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# CoP 1: Co-design and citizen engagement

Launch Workshop, 6 June 2018, Geneva

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Uta Wehn | IHE Delft



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## Welcome Remarks

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

1. Your Name
2. Your Organization
3. Participant or Observer of CoP1
4. Which 3 sub-topics of co-design & citizen engagement you are most interested in:
  - i. ...
  - ii. ...
  - iii. ...



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

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 CoP1

**“Co-design & citizen engagement** - Addressing incentives and barriers for participation, engagement strategies and citizen-science ethics”

- We need to co-define the CoP1 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, etc.
- Who is going to do what



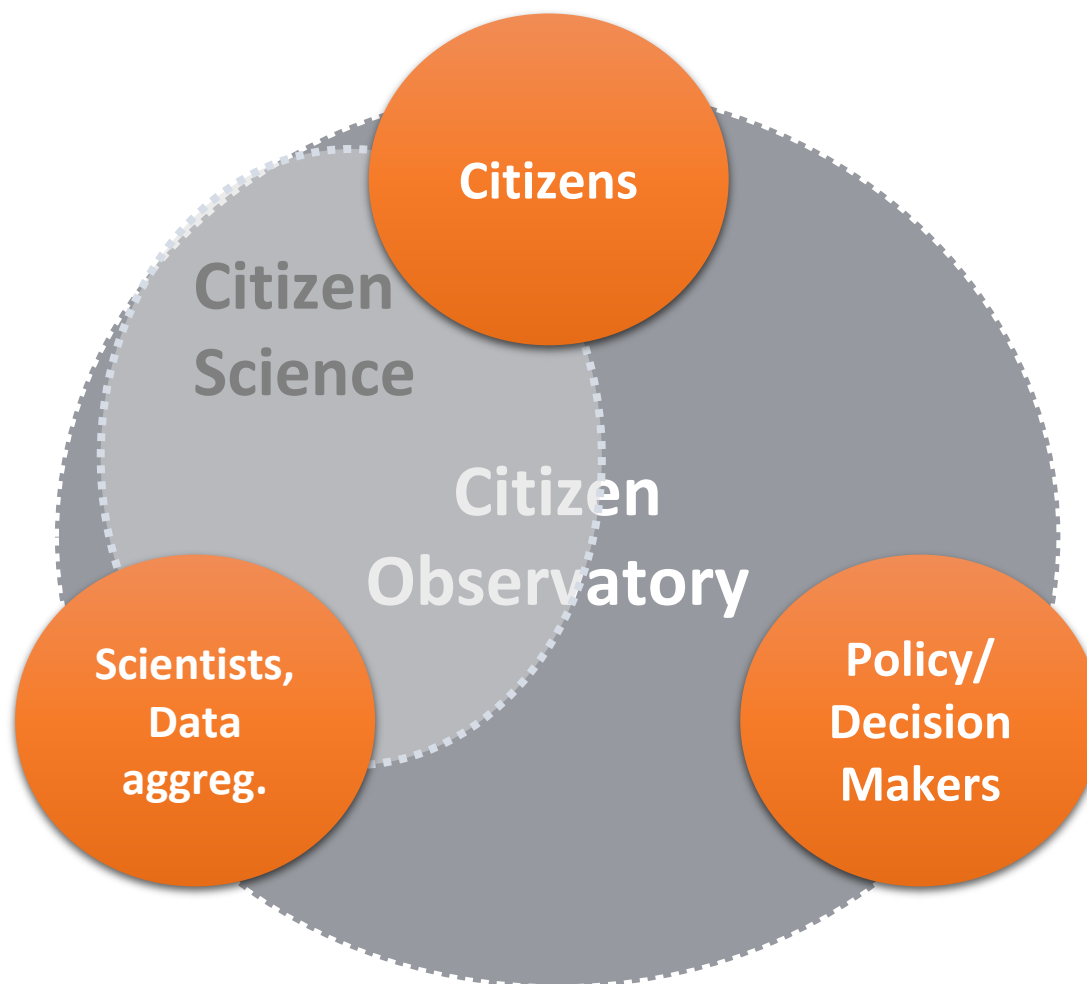
# CoP 1: “*Co-design & citizen engagement*”

