




An Ecosystem of Citizen Observatories for Environmental Monitoring

WeObserve D.1.1 Kick-off meeting summary and detailed project workplan

Work package	WP1: Project Coordination, Management and Support
Task	Task 1.1: Project and consortium administrative management
Deliverable Lead	IIASA
Authors	Dahlia Domian – IIASA (Main author), Inian Moorthy – IIASA, Uta Wehn – IHE Delft
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Partners



Distretto delle Alpi Orientali



Revision and history chart

Version	Date	Main author	Summary of changes
0.1	18/01/2018	Dahlia Domian	Initial draft based on kick-of meeting notes
0.2	29/01/2018	Inian Moorthy	Restructure tables and edit sections
0.3	30/01/2018	Uta Wehn, Dahlia Domian, Inian Moorthy	Review and edits; addition of annexes
1.0	31/01/2018	Dahlia Domian, Inian Moorthy	Final submitted version

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List of abbreviations and acronyms

Abbreviation	Meaning
CO	Citizen Observatory
EU	European Union
FP7	Seventh Framework Program
EO	Earth Observation
CoP	Community of Practice
GEO	Group on Earth Observation
EC	European Commission
DG-ENV	Directorate-General for Environment
COWM	Citizen Observatories for Natural Hazards and Water Management
MOOC	Massive Open Online Course
GROW	GROW Observatory
GEOSS	Global Earth Observation System of Systems

Executive Summary

The primary mission of the WeObserve project, officially launched in December 2017, is to move citizen science into the mainstream by building a sustainable ecosystem of citizen observatories and related activities. The WeObserve consortium brings together the current H2020 COs (Ground Truth 2.0, GROW, LandSense, Scent) to actively open up the citizen science landscape through wide ranging networks, users, and stakeholders, including ECSA, GEOSS, and Copernicus, to foster social innovation opportunities. This report summarizes the discussions and activities undertaken during the kick-off meeting on December 12-13, 2017 in Laxenburg, Vienna. In addition to the meeting agenda, key outcomes are also described that will help guide the successful implementation of the project.

1 Introduction

The WeObserve kickoff meeting was held at the International Institute for Applied Systems Analysis (IIASA) in Laxenburg, Austria on December 12-13, 2017. Its underlying objectives were to: Move from the WeObserve vision highlighted in the proposal stage to actual implementation; Identify key outcomes and assign responsibilities to partners; Identify WP interdependencies and establish timelines; and Contribute to deliverables. All seven partner institutions from seven different countries were represented at this two-day event, of which a few participants joined remotely via teleconferencing due to bad weather conditions in the region.

The meeting, organized by the project coordinator (IIASA), established an ambitious agenda that generated discussions around key topics related to each WP. In addition, it aimed at fostering engagement between the partners, stimulating enthusiasm, and inaugurating successful working relationships. The following report outlines the activities carried out during the kick-off meeting and some of the main outcomes.

2 WeObserve Consortium

The kick-off meeting brought together the partner institutions from across Europe to enhance current Citizen Observatories (COs) by exploring synergies among them and understanding the interoperability connecting them, and to learn from each other in an effort to build a sustainable CO ecosystem (Figure 1). Of the seven members of the multidisciplinary consortium (Table 1), five are research institutes or universities, one is a public body and one is a professional network. A listing of the meeting participants is provided in Annex 1.



FIGURE 1: WEObSERVE CONSORTIUM AT KICK-OFF MEETING AT IIASA, LAXENBURG, AUSTRIA.

TABLE 1: WEObSERVE PROJECT CONSORTIUM

No.	Organization	Short Name	Country
1	International Institute for Applied Systems Analysis	IIASA	Austria
2	IHE-Delft Institute for Water Education	IHE-DELFT	Netherlands
3	University of Dundee	UNIVDUN	United Kingdom
4	Ecological and Forestry Applications Research Centre	CREAF	Spain
5	Institute of Communication and Computer Systems	ICCS	Greece
6	European Citizen Science Association	ECSA	Germany
7	Alto Adriatico Water Authority	AAWA	Italy

3 Meeting Agenda and Activities

An overview of the activities during the two-day kick-off meeting are presented in Tables 2 and 3.

TABLE 2: ACTIVITIES OF DAY 1 OF THE KICK-OFF MEETING

Topic	Activities
Introduction	<ul style="list-style-type: none"> Welcome and Workshop Objectives Introduction of Policy and Project Officer Presentation from Policy Officers (Marjan van-Meerloo, Jesus Maria Alquezar Sabadie) WeObserve Project Plan/DOW/WPs WeObserve Management & Coordination

Topic	Activities
WP2 Discussion	WP2: Co-create and strengthen the CO knowledge base (Uta Wehn) <ul style="list-style-type: none"> Action plans for the WeObserve Communities of Practice (CoPs) Synthesis of Discussion Session WP2
WP4 Discussion	WP4: Facilitate adoption into earth observation initiatives (Joan Masó Pau) <ul style="list-style-type: none"> Action plans for WeObserve integration with GEO-related activities Synthesis of Discussion Session WP4
Recap & Closing remarks	<ul style="list-style-type: none"> Action items, partner responsibilities, workflow

TABLE 3: ACTIVITIES OF DAY 2 OF THE KICK-OFF MEETING

Topic	Activities
Introduction	<ul style="list-style-type: none"> Welcome and Agenda for Day 2
WP3 Discussion	WP3: Stimulate uptake of the citizen observatories knowledge base (Drew Hemment) <ul style="list-style-type: none"> Action plans for WeObserve toolkits and learning program Synthesis of Discussion Session WP3
WP5 Discussion	WP5: Dissemination, Communication, and Outreach (Evangelia Portouli) <ul style="list-style-type: none"> Action plans for dissemination, communication, outreach and knowledge platform Synthesis of Discussion Session WP5
Synthesis	Discussion of Year 1: Action plan, responsibilities, targets and outcomes
Administration & Wrap-up	Action items, partner responsibilities, workflow <ul style="list-style-type: none"> Teleconferencing Feedback from partners

4 Key Questions and Outcomes

The highlighted agenda and activities during the meeting helped to achieve a highly productive and successful start to the WeObserve initiatives. From the WP discussions, detailed notes were recorded that will contribute to working reports and future deliverables.

At the beginning of each session, WP leads made introductory presentations for their respective WPs and led discussions with a focus on: the design and action plan for each WP; identifying key outcomes and deadlines; identifying interdependencies and linkages across WPs; exploring potential WeObserve events; and assigning roles and responsibilities. The key outcomes from the meeting are outlined in Table 4.

TABLE 4: OUTCOMES FROM THE KICK-OFF MEETING

Outcomes	Related WPs	Dependencies
WP1: Project Coordination, Management and Support <ul style="list-style-type: none"> WeObserve internal exchange platform on Google Drive was established to facilitate document sharing, collaboration, archiving and discussion; Trello may be used as a communication tool to manage particular tasks Setup monthly telecon (via WebEx) for the full consortium for the first 6 months and then re-evaluate Establish follow-up telecon with EC Project Officer Deliver Kick-off meeting summary report (D1.2) 	WP1	All Deliverables
WP2: Co-create and strengthen the CO knowledge base <ul style="list-style-type: none"> T2.1 Map EU landscape of existing COs: method/research approach <ul style="list-style-type: none"> What to map: COs, CoPs, Working groups individual stakeholders; Parameters; Interactions <ul style="list-style-type: none"> Mapping strategies: Desk research; 5 focus groups; 20 in-depth interviews Visualization options and reports ECSA to initiate action plan and also data collection template for mapping exercise Linking/Collaborating with DG-ENV contract winners to minimize overlap in mapping activities T2.2: Launch and coordinate CoPs <ul style="list-style-type: none"> Leadership of initial CoPs <ul style="list-style-type: none"> CoPs: 1 and 2 to be led by IHE-DELFT; CoP 3 to be led by CREAM Venues to showcase COs/meeting of CoPs <ul style="list-style-type: none"> ECSA conference (Jun 3-5, Geneva); Abstract submissions for WeObserve to launch CoPs 1,2,&3 (IHE-Delft) Assess feasibility of June 6 CoP workshops after ECSA conference (ECSA) EGU meeting (April 8-13, Vienna); Abstract submitted (IIASA) Citizen Observatories for Natural Hazards and Water Management (COWM) Conference (Nov 27-30, Venice) (AAWA) 3rd GEO Data Providers Workshop (May 2-4, Frascati) 	WP2 WP3 WP4	D2.1, D2.2

