



CoP 2: Impact and value of citizen observatories for governance

Launch Workshop, 6 June 2018, Geneva
Uta Wehn | IHE Delft



Welcome Remarks

Introducing WeObserve

- WeObserve
 - *An Ecosystem of Citizen Observatories for Environmental Monitoring*
 - Tackling 3 key challenges: awareness, acceptability and sustainability of COs
 - Improve coordination & help to move citizen science into the mainstream
 - H2020 funded (2017-2020), Coord. Steffen Fritz, IIASA



Introducing WeObserve



WeObserve Landscape Report

Mapping the EU landscape of existing Citizen Observatory initiatives, relevant communities and their interactions



1. Geographic scope
2. Type of participants
3. Network establishment mechanism
4. Revenue stream
5. Communication Paradigm
6. Effort required
7. Platform support
8. Data accessibility, availability & quality

WeObserve Landscape Report

TABLE 1: THE CITIZEN OBSERVATORIES SELECTED FOR THE FIRST PHASE OF THE LANDSCAPE REPORT

FP7 - funded COs	Thematic focus	Timing
COBWEB	Biosphere monitoring	2012 - 2016
<u>OMNISCIENTIS</u>	Odour monitoring	2012 - 2014
CITI-SENSE	Air pollution monitoring	2012 - 2016
WeSenseIt	Flood and drought monitoring	2012 - 2016
Citclops	Coastal and marine water quality monitoring	2012 - 2015
H2020 - funded COs		
Ground Truth 2.0	Flora and fauna, water availability and water quality, for land and natural resources management	2016 - 2019
GROW	Soil, land-use, crop planting, and water resources	2016 - 2019
hackAir	Air quality	2016 - 2018
LandSense	Land use and land cover	2016 - 2019
Scent	Water supply & quality, flood risks	2016 - 2019
D-Noses	Odour sensing	2018 - 2021
Monocle	Coastal waters, lakes and estuaries	2018 - 2021



Introducing WeObserve Communities of Practice

CoP = Communities of Practice

Groups of people who share a concern or a passion for something they do and learn how to do it better as they interact regularly

Domain
(Relevance)



Community
(Reflection)

Practice
(Contribution)

Source: Yusuf et al. (2011)

CoP = Domain + Community + Practice



Topics of the initial WeObserve CoPs

- CoP 1 **Co-designing citizen observatories and engaging citizens** | addressing incentives and barriers for participation, engagement strategies and citizen-science ethics (led by IHE Delft)
- CoP 2 **Impact and value of citizen observatories for governance** | defining socio-economic and environmental impacts of community-based environmental monitoring for public authorities and decision makers including risk evaluation (led by IHE Delft)
- CoP 3 **Interoperability and standards for citizen observatories** | adopting data quality, curation and preservation of citizen-science data, and addressing privacy and licensing for CO sustainability (led by CREAM).



Introducing WeObserve Communities of Practice

General objectives of the CoPs

- To assess, strengthen and extend the CO knowledge base
- To support implementation of best practices and standards
- To demonstrate the added value of COs
- To promote uptake of information and foster business innovation



CoP ToR

WeObserve Communities of Practice can undertake one or more of the following:

- ***Thematic knowledge co-creation***: create new knowledge related to the CoP's focal theme, with the aim of generating lessons learned for other CO initiatives.
- ***Generating new solutions or agreeing on how to use existing ones*** e.g. interoperability experiments and generating technical recommendations.
- ***Knowledge sharing activities (meetings, events, conferences etc)***: wide dissemination, communication and diffusion of information, enabled also by the WeObserve platform.



Welcome from the WeObserve CoP Team



Uta Wehn – IHE Delft
Coordinating the CoPs
Chair of CoP1 & CoP2



Joan Masó - CREAM
Chair of CoP3



Joeri Naus – IHE Delft
CoPs support



Ester Prat – CREAM
Admin Management



A Debt of Gratitude to the Participants. THANKS!!
Can you please write down (on a big post it):

1. Your Name
2. Your Organization
3. Participant or Observer of CoP2
4. Which 3 sub-topics of impact and value of COs for governance you are most interested in:
 - i. ...
 - ii. ...
 - iii. ...