**Citizen  
science**

**Citizen  
observatories**

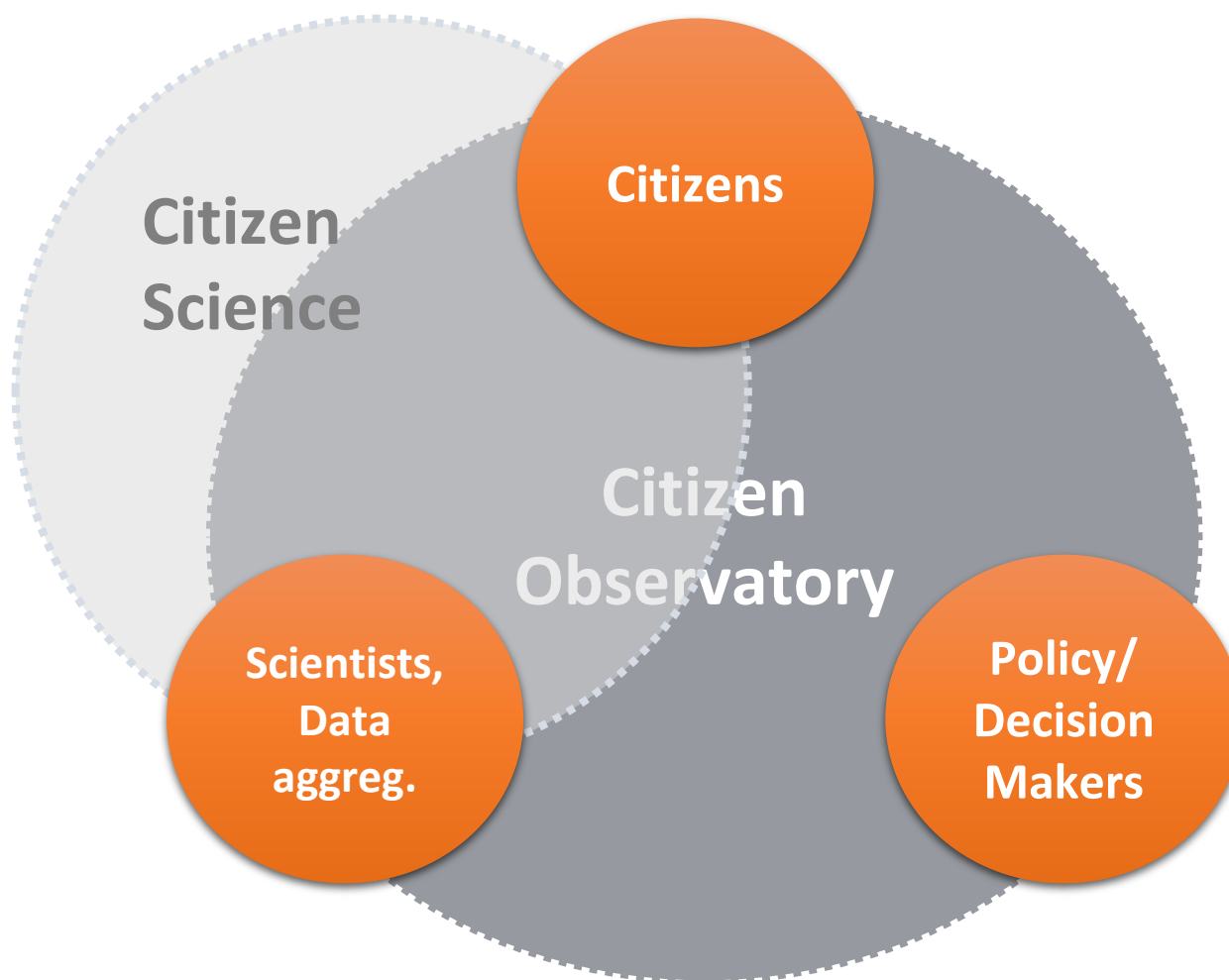


# Citizen Science & Citizen Observatories

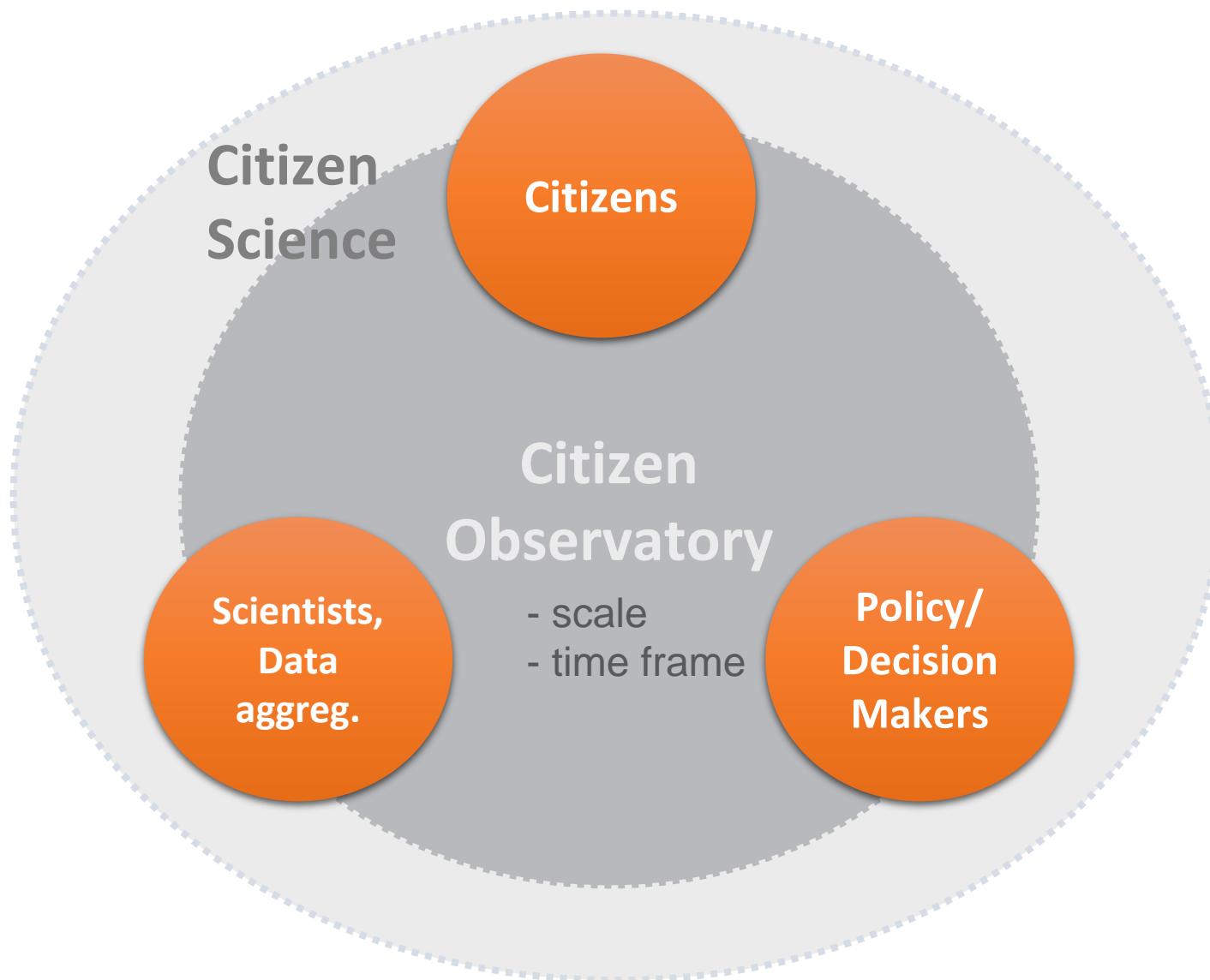




# Citizen Science & Citizen Observatories



# Citizen Science & Citizen Observatories



## CoP 1: “Co-design & citizen engagement”

## What you bring to this CoP:



# CoP 1: “*Co-design & citizen engagement*”

**Target audience:** Who will benefit from the work done by this CoP?

***Individually:*** Put your own ideas on post-its (1 per post it)

***Per table:*** Discuss and cluster

Share with plenary



