



Engaging citizens in science and policy: lessons from the Ground Truth 2.0 citizen observatories

Uta Wehn (IHE Delft), Joan Masó (CREAF), Stijn Vrancks (VITO), Rianne Giesen (HR), Camille Pelloquin (Starlab), Tessy Cerratto Pargman (SU), Hans van der Kwast (IHE Delft), Mwape Sichilongo (WWF Zambia), Kim Anema (IHE Delft)

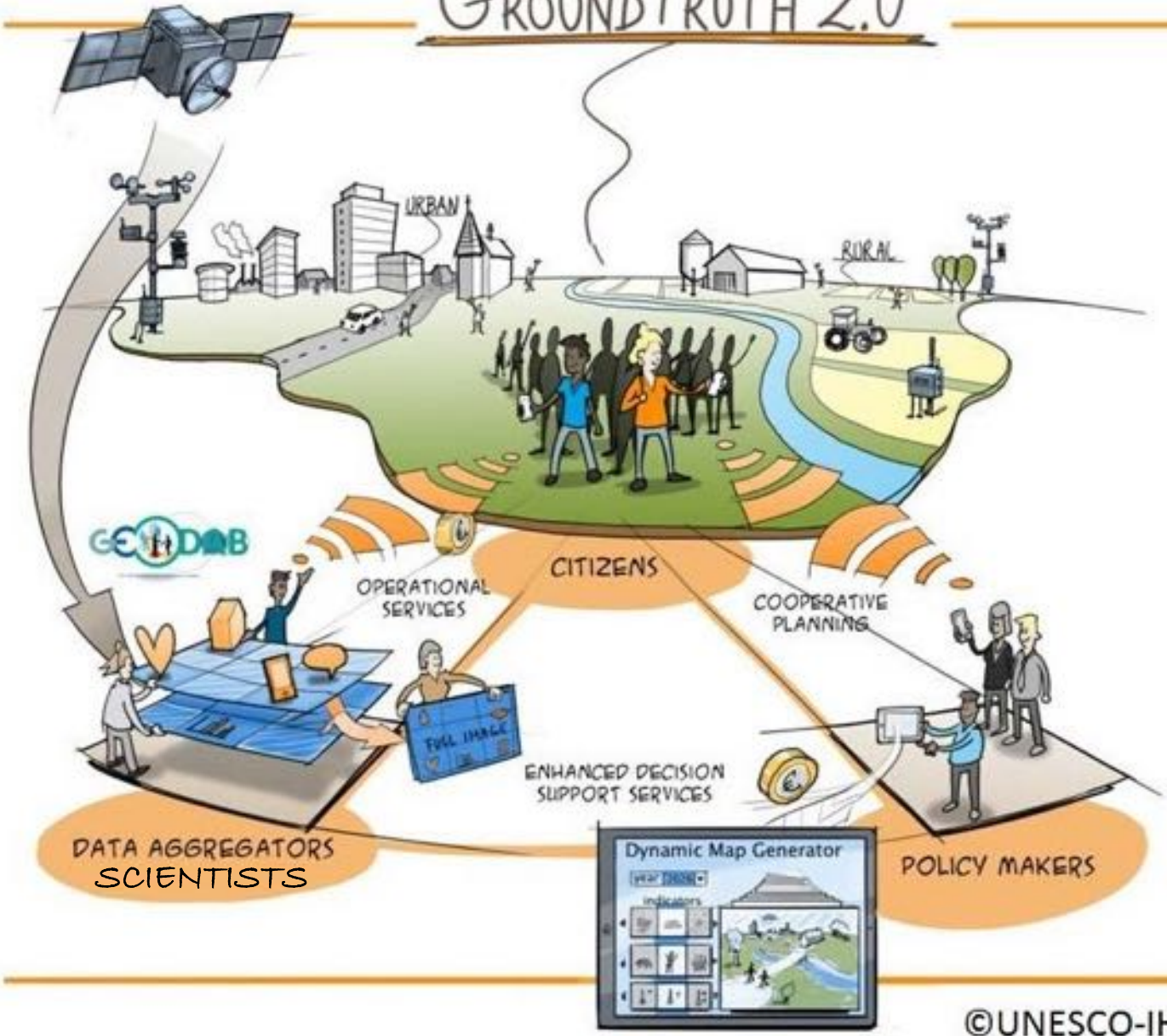
Laura Moreno (Starlab Space director)

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Project Director: Dr. Uta Wehn, Associate Professor, IHE Delft

GROUNDTRUTH 2.0



Citizen Observatories

Dedicated **communities** of *citizens, scientists & decision makers*

relying on **ICT-based** platforms and tools

to actively **collaborate** in the *collection, exchange and use* of information & knowledge for a shared purpose.

Socio-technical approach
LivingLabs principles

**Social
Dimensions**

**Citizen
Observatories**



**Demonstration
Cases**

**Business
development**

**Enabling
Technologies**

Market

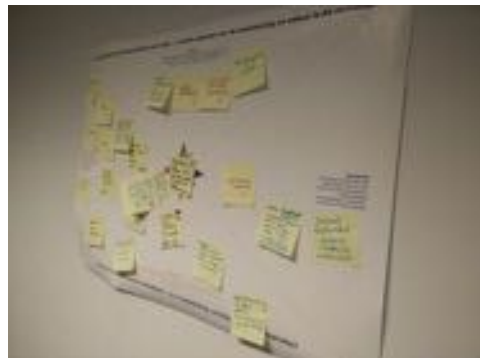
Co-design of 6 demand-driven Citizen Observatories