Then kindly repeat each sub-topic also on a separate **small** post it

Linked activities

ECSA Working Groups on Sharing Best Practice and Building Capacity; Policy, Strategy, Governance and Partnerships; Learning and Education in Citizen Science; Citizen Science and Open Science

Citizen Science COST Action - CA15212: to promote creativity, scientific literacy, and innovation throughout Europe (<https://www.cs-eu.net/about/CA15212>): *Develop synergies with education; Improve society-science-policy interface; Enhance the role of CS for civil society.*

OPENER Community of Practice on Public Engagement in Environmental Research (UK) (<https://research.reading.ac.uk/openupsci>)

Citizen Science Global Partnership (CSGP) first call for participation (<https://www.wilsoncenter.org/article/concept-note-citizen-science-global-partnership>).

“Earth Observations and Citizen Science” Community Activity of the GEO Work Program (<http://earthobservations.org/activity.php?id=142>).

“Socio-economic benefits of Earth Observations” Community Activity of the GEO Work Program (<http://earthobservations.org/activity.php?id=142>).

EuroGEOSS initiative (https://ec.europa.eu/info/research-and-innovation/knowledge-publications-tools-and-data/knowledge-centres-and-data-portals/eurogeoss_en).

Joint Communications Booster (H2020 sister projects)

Is supported by the H2020 project WeObserve (<https://www.weobserve.eu>), the H2020 Citizens' Observatory projects Grow (<https://growobservatory.org/>), Groudtruth 2.0 (<http://gt20.eu/>), Landsense (<https://landsense.eu/>) and Scent (<https://scent-project.eu/>).



What do we want to do?

This workshop is launching CoP2

“Impact and value of citizen observatories for governance – defining socio-economic and environmental impacts of community-based environmental monitoring for public authorities and decision makers including risk evaluation”

- We need to co-define the CoP2 objectives
- We need to agree on the first activities
- How we are going to work together
- How can we present what we will do
 - In terms of demonstrations, videos, in the WeObserve Cookbook, et
- Who is going to do what



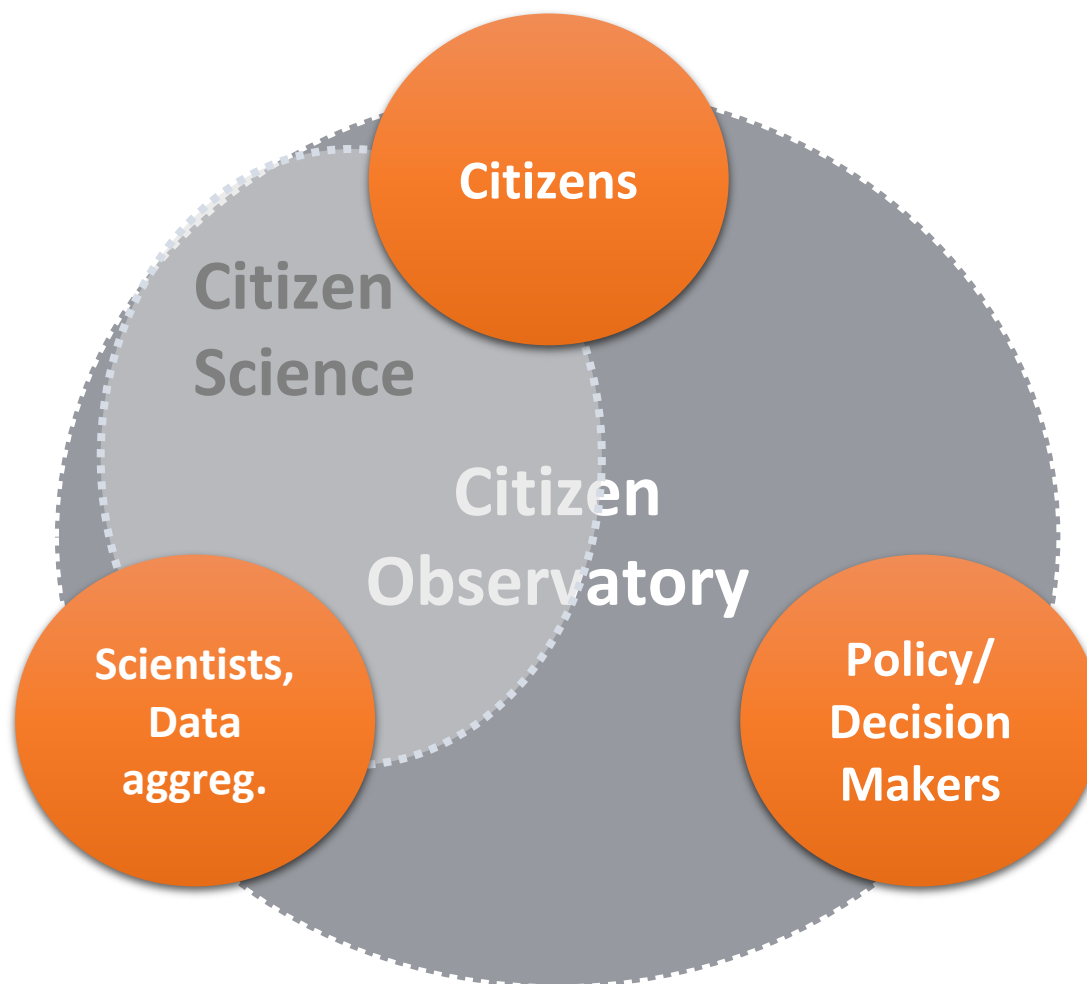
CoP 2 :Impact and value of citizen observatories for governance