Reporting back per table

CoP 1: *“Co-design & citizen engagement”*

**Target audience:** Who will benefit from the work done?



## CoP 1: “Co-design & citizen engagement”

**“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



## CoP 1: “Co-design & citizen engagement”

### 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

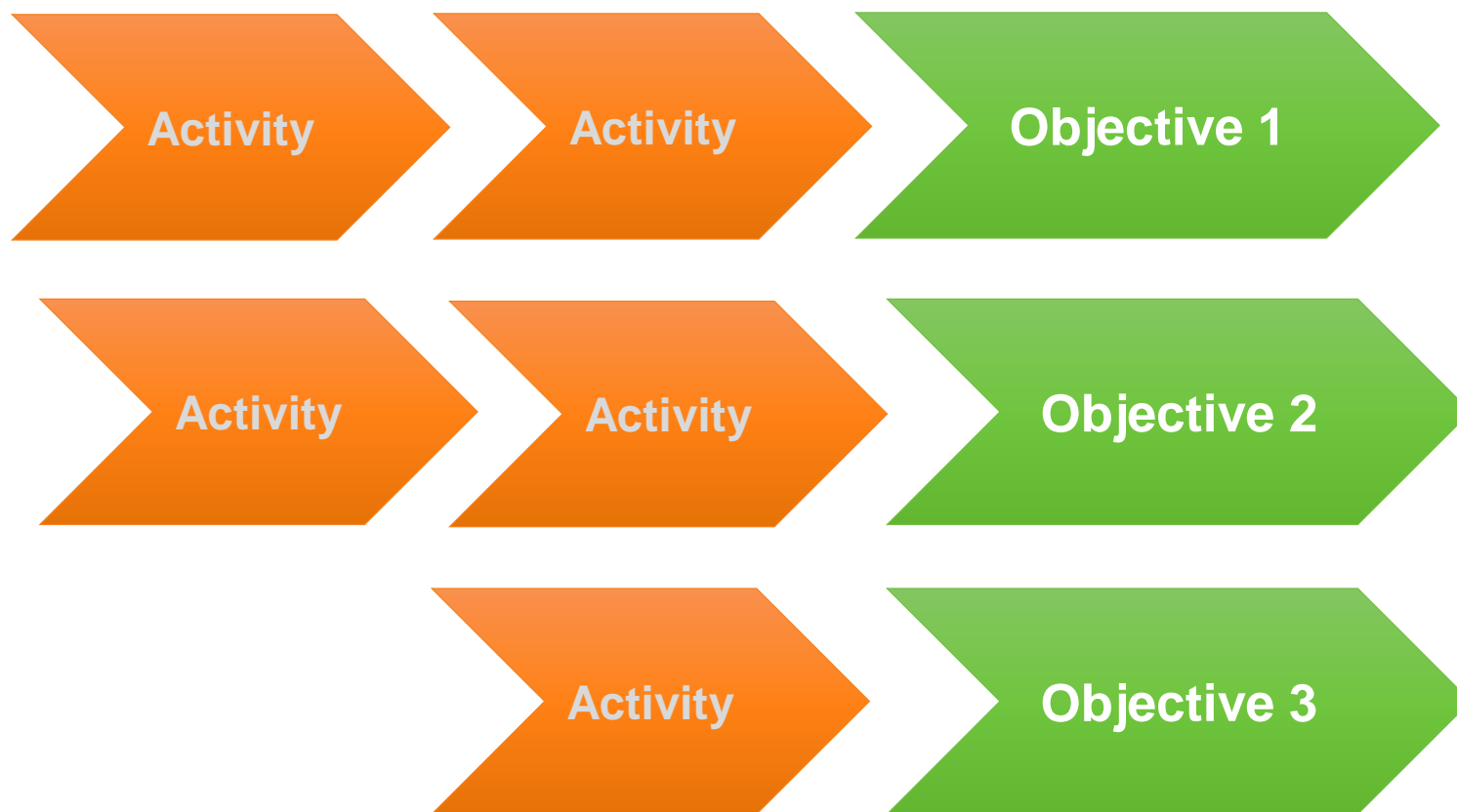


SMART objectives:  
specific, measurable, achievable, relevant  
& timely



## CoP 1: “Co-design & citizen engagement”

From Objectives to ...