Outcomes	Related WPs	Dependencies
<p>WP3: Stimulate uptake of the citizen observatories knowledge base</p> <p>Dimensions:</p> <ul style="list-style-type: none"> Infrastructure: MOOCs (FutureLearn), social and peer2peer learning, community building Toolkits: Tools to facilitate and enable rigorous citizen science Certificates in citizen science/COs: valued and can also be accredited <ul style="list-style-type: none"> T3.1 Toolkits to scale up citizen engagement <ul style="list-style-type: none"> Languages of toolkits Licensing Define approach for toolkits Define delivery mechanism for toolkits Define dissemination approach for toolkits Define evaluation of toolkits Inventories of existing tools to avoid overlap T3.2 Distance learning courses – MOOCs <ul style="list-style-type: none"> Possibility to open up GROW MOOC on sensing for WeObserve contributions (WP2, WP4) Potential articles from WeObserve partners added to MOOC to be delivered in March Task 3.3 Coordinate capacity development and road shows <ul style="list-style-type: none"> T3.3.1 Road-show (aiming for at least 5 events) (IHE Delft) <ul style="list-style-type: none"> Devise criteria for selecting suitable events and structure for holding the roadshows. WP5 to reach right audience; feed into cookbook. T3.3.2 Open data exploitation challenge <ul style="list-style-type: none"> Intellectual property of ideas generated, data licensing and data ownership 	<p>WP2 WP4 WP5</p>	<p>D3.1</p>
<p>WP4: Facilitate adoption into Earth Observation</p> <ul style="list-style-type: none"> T4.3 Demonstrate value added and collaboration potential for Copernicus in-situ monitoring services <ul style="list-style-type: none"> Collaboration from AAWA, ICCS, and IIASA for pilot and data collection Scaling up CS activities and increasing attractiveness for GEOSS (Global Mosquito Alert) T4.4 to begin earlier Connections with dissemination communication and outreach (WP5) 	<p>WP2 WP3 WP5</p>	<p>TBD</p>

Outcomes	Related WPs	Dependencies
WP5: Dissemination, Communication, and Outreach <ul style="list-style-type: none"> Define the dissemination/communication channels and align them to target audiences; establish a task force for D/C Design the knowledge platform & marketplace Establish initial website (https://www.weobserve.eu/) Establish twitter channel (@WeObserve) Identify key messages for target audiences Generate a list of events that partners are involved in to integrate WeObserve events Outline workplan for D5.1 	WP2 WP3 WP4	D5.1

5 Project Detailed Workplan

In addition to the fruitful discussions and initial plans listed above, the kick-off meeting acted as a basis to clarify and establish partner roles and responsibilities. As such, and building on the WeObserve proposal, the project is developing a detailed workplan to facilitate clear communication across the consortium regarding partner roles and responsibilities. This workplan is to be distributed to all partners using the shared Google Sites platform, and will act as a living document to be revised on an as-needed basis to ensure flexibility throughout the project duration. As part of this workplan, a guiding allocation of person months and task level will be defined for each WeObserve partner in the coming months. Furthermore, partners will periodically add to the responsibility matrix (Figure 2) that will be aggregated to formulate the workplan. Annex 2 includes the meeting presentation slides prepared for each work package, detailing strategies and planned activities that will feed into the responsibility matrix.

WeObserve								
WP2 - SUPPORT: CO-CREATE AND STRENGTHEN THE CITIZEN OBSERVATORIES KNOWLEDGE BASE (Lead: IHE-DELFT)								
TASK	TASK NAME	PARTNERS	RESPONSIBILITIES	PMs	DELIVERABLE	DEADLINE	MILESTONE	DEPENDENCIES
T2.1	Map EU landscape of existing citizen observatories initiatives, relevant communities and their interactions	LEAD: ECSA		2				
		IIASA		1				
		IHE-DELFT		1				
		UNIVDUN		0				
		CREAF		0				
		ICCS		0				
		ECSA	Task Lead -- See above	2				
		AAWA		0				
		TOTAL		4				

FIGURE 2: TEMPLATE OF WEObserve TASK LEVEL RESPONSIBILITY MATRIX

6 Conclusion

The WeObserve kickoff meeting brought together the entire consortium to outline next steps in each of the work packages, and ensure the coordination of activities between work packages. Effective WP discussions, which included the participation of all consortium representatives, resulted in clarity on tasks to be undertaken over the next 6 months, as well as important linkages across WPs. The outcomes of this meeting will also serve as inputs to the development of the detailed workplan, which has been created on the shared internal Google Sites platform to be updated by the consortium partners in the coming months.

Annex 1: Kick-off meeting participants

No.	Last Name	First Name	Affiliation
1	Fritz	Steffen	IIASA
2	See	Linda	IIASA
3	Moorthy	Inian	IIASA
4	Domian	Dahlia	IIASA
5	Hager	Gerid	IIASA
6	Perger	Christoph	IIASA
7	McCallum	Ian	IIASA
8	Wehn	Uta	IHE Delft (online participation)
9	Woods	Mel	UNIVDUN
10	Taylor	Nick	UNIVDUN
11	Long	Deborah	UNIVDUN (online participation)
12	Cobley	Andy	UNIVDUN
13	Hemment	Drew	UNIVDUN
14	Masó	Joan	CREAF
15	Prat	Ester	CREAF
16	Tsertou	Athanasia	ICCS (online participation)
17	Portouli	Evangelia	ICCS
18	French	Veronica	ECSA
19	Vohland	Katrin	ECSA / MfN
20	Ferri	Michele	AAWA
21	van-Meerloo	Marjan	EC (online participation)
22	Alquezar Sabadie	Jesus Maria	EC (online participation)

Annex 2: Meeting presentation slides

We observe

An ecosystem of citizen observatories for environmental monitoring

Kickoff Workshop – Day 1



December 12, 2017 – Leibniz Universität, Hannover



INTERNATIONAL INSTITUTE FOR APPLIED SYSTEMS ANALYSIS (IIASA)

7 Partner Institutions
7 Countries



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 742162



WeObserve – A unique opportunity

- 1 To enhance and enrich current COs
- 2 To explore synergies between the different COs and to engage directly with a public authority
- 3 To contribute to QED
- 4 To learn from each other and to become interoperable
- 5 To build a sustainable CO ecosystem

Workshop Objectives

- 1 Moving from vision to implementation
- 2 Identify key outcomes and assign responsibilities to partners
- 3 Identify VIP interdependencies and establish timelines
- 4 Directly contribute to deliverables
- 5 Build good working relationships

Citizen observatories are an integral component of managing environmental challenges and empowering resilient communities

VISION

Move citizen science into the mainstream by building a sustainable ecosystem of citizen observatories and related activities

MISSION

Presentation from Policy Officer – *Marjan van Meerloo*
Presentation from Project Officer – *Izabela Freytag*

EC

WeObserve Project Plan/DOW/M/Ps
WeObserve Management & Coordination

PROJECT

WeObserve Overview

The diagram illustrates the **WEOBESERVE ECOSYSTEM** and the **KEY CHALLENGES TO MAINSTREAMING CITIZEN SCIENCE**.