**Citizen
science**

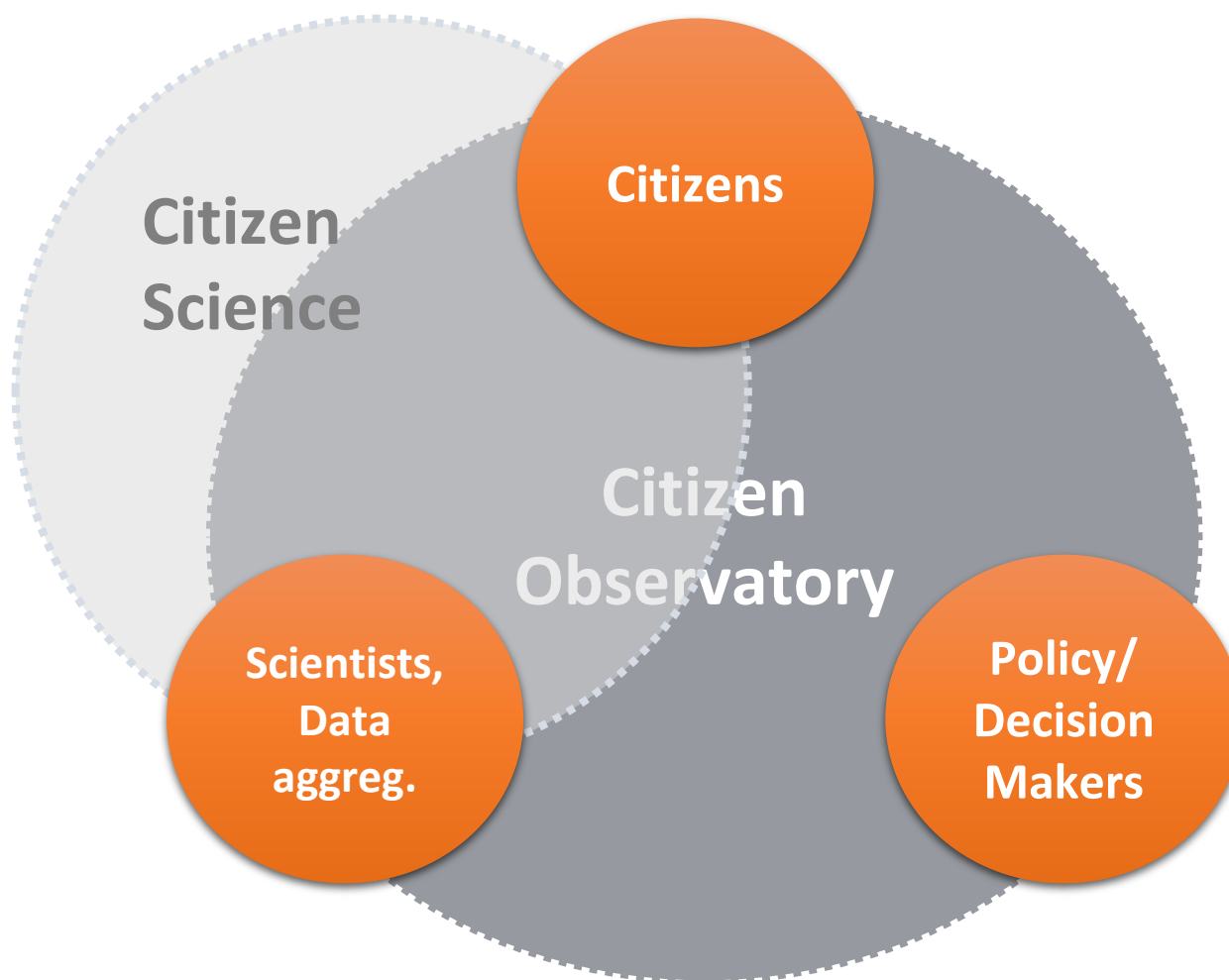
**Citizen
observatories**



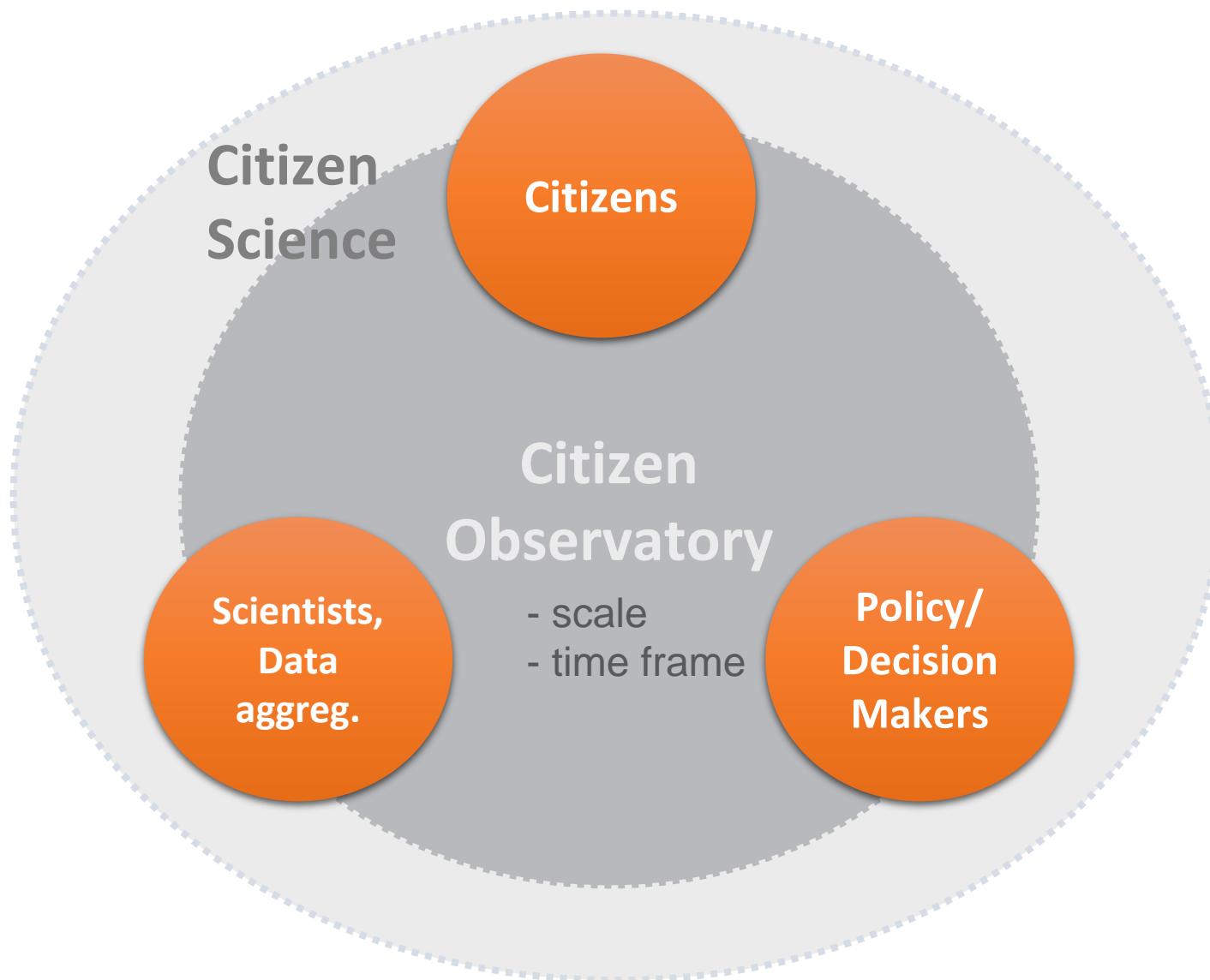
Citizen Science & Citizen Observatories



Citizen Science & Citizen Observatories



Citizen Science & Citizen Observatories



CoP 2 :Impact and value of citizen observatories for governance



CoP 2: Impact and value of citizen observatories for governance

Target audience: Who will benefit from the work done?



CoP 2: Impact and value of citizen observatories for governance

Objectives

“Intentionally becoming an effective CO knowledge resource to the CoP members and to other constituencies that may benefit from the CO expertise.”

Objectives

Per table: Devise 2-3 objectives

Share with plenary



SMART objectives:
specific, measurable, achievable, relevant
& timely



Reporting back per table

“Intentionally becoming an effective CO knowledge resource to the CoP members and to other constituencies that may benefit from the CO expertise.”