## CoP 1: “Co-design & citizen engagement”

### Activities to achieve these Objectives

Table 1 - topic

Table 2 – topic

Table 3 – topic

1. To identify and document relevant methods on ...
2. To capture lessons learned on implementing the methods ...
3. To feed the methods and lessons learned on ... into the WeObserve Cookbook on Citizen Observatories



# Discussion per table

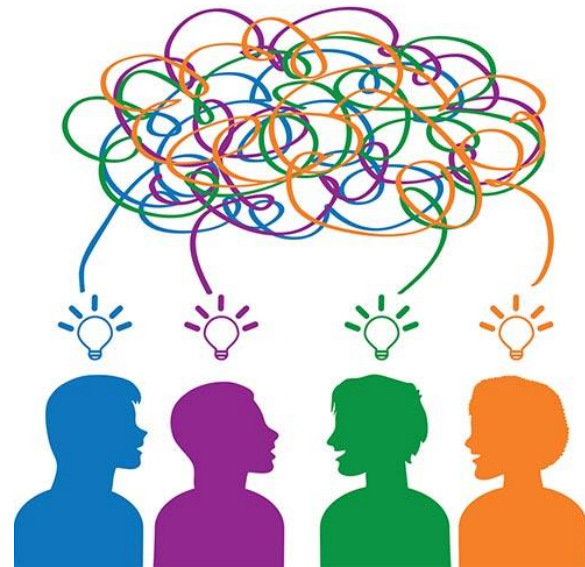
## 1. **How** to communicate and disseminate the results

- 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 on the discussions per table