WEOBESERVE ECOSYSTEM components include:

- EU-FUNDED CITIZEN OBSERVATORIES
- CITIZEN SCIENCE PROJECTS
- CITIZEN SCIENCE ASSOCIATIONS
- CITIZEN SCIENCE PLATFORMS
- CITIZENS
- POLICY MAKERS
- RESEARCHERS
- NGOS
- INDUSTRIES & SMEs
- GROUP ON EARTH OBSERVATIONS
- DECISION MAKERS

KEY CHALLENGES TO MAINSTREAMING CITIZEN SCIENCE

- 1. AWARENESS**
Increasing awareness to build and sustain a critical mass to support citizen science initiatives
- 2. ACCEPTABILITY**
Overcoming the added value of citizen science to decision and policy makers
- 3. SUSTAINABILITY**
Creating an ecosystem that can support and foster top-up initiatives outside its network and

Project Objectives

The diagram illustrates the project objectives and the activities that support them. It is organized into two main columns. The left column, titled 'Project Objectives', contains two numbered items. The right column contains two corresponding activity boxes. A large blue arrow points from the objectives to the activities. The first objective is 'Develop communities of practices around key topics to assess the current CO knowledge base and strengthen it to tackle future environmental challenges using CO-driven science'. This is supported by 'VIP 2 SUPPORT: Co-create and strengthen the citizen co-studies knowledge base'. The second objective is 'Extend the geographical coverage of the CO knowledge base to new communities and support the implementation of best practices and standards across multiple sectors'. This is supported by 'VIP 2 ACCELERATE: Optimize scales of the citizen co-studies knowledge base'. Logos for IHE Delft and the University of Delft are present in the top right, and a large number '10' is in the bottom left corner.

- 1** Develop communities of practices around key topics to assess the current CO knowledge base and strengthen it to tackle future environmental challenges using CO-driven science
- 2** Extend the geographical coverage of the CO knowledge base to new communities and support the implementation of best practices and standards across multiple sectors

VIP 2 SUPPORT:
Co-create and strengthen the citizen co-studies knowledge base

VIP 2 ACCELERATE:
Optimize scales of the citizen co-studies knowledge base

IHE Delft
University of Delft

10

Project Objectives

3	Demonstrate the added value of COs in environmental monitoring instruments within regional and global initiatives such as SECIS, Copernicus and the UN Sustainable Development Goals (SDGs)	 IMP 1 INTEGRATE: Facilitate adoption into earth observation initiatives
4	Promote the uptake of information from CO-powered activities across various sectors and foster new opportunities and innovation in the business of in-situ earth observation	 IMP 3 AWARE: Awareness, communication and outreach

WeObserve Concept

- 1 Awareness, Acceptability and Sustainability
 - 2 focus of communities or practice
 - 3 CoP composition & structure → enablers
 - 4 2 themes → demand-driven approach
- 5 P2P events (CoP fire, Co for BO, Roadshows)
 - 6 Knowledge Platform
 - 7 MCOCS
 - 8 etc...

The diagram also includes a central box with the following text:

WE OBSERVE

GOALS

- 1. CoP members → awareness, acceptance
- 2. CoP → ability to build or to fine-tune themselves
- 3. CoP composition & structure → a coordinated effort
- 4. CoP → focus on 2 themes → demand-driven approach

KNOWLEDGE PLATFORM

- 5. CoP events
- 6. Knowledge Platform
- 7. MCOCS
- 8. etc...

ROADSHOWS

- 9. Awareness, Acceptability
- 10. Policy Development
- 11. Awareness, Acceptability

The diagram illustrates the structure of the WeObserve project. On the left, a list of Work Packages (WPs) is shown, with WPs 1, 2, and 3 highlighted in blue. WPs 1 and 2 are interconnected by a double-headed arrow, indicating interdependencies. WPs 1, 2, and 3 are collectively labeled as 'Components of respective COs and citizen science activities (themes, pilots, e-lets)'. On the right, a large blue box represents the 'WeObserve system architecture'. This box is divided into three main sections: 'WeObserve system architecture' (top), 'WeObserve system architecture' (middle), and 'WeObserve system architecture' (bottom). The top section lists 'WeObserve system architecture' and 'WeObserve system architecture'. The middle section lists 'WeObserve system architecture' and 'WeObserve system architecture'. The bottom section lists 'WeObserve system architecture' and 'WeObserve system architecture'. The entire diagram is titled 'WeObserve WPs' at the top left.

WeObserve WPs

- 1 Interdependencies of WPs
- 2 Components of respective COs and citizen science activities (themes, pilots, e-lets)

WeObserve system architecture

The diagram illustrates the structure of the WeObserve project. On the left, a list of Work Packages (WPs) is shown, with WPs 1, 2, and 3 highlighted in blue. WPs 1 and 2 are interconnected by a double-headed arrow, indicating interdependencies. WPs 1, 2, and 3 are collectively labeled as 'Components of respective COs and citizen science activities (themes, pilots, e-lets)'. On the right, a large blue box represents the 'WeObserve system architecture'. This box is divided into three main sections: 'WeObserve system architecture' (top), 'WeObserve system architecture' (middle), and 'WeObserve system architecture' (bottom). The top section lists 'WeObserve system architecture' and 'WeObserve system architecture'. The middle section lists 'WeObserve system architecture' and 'WeObserve system architecture'. The bottom section lists 'WeObserve system architecture' and 'WeObserve system architecture'. The entire diagram is titled 'WeObserve WPs' at the top left.

WeObserve - Events

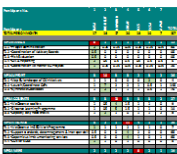
Upcoming Meeting and related use				
Id	Topic	Start Date	End Date	Category
1	2 CoP Events	2016-07-15	2016-07-15	CoP
2	Webinars: workshop	2016-07-15	2016-07-15	CoP
3	2 CoP for EO Workshops	2016-07-15	2016-07-15	CoP
4	Open data exploitation challenge	2016-07-15	2016-07-15	CoP
5	WebObsense Conference	2016-07-15	2016-07-15	CoP
6	2 CoP for EO Workshops	2016-07-15	2016-07-15	CoP
7	Webinars: workshop	2016-07-15	2016-07-15	CoP
8	2 CoP for EO Workshops	2016-07-15	2016-07-15	CoP
9	WebObsense Conference	2016-07-15	2016-07-15	CoP
10	2 CoP for EO Workshops	2016-07-15	2016-07-15	CoP
11	Webinars: workshop	2016-07-15	2016-07-15	CoP
12	2 CoP for EO Workshops	2016-07-15	2016-07-15	CoP
13	WebObsense Conference	2016-07-15	2016-07-15	CoP
14	2 CoP for EO Workshops	2016-07-15	2016-07-15	CoP
15	Webinars: workshop	2016-07-15	2016-07-15	CoP
16	2 CoP for EO Workshops	2016-07-15	2016-07-15	CoP
17	WebObsense Conference	2016-07-15	2016-07-15	CoP
18	2 CoP for EO Workshops	2016-07-15	2016-07-15	CoP
19	Webinars: workshop	2016-07-15	2016-07-15	CoP
20	2 CoP for EO Workshops	2016-07-15	2016-07-15	CoP
21	WebObsense Conference	2016-07-15	2016-07-15	CoP
22	2 CoP for EO Workshops	2016-07-15	2016-07-15	CoP
23	Webinars: workshop	2016-07-15	2016-07-15	CoP
24	2 CoP for EO Workshops	2016-07-15	2016-07-15	CoP
25	WebObsense Conference	2016-07-15	2016-07-15	CoP
26	2 CoP for EO Workshops	2016-07-15	2016-07-15	CoP
27	Webinars: workshop	2016-07-15	2016-07-15	CoP
28	2 CoP for EO Workshops	2016-07-15	2016-07-15	CoP
29	WebObsense Conference	2016-07-15	2016-07-15	CoP
30	2 CoP for EO Workshops	2016-07-15	2016-07-15	CoP
31	Webinars: workshop	2016-07-15	2016-07-15	CoP
32	2 CoP for EO Workshops	2016-07-15	2016-07-15	CoP
33	WebObsense Conference	2016-07-15	2016-07-15	CoP
34	2 CoP for EO Workshops	2016-07-15	2016-07-15	CoP
35	Webinars: workshop	2016-07-15	2016-07-15	CoP
36	2 CoP for EO Workshops	2016-07-15	2016-07-15	CoP
37	WebObsense Conference	2016-07-15	2016-07-15	CoP
38	2 CoP for EO Workshops	2016-07-15	2016-07-15	CoP
39	Webinars: workshop	2016-07-15	2016-07-15	CoP
40	2 CoP for EO Workshops	2016-07-15	2016-07-15	CoP
41	WebObsense Conference	2016-07-15	2016-07-15	CoP
42	2 CoP for EO Workshops	2016-07-15	2016-07-15	CoP
43	Webinars: workshop	2016-07-15	2016-07-15	CoP
44	2 CoP for EO Workshops	2016-07-15	2016-07-15	CoP
45	WebObsense Conference	2016-07-15	2016-07-15	CoP
46	2 CoP for EO Workshops	2016-07-15	2016-07-15	CoP
47	Webinars: workshop	2016-07-15	2016-07-15	CoP
48	2 CoP for EO Workshops	2016-07-15	2016-07-15	CoP
49	WebObsense Conference	2016-07-15	2016-07-15	CoP
50	2 CoP for EO Workshops	2016-07-15	2016-07-15	CoP
51	Webinars: workshop	2016-07-15	2016-07-15	CoP
52	2 CoP for EO Workshops	2016-07-15	2016-07-15	CoP
53	WebObsense Conference	2016-07-15	2016-07-15	CoP
54	2 CoP for EO Workshops	2016-07-15	2016-07-15	CoP
55	Webinars: workshop	2016-07-15	2016-07-15	CoP
56	2 CoP for EO Workshops	2016-07-15	2016-07-15	CoP
57	WebObsense Conference	2016-07-15	2016-07-15	CoP
58	2 CoP for EO Workshops	2016-07-15	2016-07-15	CoP
59	Webinars: workshop	2016-07-15	2016-07-15	CoP
60	2 CoP for EO Workshops	2016-07-15	2016-07-15	CoP
61	WebObsense Conference	2016-07-15	2016-07-15	