Objectives

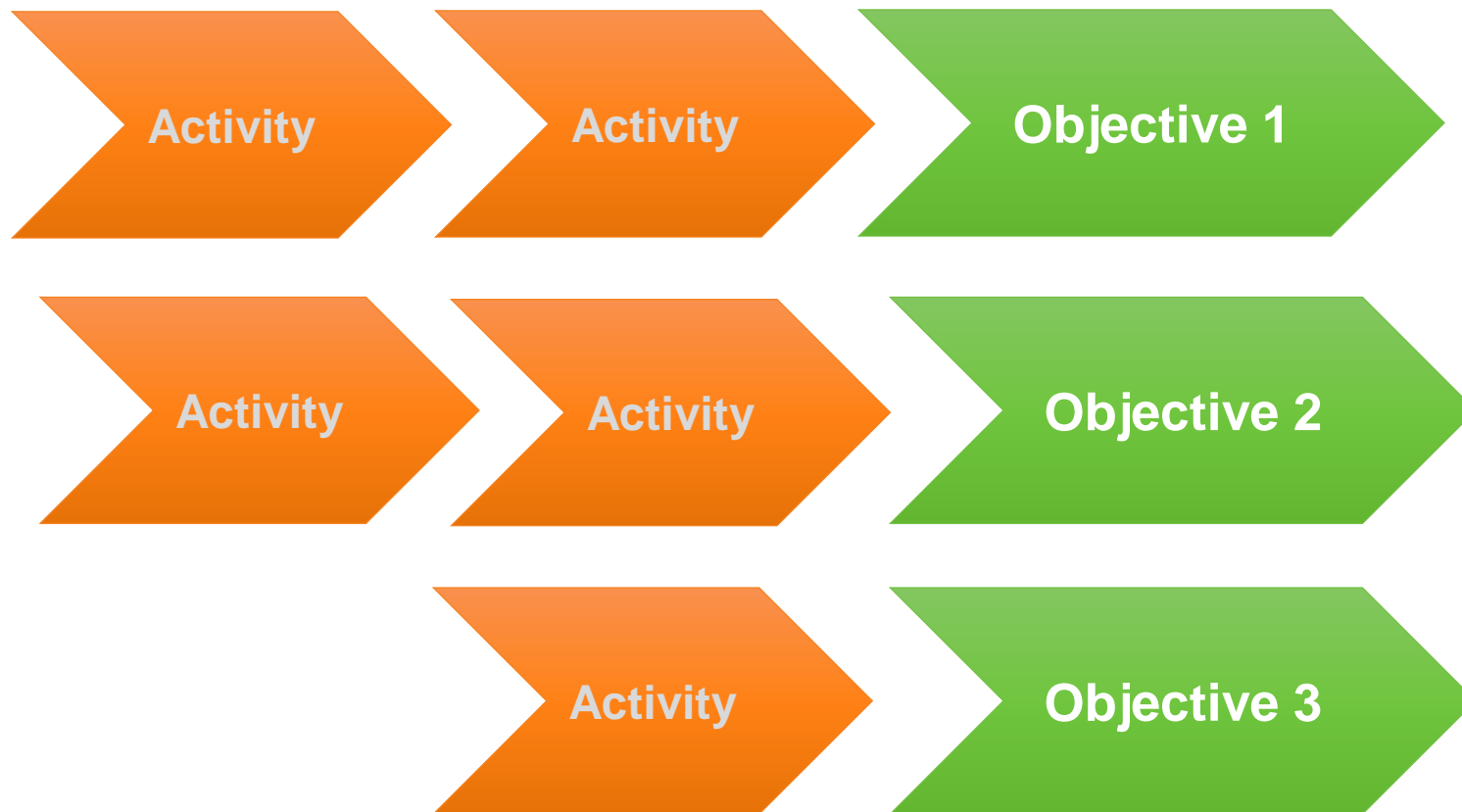


SMART objectives:
specific, measurable, achievable, relevant
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CoP 2: Impact and value of citizen observatories for governance

From Objectives to ...



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Activities to achieve these Objectives

Table 1 – Objective 1

Table 2 – Objective 2

Table 3 – Objective 3

Per table: Devise relevant activities to achieve the specific objective



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Reporting back per table

Activities to achieve these Objectives

Table 1 – Objective 1

Table 2 – Objective 2

Table 3 – Objective 3



CoP 2: Impact and value of citizen observatories for governance

Discussion per table

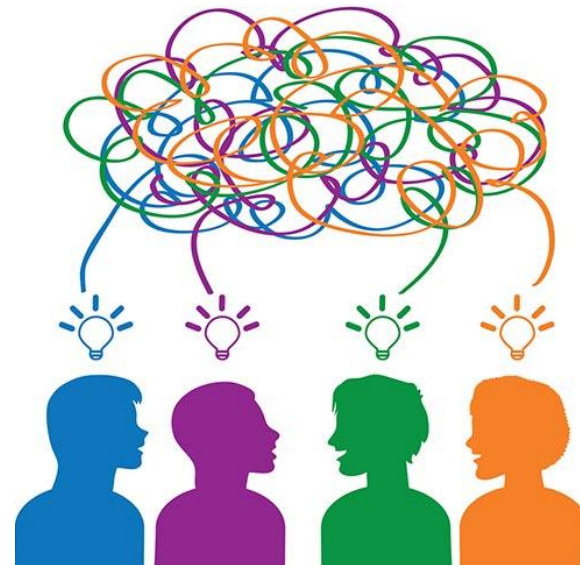
1. **How** to communicate and disseminate the results

- i. Demonstration, video, WeObserve cookbook...

2. **What** do you value from this CoP:

- i. Recognition for your contributions
- ii. Social event for community building
- iii. Producing a video
- iv. Something else

Select 2 priorities



Reporting back

1. Communicating and disseminating the results
 - i. Demonstration, video, WeObserve cookbook...
2. What you value from this group:
 - i. Recognition for your contributions
 - ii. Social event for community building
 - iii. Producing a video
 - iv. Something else

Do we need help to achieve this?



Management



Principles of Conduct

- Extend respect and courtesy to colleagues at all times
- Develop and test ideas and insights impartially
- Think internationally, devising insights and solutions that meet the needs of diverse cultural contexts and operational environments
- Individuals who attend the WeObserve CoP-facilitated meetings are prepared to contribute to the ongoing work of the CoP
- Adhere to the agreed rules that protect the IPR of the members and the privacy of their discussions
- Adhere to the consensus process for deciding CoP-internally what content will be made public and when

