloads
- c) both

**2. Did you find easily the information about climate impact indicators?**

1 (not easy) to 5 (very easy)

**3. Do you miss any information that you need to conduct your climate impact assessment?**

- a) No
- b) Yes. If so, what is missing? (please, write in others)

**4. How easy was it to select and navigate among indicators in the maps view?**

1 (not easy) to 5 (very easy)

**5. How easy was it to select and navigate among indicators in the graphs and download view?**

1 (not easy) to 5 (very easy)

**6. How easy was it to follow the instructions provided in the demonstrator?**

1 (not easy) to 5 (very easy)

**7. How easy was it to use the website?**

1 (not easy) to 5 (very easy)

**8. Is this service useful for you?**

1 (not useful) to 5 (very useful)

**9. Optional comment**