WeObserve Resources

1) Task leadership and ownership

2) SASA-Management/Leads

- WIP1 → Jean Moorby & Denise Conlin
- WIP2 → Linda See
- WIP3 → Gerald Hager
- WIP4 → Ian Macdonald
- WIP5 → Jean Moorby & Denise Conlin



The screenshot shows a table with columns for Task ID, Task Name, Status, and Assignee. The table lists various tasks related to the WeObserve project, including 'WIP1', 'WIP2', 'WIP3', 'WIP4', and 'WIP5'. The status of each task is indicated by a colored circle (green for 'On Track', yellow for 'At Risk', red for 'Delayed', and grey for 'Completed'). The assignee for each task is listed in the 'Assignee' column.

WeObserve Year 1 Deliverables

Deliverable	Start Date	End Date
BACD Q1 Kick-off meeting, strategy and structure plan	Jan 2018	Feb 2018
BACD Q1 Block management and quality assurance log	Jan 2018	Mar 2018
BACD Q1 Blockchain data management plan	Jan 2018	May 2018
BACD Q1 Deliverables of existing cities laboratory (interviews, associations & reports)	Jan 2018	Jun 2018
KICD Q1 DEC Strategy, Contract and Operative Plan	Jan 2018	Nov 2018
BACD Q1 Blockchain Progress Report 1	Jan 2018	Nov 2018
IPR-CELEA Q1 Detailed write of reference and guidelines for Blockchain committee of practice	Jan 2018	Nov 2018
BACD Q1 Blockchain Progress Report 2	Jan 2018	Nov 2018



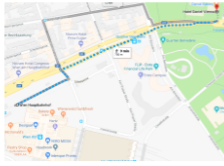





WeObserve Expert Advisory Board

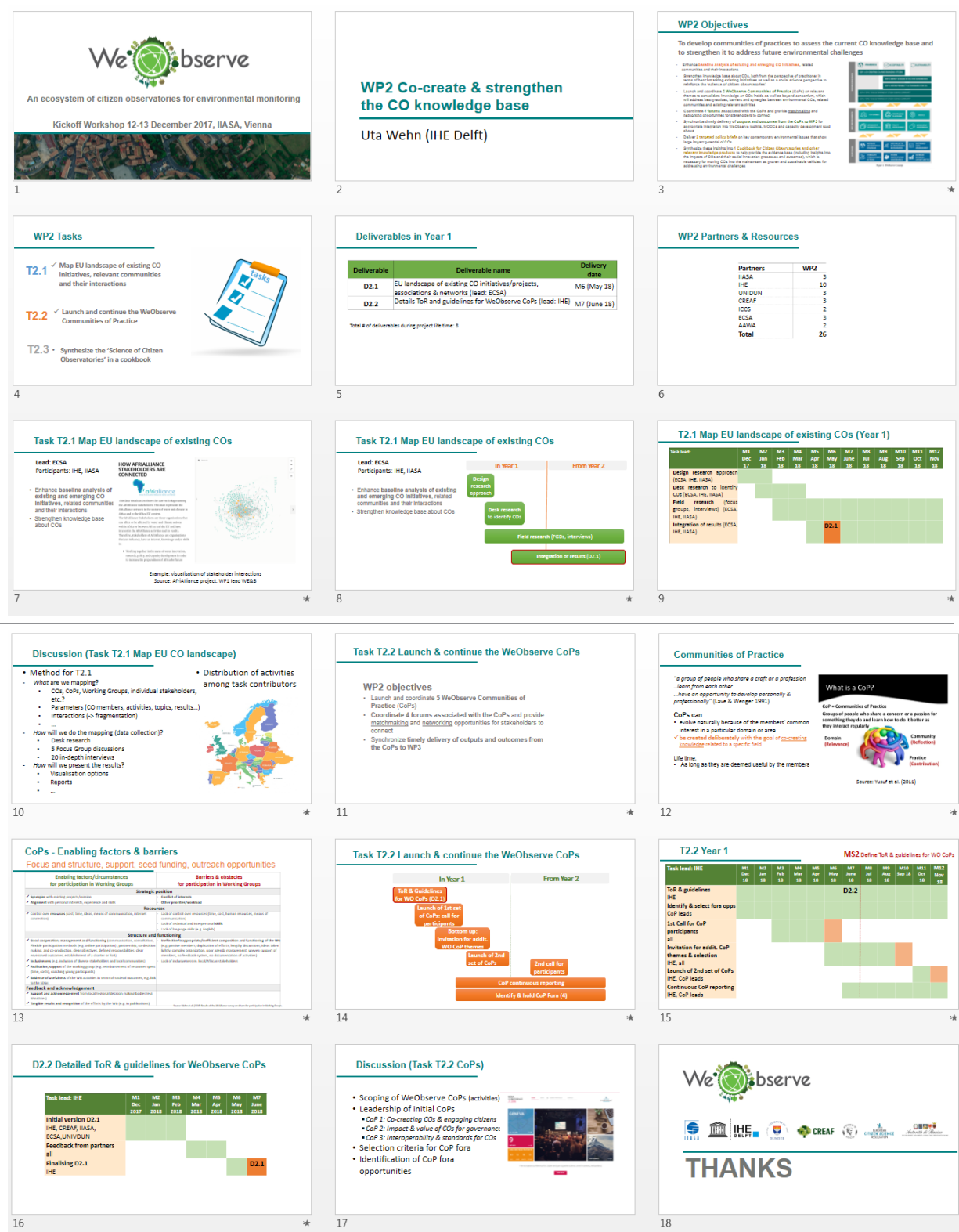
1	Barbara Anton	Local Governments for Sustainability (ICLEI)
2	Alena Barfknecht	Norwegian Institute of Air Research (NILU)
3	Blake Girardot	Humanitarian OpenStreetMap Team (HOT)
4	Muki Haklay	University College London (UCL)
5	Pozpy Lakeman-Fraser	Open Air Laboratories (OPAL)

