

**Preparatory Action on development of prevention  
activities to halt desertification in Europe  
Desertification 2012-2013**

Outline of structure and content  
of quarterly reports

Report No 1

(01/01/2014 – 31/03/2014)

**PAWA**

Pilot Arno Water Accounts

## 1. General Information

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- Name of beneficiary of grant agreement: **ISPRA – Italian National Institute for Environmental Protection**
- Official legal form: **Research public body**
- Official registration No: **NA**
- Official address: **Via Vitaliano Brancati, 48 – 00144 Rome, Italy**
- Name and title of the Project Coordinator: **Dr. Stefano Mariani**
- Name of partners in the pilot initiative
  1. **ARBA – Arno River Basin Authority** (contact person: **Lucia Fiumi**)
  2. **EMWIS TU – Technical Unit of Euro-Mediterranean Information System on know how in the Water Sector** (contact person: **Eric Mino**)
- Title of the pilot initiative: **PAWA – Pilot Arno Water Accounts**
- Grant agreement number: **07.0329/2013/671279/SUB/ENV.C.1**
- Start date and end date of the *reporting period*: **01/01/2014 – 31/03/2014**
- Target country/river basin: **Italy/Arno**

## 2. Activities undertaken and problems encountered

This chapter provides an overview of activities carried out in the reporting period, including a brief description and an assessment of their status. The activities and also numbering of activities shall correspond to activities listed in the application and hence in the grant agreement. Furthermore, problems encountered or foreseen that have or will impact an activity (and maybe a related deliverable) should be listed in this chapter, along with the proposed solution. It consists of two tables, namely Table 1 and Table 2 as presented below.

*Table 1 Status of the planned Activities, period: <01/01/2014 – 31/03/2014>, <PAWA>*

Title	Brief description of activity undertaken within the reporting period	Partners/Stakeholders involved	Status <sup>1</sup> (C, P, NS)
1. Setting the scene	<p>A) The inception workshop and training was successfully organized in Florence on March 20<sup>th</sup>–21<sup>st</sup> 2014. The workshop was introduced by the representatives of local public institutions, namely the Secretary General of the Arno River Basin Authority and the Councillor for Environment of the Municipality of Florence. The two-days workshop saw the participation and active involvement of a considerable number of local and national stakeholders (around 35 people per day) who participated to the project's illustration and to a half day of specific training on the SEEA-Water tables. Presentations, pressbook, pictures and video of the event are available in the PAWA website: <a href="http://www.emwis.net/initiatives/pawa/meetings/Inception">http://www.emwis.net/initiatives/pawa/meetings/Inception</a></p> <p>B) Inventory and description of data sources was achieved thanks to the use of a metadata Geonetwork catalogue compliant with INSPIRE directives rules. This catalogue is described in the deliverable D1.1</p> <p>C) Identification of three sub-basins (Chiana valley, Bisenzio valley and Prato plain, and Pisa area) within the Arno river basin where water accounts will have the best potential; these are described in the deliverable D1.2</p>	<p>All PAWA partners; local stakeholders and data providers/data producers, water networks operators and planners, water user associations, local government bodies, NGOs, public administrations, water licensing authorities (see list on the <a href="#">inception meeting web page</a>)</p>	C
2. Data collection	<p>Initial data collection has started together with the metadata collection within the Geonetwork catalogue</p> <p>A data inventory table matching the SEEA-Water main elements with existing data has been prepared and will be filled in during the next months as foreseen in the grant.</p> <p>An ftp repository, with private and public access, has been also implemented to collect data and results</p>	<p>All PAWA partners; data providers/data producer</p>	P
3. Building water accounts			NS
4. Optimisation of measures			NS

<sup>1</sup> C=Completed, P=In Progress, NS=not started (for results already achieved reference may be made to previous reports).

5. Assessment and reporting			NS
6. Dissemination	A series of initiatives has been carried on to promote and disseminate the project aims and results; an official web page has been created and hosted in the EMWIS web site: <a href="http://pawa.emwis.net">http://pawa.emwis.net</a> ; in addition, ISPRA and ARBA hosted two pages (in Italian) dedicated to the project in their web sites: <a href="http://www.isprambiente.gov.it/it/progetti/pawa">http://www.isprambiente.gov.it/it/progetti/pawa</a> and <a href="http://www.adbarno.it/adb/">http://www.adbarno.it/adb/</a> ; in addition, information on PAWA can be addressed to the official email address ( <a href="mailto:pawa@isprambiente.it">pawa@isprambiente.it</a> ); an official Facebook page has been also created ( <a href="https://www.facebook.com/pages/Pilot-Arno-Water-Accounts/767559079938950">https://www.facebook.com/pages/Pilot-Arno-Water-Accounts/767559079938950</a> ); the PAWA project and the relevant events were announced in different press agencies and newsletters, on EMWIS electronic news flash, and in the ISPRA and ARBA websites; a completed list of the dissemination activities is available in the interim version of deliverable 6.3	All PAWA partners	P