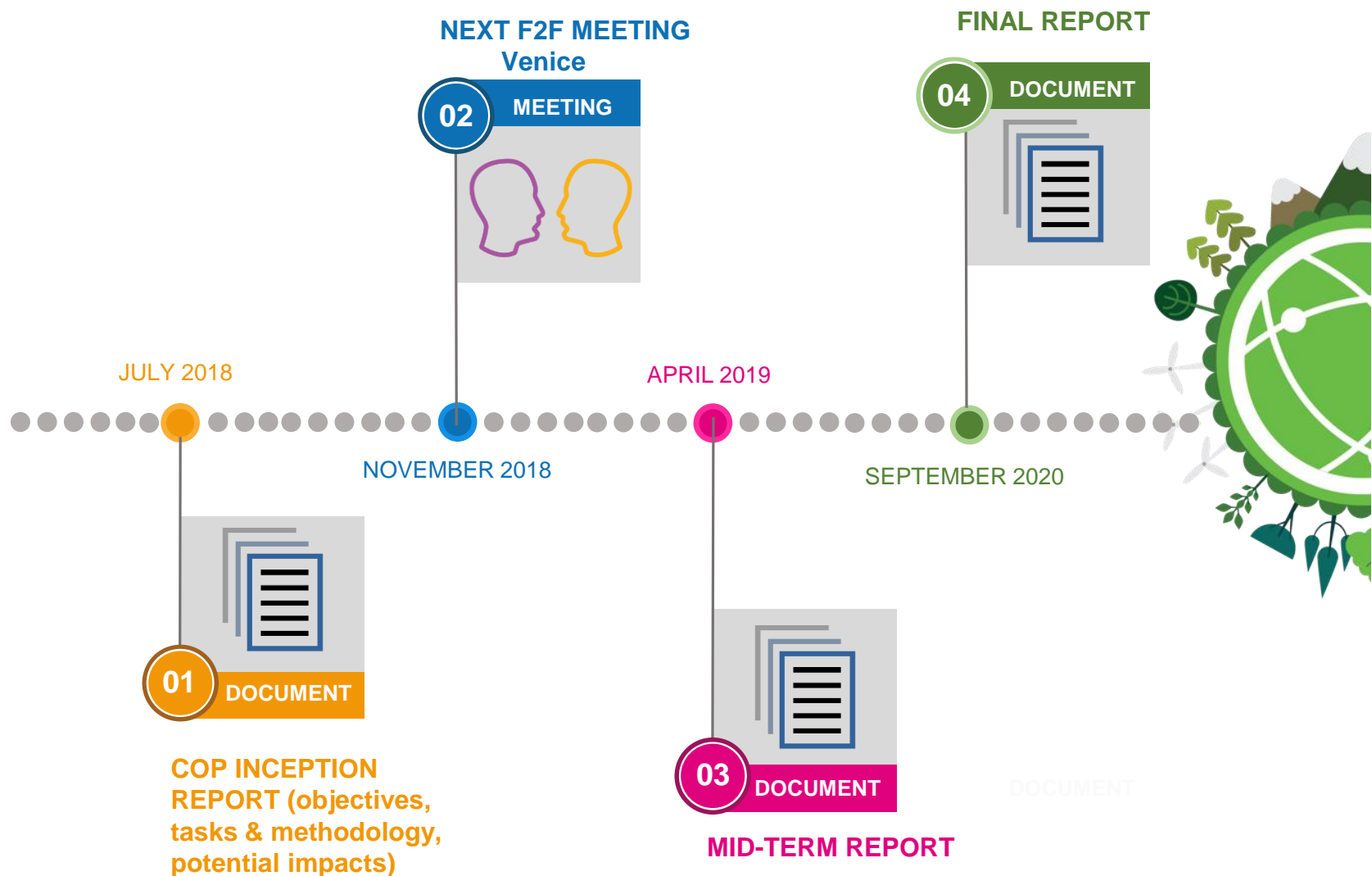


How we are going to work together

- Email list
- GoogleSite
- Regular telcos each month
 - Report on progress
 - Plan ahead
- F2F Venice, November 2018
- Other?

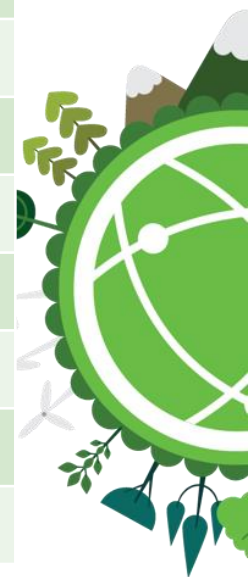


CoP2 timeline



Who's doing what

Activity	Timing	Who



Any other business





THANK YOU!

Any Questions?

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DELFT



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