WP2 SUPPORT:
Co-create and strengthen the citizen observatories
knowledge base

BREAKOUT

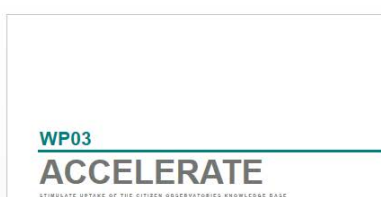
13:15 → 14:20

<p>Breakout Session – WP2</p>  <ul style="list-style-type: none"> ① Method for T2.1 ② Distribution of activities among task contributors ③ Leadership of initial CoPs ④ Selection criteria for CoP-fors ⑤ Identification of CoP-fors opportunities 	<p>WP4 INTEGRATE: Facilitate adoption into earth observation initiatives</p> <hr/> <p>BREAKOUT</p> <p>15:15 – 16:30</p>	<p>Breakout Session – WP4</p>  <ul style="list-style-type: none"> ① Align WeObserve activities with GEO activities ② Rolling-up CoP activities and increasing attractiveness for GEOSS (i.e. Global Mosquito Alert) ③ Participation in GEO AHP and proposing interoperability experiments among current CoP and with the GEO Resource DIVE and IoT approaches ④ The PRISM-Core model to describe CoP projects: project data model, Dataset Model ad Data Model ⑤ How to propose services/tools to CoP projects in terms of data validation, trustworthiness, data curation, presentation and using remote sensing and Copernicus services ⑥ Creation of a standards CoP and links to WP2, WMO and agencies. Direct gaps in standards for CoP and how to overcome them (profiles, extensions or new standards) ⑦ Connections with the dissemination communication and outreach (WP6)
<p>Dinner - Hotel Daniel @ 19:30</p> <ul style="list-style-type: none"> • Landstraßen 20/1 II • https://www.hotel-daniel.com/en/ 	<p>WeObserve</p> <p>An ecosystem of citizen observatories for environmental monitoring</p> <p>Kickoff Workshop – Day 2</p>  <p>December 12, 2017 – Linzburg, Austria</p>	<p>WP3 ACCELERATE: Stimulate uptake of the citizen observatories knowledge base</p> <hr/> <p>BREAKOUT</p> <p>09:30 – 11:00</p>
<p>Breakout Session – WP3</p>  <ul style="list-style-type: none"> ① Toolkit/instructions for Champion Communities, Onboarding, Community level indicators ② WeObserve Citizen Observatories MOOC learning programme and certificates ③ Where/when to hold WeObserve Open Data Exploration Challenge 	<p>WP5 AWARE: Dissemination, communication and outreach</p> <hr/> <p>BREAKOUT</p> <p>11:30 – 13:30</p>	<p>Breakout Session – WP5</p>  <ul style="list-style-type: none"> ① Define dissemination/communication channels and align them to key target audiences ② Key messages for target audiences ③ Design the knowledge platform ④ Outline workshop for D4.1 ⑤ Themes for 1st year workshops
<p>WeObserve - Management</p> <ul style="list-style-type: none"> ① Consortium agreement ② Review meeting (a) ③ Sharepoint exchange platform? Alternatives? ④ WebEx/conferencing ⑤ Etc... 	<p>WeObserve</p> <p>Connect with us</p>  <hr/> <p>THANKS</p> 	

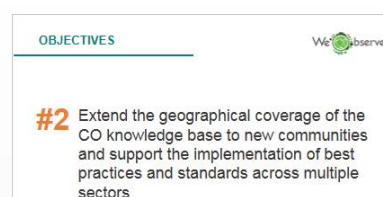




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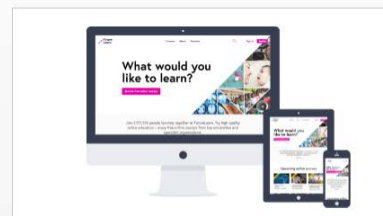
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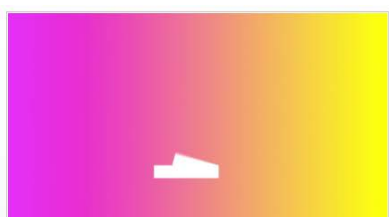
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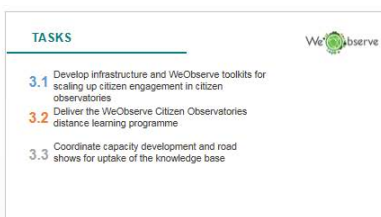
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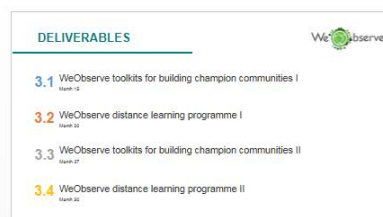
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Tracking Change

Goal

INDICATORS	STRATEGY	THE DATA
1. How often do you use the platform?	How do we track what we want to track?	How often do you use the platform?
2. How often do you use the platform?	How do we track what we want to track?	How often do you use the platform?
3. How often do you use the platform?	How do we track what we want to track?	How often do you use the platform?

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Indicators of Citizen Participation

Indicator	Strategy	How often	How often
1. How often do you use the platform?	How do we track what we want to track?	How often do you use the platform?	How often do you use the platform?
2. How often do you use the platform?	How do we track what we want to track?	How often do you use the platform?	How often do you use the platform?
3. How often do you use the platform?	How do we track what we want to track?	How often do you use the platform?	How often do you use the platform?

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Task 3.1 WeObserve toolkits for scaling up citizen engagement

Illustrative list of Toolkits

- Co-creating citizen science for social innovation
- Onboarding
- Community level indicators
- Champion communities

Activities

- Survey learning resources for CS/CO.
- Framework for scaling collaborative and co-created COs.
- Criteria and scope for WeObserve Toolkits – replicable tools and processes.
- Create template for inputs from WP2.
- Delivery mechanism (WeObserve Knowledge Platform / print).
- Dissemination with WP05.
- Uptake & evaluation.

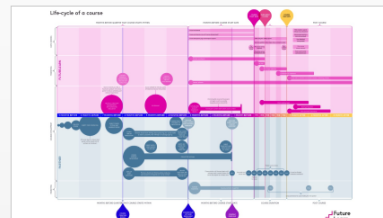
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Task 3.2 WeObserve distance learning programme

Task Description

- Facilitate scaling of rigorous citizen observation.
- Scientific protocols for data collection; use of sensors and other equipment; site selection; methods design; data collection; and evaluation.
- Alongside a curated portfolio of existing courses and materials.
- Introduce a MOOC 2.0 social peer-to-peer learning dimension to the CO ecosystem.
- Participants start and complete at the same time as a cohort.
- Certificate in Citizen Observation.
- The FutureLearn platform will provide metrics and data.

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Task 3.2 WeObserve distance learning programme

Activities

- Decide purpose and theme for WeObserve MOOC course.
- Create template for inputs from WP2.
- Specify Certificate of Achievement.
- Learning design and content creation (activities, videos, visualisations, articles, tests).
- Select complementary courses to create Programme.
- Promote – recruit participants (with WP05).
- Deliver – social moderation, live chats, webinars, guest scientists, analysis, visualisation.
- Evaluation and report.
- UOD is a FutureLearn provider. FL provide support and marketing.

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Task 3.3 Coordinate capacity development and road shows

Task Description

- At least 5 roadshow events
- Strengthen capacity of stakeholders to use CO knowledge base
- Effective knowledge transfer and uptake of the expertise, guidelines and resources.
- Target key change agents e.g. local authorities, emergency managers, regional/national policy makers and community leaders.

Activities

- Devise selection criteria for identifying existing events to host the road show events.
- Develop generic structure for road show events (intro to CO principles, hands on demonstration, co-benefit elaboration).
- Schedule min. 5 road show (calendar).
- Promote events (also via WP5).
- Produce templates for minutes & capturing discussions/evaluation to capture lessons learned (for subsequent events & COs more generally).
- Hold events & report.

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T3.3.1 Showcasing COs for risk and emergency management

Task Description

- Forum for knowledge uptake by decision makers
- Interactive sessions with hands on demonstrations.
- Demonstrate the tangible outcomes of COs.
- AAIWA will demonstrate the use of COs for emergency and flood risk management.
- Half-day/full-day events.

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T3.3.2 Open Data Exploitation Challenge

Task Description

- Demonstrate CO data can address data needs for business.
- €10K cash prize
- 48 hour kick-off event
- They work with the WeObserve ecosystem to understand how to access and use the data.
- Online over a number of weeks people build working demonstrator applications
- Judging panel awards prize.