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

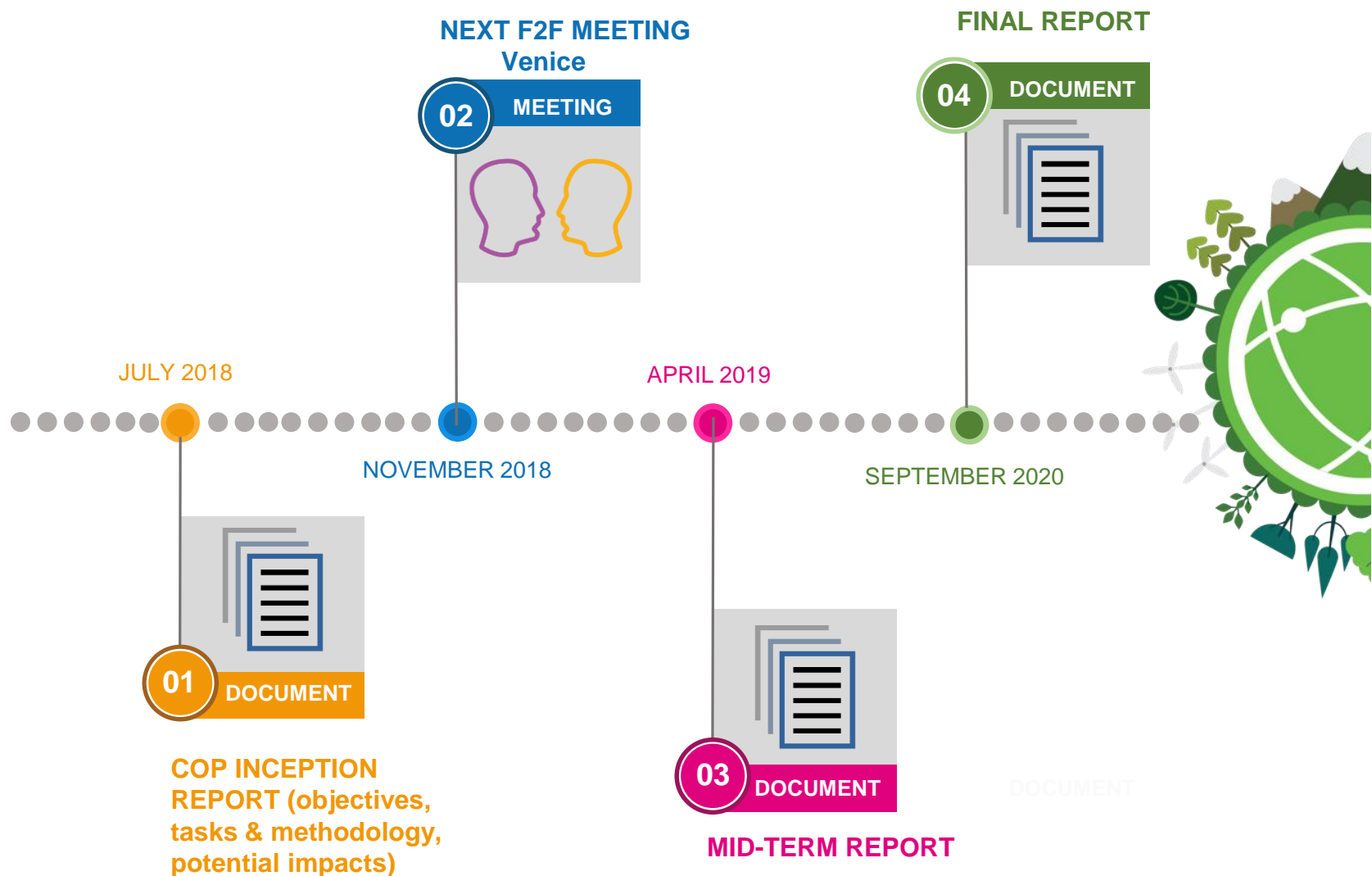


# How we are going to work together

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

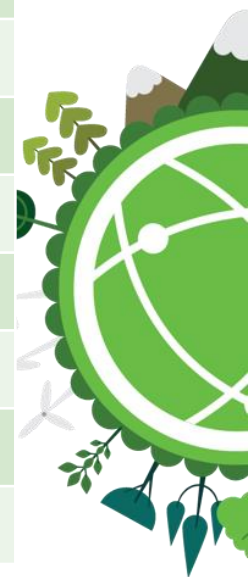


# CoP1 timeline



# Who's doing what

Activity	Timing	Who





# Any other business





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# THANK YOU!

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*Any Questions?*

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**IHE**  
DELFT



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