Table 2 Problems encountered or foreseen and suggested solution, period: <01/01/2014 – 31/03/2014 >, <PAWA>

<b>Problem encountered or foreseen:</b>	-
<b>Activity and/or Deliverable affected:</b>	-
<b>Planned/suggested solution:</b>	-

### 3. Deliverables

This chapter provides a comprehensive overview of the specific outputs of the project in the reporting period in terms deliverables (reports, databases, models, conferences, meetings, leaflets, newsletters, etc.) The progress in terms of deliverables is presented in the form of Table 3, below. The table provides an overview of all project deliverables (even those not started yet), specifying which ones have been completed and which ones are in progress, and the activities undertaken in relation to those deliverables. It highlights potential problems that may have occurred or other constraints, to enable timely corrective actions. The Deliverables shall correspond to the ones listed in the application and hence in the grant agreement.

Table 3 Deliverables, period: <01/01/2014 – 31/03/2014>, <PAWA>

# Deliverable	Name of Deliverable	Status (C, P, NS)	Brief description of the activities implemented in relation to the Deliverable	Problems, Constraints, Comments
D1.1	Catalogue of data sources and tools	C	<ul style="list-style-type: none"> <li>Following the discussions with the local stakeholders and data providers/data producers during the "1<sup>st</sup> Stakeholder Workshop and</li> </ul>	<ul style="list-style-type: none"> <li>The metadata related to the PAWA project are grouped in an ad hoc category (PAWA)</li> </ul>

# Deliverable	Name of Deliverable	Status (C, P, NS)	Brief description of the activities implemented in relation to the Deliverable	Problems, Constraints, Comments
			<p>Training Session”, metadata describing the existing data sources relevant for compiling the SEEA-Water tables have been collected in the Geonetwork catalogue</p> <ul style="list-style-type: none"> <li>• More than 100 data sources have been recorded</li> <li>• The deliverable available online in the project website<sup>2</sup> and in the public ftp repository</li> </ul>	<p>to facilitate access</p> <ul style="list-style-type: none"> <li>• Access to these metadata is password protected as it also provide access to data sets</li> <li>• The platform will be continuously updated</li> </ul>
D1.2	Priorisation list of sub-basins	C	<ul style="list-style-type: none"> <li>• On the basis of the info provided by ARBA, it was decided during the Kick-off Meeting to focus the analysis within the larger Arno watershed on three specific sub-basins, namely Chiana valley, Bisenzio valley and Prato plain, and Pisa area</li> <li>• The applicability of SEEA-Water will be performed over these three areas characterized by different water exploitation issues</li> <li>• These sub-basins were identified using as criteria: vulnerability to drought and water scarcity; data availability; and operational governance structure</li> <li>• The deliverable available online in the project website<sup>3</sup> and in the public ftp repository</li> </ul>	-
D2.1	Repository of data sets	P	<ul style="list-style-type: none"> <li>• The metadata Geonetwork platform and an FTP repository (with both public and private access) have been created and progressively populated during this reporting period in order to be finalised in the next months (as planned in the grant)</li> <li>• The deliverable not yet available, since it is planed at T0+6</li> </ul>	-
D6.1	Project leaflet	C	<ul style="list-style-type: none"> <li>• A first version of the project leaflet has been prepared for dissemination with information concerning the project general aims, areas of investigation, methodologies, deliverables, etc.</li> <li>• Information about the call and the other projects funded is also included</li> </ul>	-

<sup>2</sup> <http://www.emwis.net/initiatives/pawa/deliverables/d1.1-catalogue-data-sources>

<sup>3</sup> <http://www.emwis.net/initiatives/pawa/deliverables/d1.2-prioritisation-list-sub-basins>

# Deliverable	Name of Deliverable	Status (C, P, NS)	Brief description of the activities implemented in relation to the Deliverable	Problems, Constraints, Comments
			<ul style="list-style-type: none"> <li>The leaflet has been circulated during the first stakeholder workshop; two updated versions are foreseen during the project's lifetime</li> <li>The electronic version is available online in the project website<sup>4</sup> and in the public ftp repository</li> </ul>	
D6.3	Detailed list of dissemination activities, including project presentations during events	P	<ul style="list-style-type: none"> <li>This deliverable will be completed, as foreseen in the grant, at the end of the project (T0+15)</li> <li>An interim version is already online to provide the status of the dissemination and concertation actions implemented during the first activity period (T0+3)</li> <li>An updated version will be available at T0+6, T0+9, and T0+15</li> <li>The deliverable is available in the project website<sup>5</sup> and in the public ftp repository</li> <li>The deliverable contains either hyperlinks to the actions or indication where to find further information</li> </ul>	-

#### 4. Meetings

This chapter provides an overview of the meetings that took place in the reporting period, including a brief description of their purpose. It consists of one table, namely Table 4 as presented below.