Activities

- Devise criteria for apps and services.
- Organisations supply challenges and data.
- Data Challenge is launched – distributed, online (with WP05).
- SMEs work on rough demonstrators over a number of weeks, leading to a proposal to solve one of the challenges.
- Proposals assessed by Jury.
- €10K to one SME to work on challenge.

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WeObserve

THANKS


ADD TEXT HERE IF YOU LIKE

Connect with us

ADD TEXT HERE


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An ecosystem of citizen observatories for environmental monitoring

Kickoff Workshop

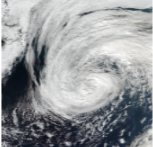


INTEGRATE: FACILITATE ADOPTION INTO EARTH OBSERVATION INITIATIVES

WP4

LEAD PARTNER: CREAM
DURATION: MONTHS 4-10

Making Earth observations available, on and around the Earth



Credits: NASA Goddard WISSE David Raper/NASA
Source: Steve Ramage

OBJECTIVES

- Facilitate the adoption and integration of WO into the EO initiatives: GEOSS, Copernicus, OGC TC
- Create concrete actions to integrate citizen science activities into the GEO work program including a Copernicus pilot
- Contribute to the discoverability and accessibility of the CS datasets in the GEOSS Common Infrastructure
- Increase the adoption of Data Sharing Principles and Data Management Principles of GEOSS within citizen science activities

OBJECTIVES

- Support standards, data management and interoperability of COs generated data
- Contribute to COs data curation and data preservation
- Identify where COs can contribute to the targets, goals and indicators of the SDGs

List of tasks

T4.1 GEOSS: Incorporate WeObserve ecosystem related initiatives into the GEO Work Programme LEAD: CREAM - Participants: IASA, UNESCO-IOC, UN-ICL, ICCS, ECSA	T4.3 ESA: Demonstrate value added and collaboration potential for Copernicus in-situ monitoring services LEAD: CREAM - Participants: IASA, ICCS, AAVIA
T4.2 OGC: Support standards, data management and interoperability via the OGC citizen science domain working group LEAD: CREAM - Participants: IASA, ICCS	T4.4 SDG: Identify where COs can contribute to SDGs LEAD: IASA - Participants: CREAM, UNESCO-IOC

Task 4.1 Incorporate WeObserve ecosystem related initiatives into the GEO Work Programme

LEAD PARTNER: CREAM
PARTICIPANTS: IASA, UNESCO-IOC, UN-ICL, ICCS, ECSA
DURATION: MONTHS 4-10

EXPLOIT THE FINDINGS FROM THE WEBOBSERVE COPS (T2.4) AND PLACE THEM WITHIN THE GEO COMMUNITY

- Provide an active forum in the GEO Citizen Observatories and Crowdsourcing Community Activity
- Collect requirements for COs from GEO monitoring systems and other infrastructures (data quality)
- Participate in ENEON workshops and ENEON commons
- Share best practices (from WP2) through the OGI/GEOS
- Implement the GEOSS Data Management Principles in the CO community (coordination with T4.2)

DE.1: Citizen Observatories and GEO community activities - IASA (M15)
DE.2: Demonstrate value added and collaboration potential for Copernicus in-situ monitoring services - IASA (M23)

Task 4.2 Support standards, data management and interoperability via the OGC citizen science domain working group

LEAD: CREAM
PARTICIPANTS: IASA, ICCS
DURATION: MONTHS 4-10

CHAIR THE OGC CITIZEN SCIENCE DOMAIN WORKING GROUP AND LINK TO THE WO COPS (IASA-UNESCO-IOCLANDSLAUGHT (M15) (M23))

- Document relevant standards for CS
- Propose the development of OGC-specific profile standards, vocabularies and best practices -> Data Quality WG and Data Preservation WG (GEOSS DMP)
- Contribute to create consensus among Standard WG and OGC membership
- Study legal aspects of CS-based data
- Applicability of standards in real scenarios: GEOSS Architecture Interoperability Pilots
- Promote the use of standards, profiles and best practices

DE.3: Testing of relevance of the standards relevant for Citizen Science, QMS and improvements - CREAM (M15)
DE.4: Compendium of new best practices, standards and profiles - CREAM (M23)

Task 4.3 Demonstrate value added and collaboration potential for Copernicus in-situ monitoring services

LEAD PARTNER: CREAM
PARTICIPANTS: IASA, ICCS, AAVIA
DURATION: MONTHS 4-10

EXPLORE THE POSSIBILITIES OF COLLABORATING WITH COPERNICUS ON ITS IN-SITU COMPONENT

- Design a pilot from the following three proposals:
 - Collaboration with Copernicus Atmosphere Monitoring Service
 - Collaboration with Copernicus Land Monitoring Service
 - Collaboration with Copernicus services for security

DE.5: Copernicus services pilot report - CREAM (M25)

Task 4.4 Identify where COS can contribute to SDGs

LEAD PARTNER: IASA
PARTICIPANTS: CREAM, UNESCO-IOC
DURATION: MONTHS 4-10

DISCOVER WHERE AND HOW COS CAN SUPPORT MONITORING AND IMPLEMENTATION OF THE SUSTAINABLE DEVELOPMENT GOALS

- Map the current CO activities (collected in Task 2.1) onto the targets and indicators of the SDGs
- Links with UN Global Geospatial Information Management (UN-GGIM) Secretariat

DE.6: Monitoring of SDGs by COs: Recommendations and priorities - IASA (M23)

List of deliverables

D4.1 GEOSS: Citizen Observatories and GEO community activities LEAD: IASA Due date: M15 Task 4.1	D4.3 GEOSS: Update: Citizen Observatories and GEO community activities LEAD: IASA Due date: M25 Task 4.1
D4.2 OGC: Terms of reference of the standards relevant for Citizen Science: goals and improvements LEAD: CREAM Due date: M15 Task 4.2	D4.4 OGC: Compendium of new best practices, standards and profiles LEAD: CREAM Due date: M25 Task 4.2

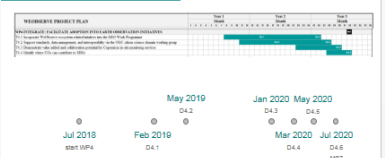
List of deliverables

D4.5 ESA: Copernicus services pilot report LEAD: CREAM Due date: M25 Task 4.3	D4.6 SDG: Monitoring of SDGs by COs: Recommendations and priorities LEAD: IASA Due date: M25 Task 4.4
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List of milestones

MS7 Completed support activities for integration into GEO
 LEAD: IASA
 Due date: M32

TIMELINE

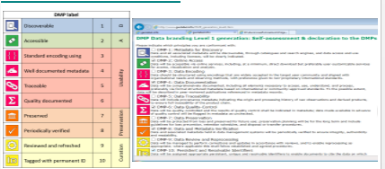


Topics for the breakout WP4

FOR the first 6 MONTHS LETS IDENTIFY

Actions <ul style="list-style-type: none"> Prepare the creation of the CoP in standards <ul style="list-style-type: none"> Identify the relevant members in GEOSS, IASA, EO-IO, OGC Engage the CoP and give it a purpose Collaborate in the CoP Plan a IE within the EO-IO Connect to the groups in GEOSS Create the CoP WP Linkages <ul style="list-style-type: none"> WP2 for the CoP ToR guidelines on M2and the ToR on M7 WP5 for the dissemination 	Outcomes <ul style="list-style-type: none"> CoP ToR Initial work of the CoP
Events <ul style="list-style-type: none"> WeObserve Hackathon or IE pilot to extract standardisation needs CoP launch event 	

Data Management principles as guide for interoperability levels



Questions

- Co-design: Do we have to do some activities with the stakeholders to inform them about the CoP and invite the co-design it?
 - Ensure ownership
 - Prevent duplication of efforts
 - Lead by WeObserve but participated by >20 external: Is this going to work?
- Silos: How to interact with the other CoPs
- Extent: Is the scope of the CoP European or global? Note that both OGC and GEO are global
- Ownership: Which activities are done by WeObserve and which are done by the CoP
- Termination: Are the CoPs continuing after the end of the project? ("The CoPs will continue to exist only as long as they deliver value for their members in terms of achieving jointly set objectives." DoA)

In citizen Observatories...

... citizens use sensors or become sensors themselves and deliver observations

so

...sensor web enablement standards and tools can be applied.

Many demo cases: many survey tools

Source: Ingo Simanis

Many Surveys: Many formats and protocols

Source: Ingo Simanis

Common Model – Observations and Measurements (O&M)

Demo cases data model

	Belgium	Spain	NL	Sweden	Kenya	Zambia
Aims	Environmental Monitoring	Preparing for climate change	Water availability	Integrated natural resource management	Biodiversity conservation	Sustainable natural resource management
Type	Air and water quality, noise, water and open space	Phenological data, i.e. flowering, breeding, and migration	Local food and water system malfunctions in the water system	Nature's pollution	Biodiversity data (game spotting, etc.)	Wildlife sightings, human wildlife conflict and agricultural activities
Geometry	Point	Point	Point/Pathline	Point	Point	Point
Properties	Air Black Carbon (sp/10 ⁶), Water level (m), pH & temperature	Phenophase, Species	Water level, Number, Paved surface	N. Turbidity, Gravity, Phos. N2	Species, Fence height, Land use	Wild life species
Time validity	Minutes	Year	Minutes	Day	Months	Day

groundtruth2.0

phenological observations exposed as SOS: GetFeatureOfInterest

• <http://www.ogc3.uab.cat/cgi-bin/fenodato/miramon.cgi?VERSION=2.0.0&SERVICE=SOS&REQUEST=GetFeatureOfInterest&observedProperty=http://www.opengis.uab.cat/fenodato/observedProperty>

Phenological observations exposed as SOS: GetObservation encoding

• <http://www.ogc3.uab.cat/cgi-bin/fenodato/miramon.cgi?VERSION=2.0.0&SERVICE=SOS&REQUEST=GetObservation&featureOfInterest=http://www.opengis.uab.cat/fenodato/featureOfInterest/173>

Now, phenological observations are shown in a OWS client. (MiraMon client)

Problem with O&M as a Base Model

Source: Ingo Simanis

The PRSS-Core model to describe CS projects

Project data model, Dataset Model and Data Model.

PPSR-Core

• Links with Taks 2.1

Data validation, trustworthiness, data curation, preservation and using remote sensing and Copernicus services

Propose services/tools to the CS projects

Detect gaps in standards for CS (e.g.: register new projects as new sensors; data quality) and how we can overcome them (profiles, extensions or new standards)

Creation of an standards community of practice and connections with WP2. Who and agenda.

Launch of the COP3

- When
- How
- With whom

• CoP will be launched on month 12

• CO for EO workshops on month 15 and 26 will draw from CoPs.

Dissemination communication and outreach (WP5)

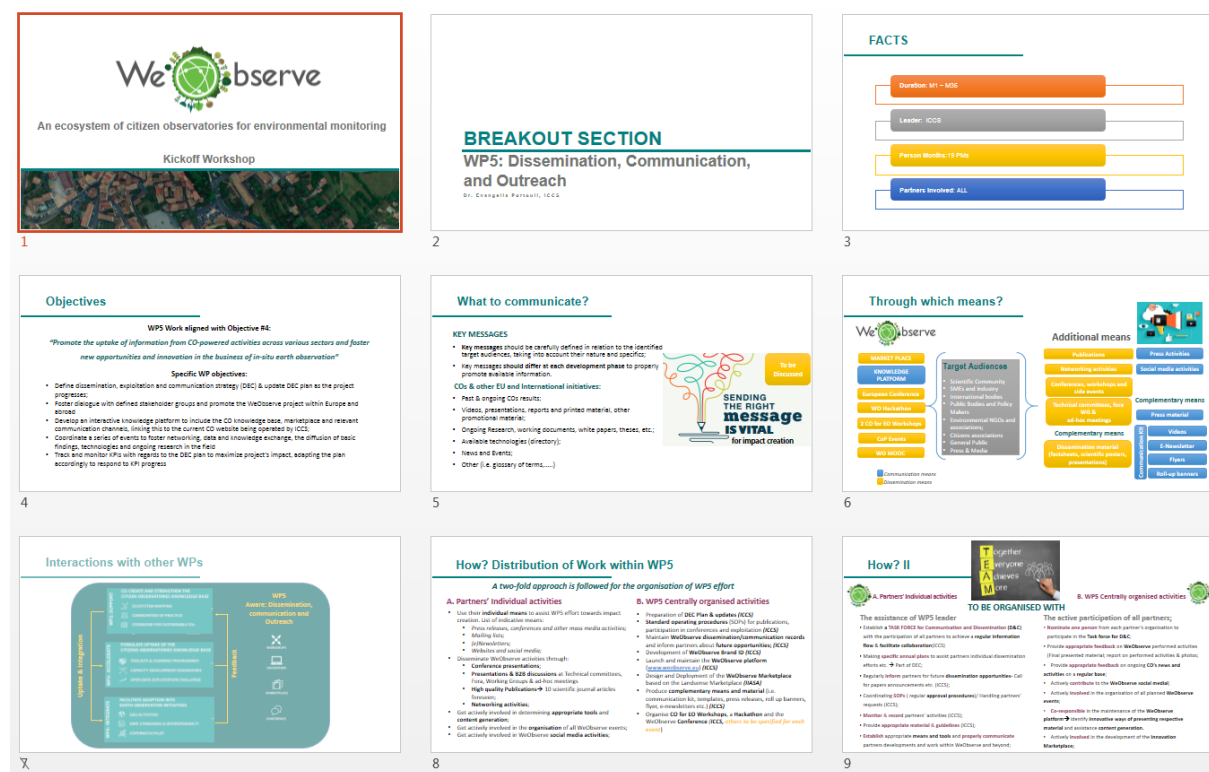
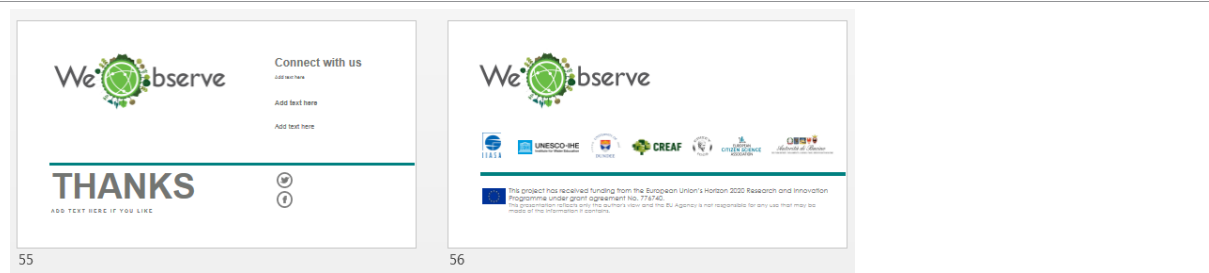
The connection

Connection to WP5

- Standardization are sometimes considered dissemination activities.

FOR the first 6 MONTHS LETS IDENTIFY

Actions <ul style="list-style-type: none"> Preparation of Workshops in advance. 	Outcomes <ul style="list-style-type: none"> Standards, best practices and Engineering reports Stable standards CoP A methodology to connect COs to GEOSS
WP Linkages <ul style="list-style-type: none"> WP2 for the CoP WP5 for the dissemination 	Events <ul style="list-style-type: none"> WeObserve Hackathon M12 IE pilots Creation of the CoPs in M7 (CoP forums: M7, M12, M22 and M33) Telcos of the CoP



Expected outcomes

Deliverables

- DS.1 DEC Strategy, Outreach and Operative Plan (M6) - Report
- DS.2 Summary of WeObserve events, dissemination and communication activities (M6) - Report
- DS.3 Update: Summary of WeObserve events, dissemination and communication activities (M6) - Report

Milestones

- M6 WeObserve Conference, Month 13. Conference hosted and summary reported in DS.3