Table 4 Meetings, <01/01/2014 – 31/03/2014>, <PAWA>

Meeting name	Purpose of the meeting	Partners/Stakeholders involved	Location	Dates
PAWA Kick-off Meeting	Start-up of the project; definition and planning of the actions to be undertaken during the first three months (T0-T0+3); planning of the 2014 project meetings	All PAWA partners	Florence	28 JAN 2014
Programme Kick-off Meeting	Concertation with DG ENV on topics and aims of the "Water accounts" programme; networking with the projects funded by the	Delegation of projects' partnership, DG ENV	Brussels	05 FEB 2014

<sup>4</sup> <http://www.emwis.net/initiatives/pawa/deliverables/d6.1-pawa-project-leaflet>

<sup>5</sup> <http://www.emwis.net/initiatives/pawa/deliverables/d6.3-detailed-list-dissemination-activities-including-project-presentations>

	Programme (present and previous calls)			
1 <sup>st</sup> Stakeholder Workshop and Training Session	Concertation with local stakeholders and data providers/data producers of the three sub-basins (see deliverable 1.2) selected within the Arno river basin for the application of SEEA-Water; training session on SEEA-Water with a particular focus on the tool applicability and on data necessary for the compilation of the tool tables; definition and planning (only PAWA partners) of the actions to be undertaken during the following three months (T0+4-T0+6)	All PAWA partners, local stakeholders and data providers/data producers	Florence	20–21 MAR 2014

## 5. Other issues

This chapter provides a summary of additional important information.

- There is a change into the ISPRA staff involved in the project, with respect to what reported into the grant. Mr Saverio Venturelli, due to other business issues cannot provide his contribution to the project. We are started the administrative procedure to active and ad hoc temporary position to cover Mr Venturelli's task (mainly related to activities 3–5). In the meanwhile, Ms Francesca Piva (researcher senior and GIS expert) and Dr Carlo Percopo (researcher and expert on statistics on water budget) are currently supporting the ISPRA activity.
- There is a change into the EMWIS staff involved in the project, as Mr Benoit Fribourg-Blanc was not available to contribute to the inception workshop, he was replaced by Ms Florence Pintus who has a significant experience with environment statistics (MedStat Environment project)

## 6. Updated Work Plan

This chapter provides an updated outlook of the work plan regarding the whole period of implementation. If the work plan is unchanged, you may simply refer to the previous report or to the application work plan.

Table 5 Work plan, <01/01/2014 – 31/03/2015 >, <PAWA>

Months	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>Activities</b>															
1. Setting the scene															
2. Data collection															
3. Building SEEA W															
4. Optimisation of measures															
5. Assessment and reporting															
6. Dissemination and concertation															

Months	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>Meetings<sup>6</sup></b>															
PAWA Kick-off Meeting (1 <sup>st</sup> Team Working Meeting; 28 JAN 2014)	X														
Programme Kick-off Meeting (1 <sup>st</sup> EU Concertation Meeting; 05 FEB 2014)		X													
1 <sup>st</sup> Stakeholder Workshop and Training Session + 2 <sup>nd</sup> Team Working Meeting (20–21 MAR 2014)			X												
CIS WG "Water Accounts" – 1 <sup>st</sup> Meeting (4 APR 2014)				X											
Sub-DG on E-flows guidance (28 APR 2014)				X											
3 <sup>rd</sup> Meeting of the OECD Water Governance Initiative (28–29 APR 2014)				X											
3 <sup>rd</sup> Team Working Meeting via Skype (6 MAY 2014)					X										
2 <sup>nd</sup> Stakeholder Workshop + 4 <sup>th</sup> Team Working Meeting (1–3 JUL 2014)							X								
34 <sup>th</sup> Italian Conference of Hydraulics and Hydraulic Construction (IDRA14; 8–10 SEP 2014)									X						
3 <sup>rd</sup> Stakeholder Workshop + 5 <sup>th</sup> Team Working Meeting (dates tbc)										X	X				
CIS WG "Water Accounts" – 2 <sup>nd</sup> Meeting (30 OCT 2014)										X					
PAWA Final Meeting (dates tbc)														X	

<sup>6</sup> The meeting list does not contain the EU Concertation Meetings (dates tbc by DG ENV), the First Dissemination and Awareness Meeting in GuaSEEAW+ project (which foresees a section with all the projects funded by the present "Water Accounts" call – initially planned on 23 April), and other dissemination meeting at national, European and international levels not yet defined/selected.