Related KPIs

Activity and Performance Indicator	Targets
Number of Small Town events for showcasing CCS for environmental challenges	5+
Number of CO2 for CO2 workshops	2 workshops (showing an integration of CO2 with CO2 capture)
Number of SMEs involved in the WeObserve marketplace	50+
Number of actions in WeObserve online portal	Year 1: 10,000+; Year 2: 10,000+; Year 3: 10,000+; Year 4: 10,000+
Number of Twitter followers	Year 1: 5,000+; Year 2: 10,000+; Year 3: 10,000+; Year 4: 10,000+
Number of participants at WeObserve Marketplace	50+
Number of projects completed	50+
Number of publications	50+; Journal publications
Number of participants at WeObserve Conference	500+
Number of CO2 Countries reached via WeObserve coordination and support action	EU: 100%; International: 50+

Risk Management

Item	Item	Impact	Probability	Item	Item	Item
01	Item	Item	Item	Item	Item	Item
02	Item	Item	Item	Item	Item	Item
03	Item	Item	Item	Item	Item	Item
04	Item	Item	Item	Item	Item	Item

DEC PLAN - M6

MARKETPLACE

Enabling Innovation Marketplace to underpin downstream exploitation -> M6A

- Extend the Landscape Marketplace that aims to satisfy the demand of SMEs for in-situ data on land-cover and land-use with other stakeholders who supply such data (i.e. other SMEs, professional surveyors, other CO2s and citizens)
- Based on landscape, extend to all types of environmental data to connect private sector, public authorities and NGOs with data providers and citizens
- Link and capitalise on initiatives funded under the EO-2017 call for downstream applications
- Marketplace to serve as a point of information for SMEs on H2020 and CO2 offered services and innovation potentials

Knowledge Platform

- Backbone** of Awareness activities.
- Available from M5 of the project runtime and maintained for **5 years** after its duration.
- Secure **wide accessibility** through responsive design and mobile friendly web design.
- A **holding page** already available to provide internet parties with basic information/assist on early stage press & social media activities;
- Linked to WeObserve Social Media accounts in Twitter and FB: **@WeObserveEU**
- Innovative ways** on presenting all related developments in Europe and Worldwide should be discussed;

Knowledge Platform - Draft Layout for discussion

To be discussed

Logo	About WeObserve	News	Events	Library	Open Consultation	Knowledge base developed by CO2s
Header (Dynamic Graphic)						Social media streaming
Latest news						
News item 1						
News item 2						
News item 3						
CO2 Projects						Signup to e-newsletter
Map including CO2 logos and links to website (links plus Get Involved)						
Items						CONTACT
Event 1						
Event 2						
Event 3						
Previous topics						Discussion: The contribution

Knowledge Platform - Content

To be discussed

- About WeObserve:** Project objectives, vision, and basic facts
- News:** Relevant news in the area from CO2s, stakeholders and respective initiatives
- Events:** WeObserve events, CO2 events, Related Conferences
- Library:** Final versions of all project outputs (deliverables, reports, digital material)
- Open Consultation:** Discussion/peer consultation with citizens and associations on working documents etc.
- Knowledge base:**
 - developed within WP2 by WeObserve Communities of Practice;
 - include innovative tools developed within WP3 through which current citizens associations and the public will be able to get involved in ongoing pilot activities and demonstrations, related policies, regulation and broader news and activities in the CO2 domain;
 - Open source and readily available software to be accessible to users and knowledge providers;
- OTHER?**

Events

01	Hackathon M12
02	CO for EO Workshop M15
03	CO for EO Workshop M16
04	Conference M18

WP5 Events- WeObserve Hackathon

- Date:** realisation: M12
- Title:** WeObserve "Hack for Citizen Observations"
- Partners involved:** WP5 -> small organisation team T80
- Location:** *should be discussed* with the 2018 GEO Primary Meeting (T80)
- Duration:** 2 days event
- Attendance numbers:** minimum of 80 participants
- Objective:** Creating tools for facilitating interoperability between different CO2 technologies, and promote standardisation through the identification of common technical requirements
- Expected impact:**
 - Showing interoperability is possible among different CO2 initiatives
 - Maximum value optimally requires towards future implementations

WP5 Events - CO for EO Workshops

- Date:** M15; M12
- Partners involved:** WPA, WP5 -> small organisation team T80
- Location:** *should be discussed*
- Specific themes:** to be determined based on findings from the discussions in CO2s and activities in T4.2 and T4.2. *should be discussed*
- Objective:**
 - share best practices and exchange information on the integration of CO2 within EO monitoring systems;
 - discuss bottlenecks and barriers;
 - identify potential solutions; and promote policy adoption.
- Target participants:** policy and decision makers, representatives from international and standardization bodies (e.g. ISO, IEC, CEN, CENELEC, ENISA, private sector representatives, public bodies and national authorities)
- Attendance numbers:** *should be defined*
- Expected Outcome:** *should be discussed*

WP5 Events - WeObserve Conference

- Date:** M18
- Organisation:** WP2 -> small organisation team T80
- Location:** *should be discussed*
- Specific Structure:** plenary and breakout sessions; plenary exhibition; T80
- Target participants:** All target audiences and Citizens
- Attendance numbers:** at least 200 people & media outlets
- Objectives-Expected outcome:**
 - efficiently present WeObserve outcomes & EU CO2 overall activities & achievements
 - Launch a new conference series to ensure sustainability in the coordination of CO2s for environmental monitoring in the future -> An International Programme Committee chaired by the EC will be formed to organise future conferences.

Events - Organisation

Proposed:

- Original from Hackathon and CO for EO Workshop in M12
- All parallel events -> Exact venue should be defined to be co-located with GEO Primary 2018 for awareness press attendance
- Host 2nd CO for EO Workshop & Final Conference @ Hackathon 2018

For discussion:

- Specific topics/themes to be addressed by each CO for EO workshop
- Definition of Small Town Events/Organisations per event (including CO2, host partner, other WP5, & partners directly involved)
- Expected outcome per event
- Related Risks & corrective actions

Timeline:

- Start M1
- End M12
- End M15
- End M18
- End M19

WP5 Events - Performed activities

- Launched press release issued -> All partners for informing their media contacts;
- Holding page including basic facts ready: Partners to send their feedback by 15/12 eob;
- Social media (Twitter and Facebook) accounts have been developed: @WeObserveEU
- Partners to join;
- Development of Brand Book and guidelines -> Ready - Under review: ICCS to provide link after K46;
- WeObserve PPT Templates have been produced: -> Under review: ICCS to provide link after K46;

WP5 Events - Next actions

- Set Up Standard operating procedures (SOPs) for publications, participation in conferences and exploitation -> IASIA, ICCS
- All partners to send their logos and some nice photos/images with permission to be published to ICCS by 15/12 eob
- All partners to forward the launched press release to their media contacts;
- ICCS to send out the DEC PLAN for partners' comments on structure

Topics for discussion

INTERNATIONAL CONFERENCE

CQWM

Citizen Observatories for Natural Hazards and Water Management

27 - 30 November 2018, VENICE - Palazzo Labia

organized by

Alto Adriatico Water Authority (AAWA)
Disretto delle Alpi Orientali



1

Citizen Observatories for natural hazards and Water Management CQWM

Conference topics

Environmental management

- ✓ Communities involvement in environmental management
- ✓ New challenges for integrated water cycle management

Crisis management and natural disaster resilience

- ✓ Decision support in extreme weather climate events
- ✓ Resilience and Territorial Safety

Land Use and Land Cover monitoring

- ✓ Crowdsourcing techniques for Land Use and Land Cover monitoring
- ✓ Communities involvement in monitoring land change

Methods and technologies to support the management of water and natural hazards


- ✓ Making sensors in 2018: new approaches for data capturing
- ✓ Earth Observation data for natural hazards and water management
- ✓ Platforms and e-services for citizen observatories data interoperability
- ✓ Data integration, data assimilation techniques, water modeling

Social dimensions of Citizen Observatories


- ✓ Citizen observatories: stakeholder motivations and impacts
- ✓ Public participation mechanisms
- ✓ Technical and legal aspects of the acquisition and use of citizen-generated data

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Conference venue CQWM



EXPO AREA
available for special sessions and technological workshops



Opportunities for exhibitors to strengthen relations with the media already present and active during the Conference and to develop new partnerships

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An Ecosystem of Citizen Observatories for Environmental Monitoring

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