Belgium Demo Case

Environmental quality of life

Meet Mee Mechelen



Screenshot of the Web-platform



Example of air quality measurements



Sweden Demo Case

Water quality management



Screenshot of the Web-platform



Example of water quality map

HEM | OM OSS | NÄRSGÅRDEN | PÅGÅENDE | RÖD | SVART | RÖNNEÅS | OBSERVATORIA | PLATFOMMEN | JAG VILL DELTA

VattenFokus



Spain Demo Case

Preparing for Climate Change

Screenshot of the Web-platform



Citizen observations





Screenshot of the Web-platform



Example of information about water storage areas



Zambia Demo Case

Community-based sustainable natural resources management



Web-platform design



Current Event Book

Date	Obs type	Species		Sex		Notes (sex, age, structure, etc)	Reported to...
		South	East	South	East		



Demo Cases

Niti Luli
Sesheke West & Mufulani
Citizen Observatory



Community-based sustainable NRM

Zambia

Maasai-Mara Citizen Observatory



Balancing livelihoods & biodiversity mgt

Kenya



Water quality management

Sweden

VattenFokus

RitmeNatura.cat



Preparing for Climate Change

Spain

Grip op water Alتنا



Weather & Climate proof water mgt

The Netherlands



Environmental quality of life

Belgium

Meet Mee Mechelen



Engaging citizens in science & policy

LESSONS LEARNED from Ground Truth 2.0

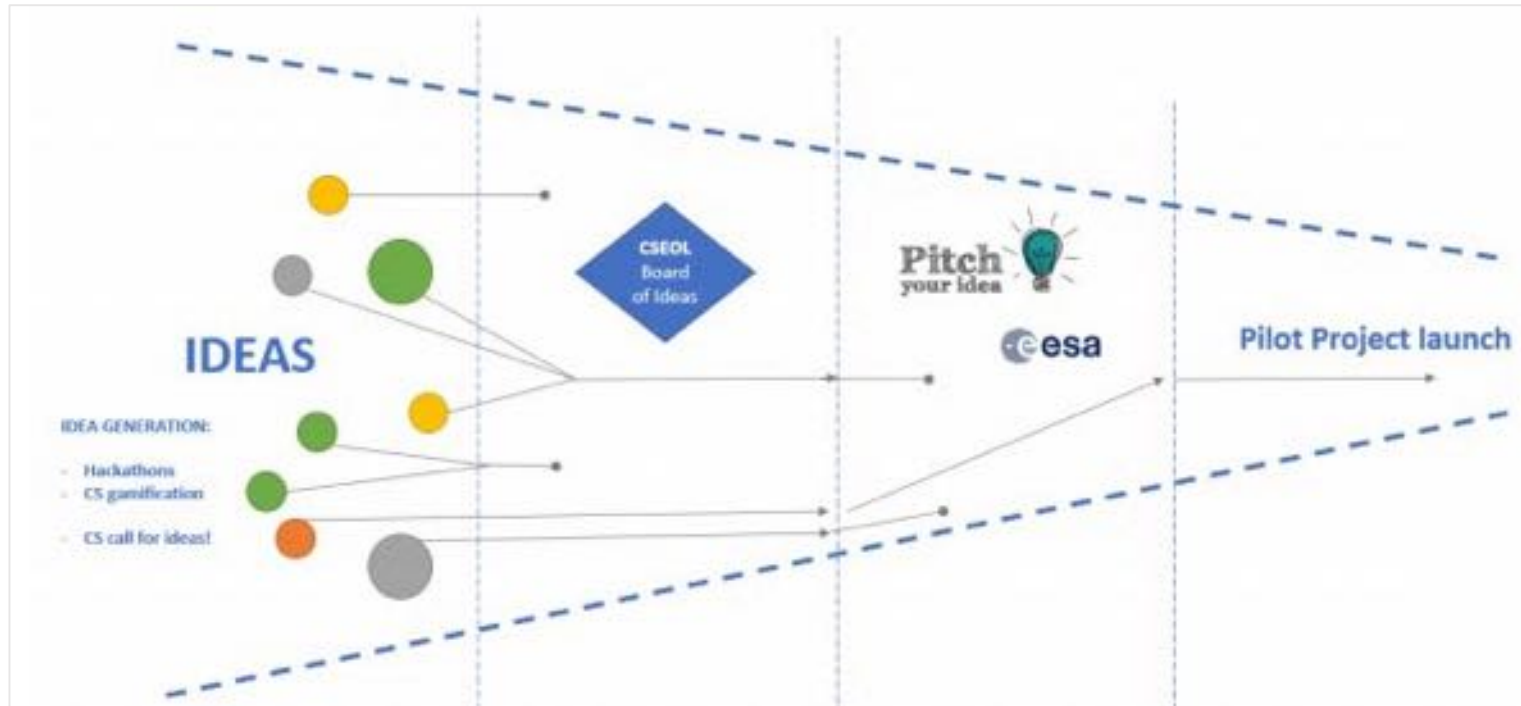
- ✓ Feasibility & benefits of CO differ per community
 - > flexible, useful, adaptable method
 - geogr. contexts
 - social settings
 - thematic issues
- ✓ **Community building** as important as co-designing platform & tools
- ✓ **Value of co-design** starts *before* delivery of platforms, apps, tools

- ✓ COs ≠ plug & play solutions for data collection
- ✓ **Framing COs:** more than just *more data* and not *just* about science!
- ✓ Stakeholder participation & knowledge co-production

Starting soon!



CSEOL: Citizen Science Earth Observation Lab



2 year project

To support **validation & exploitation of EO using Citizen Science**

**Early 2019:
Call for Ideas**

**Late 2019:
Selection & start of 4
pilot projects, 75k EURO
funding per pilot**

More info: u.wehn@un-ihe.org (CSEOL Project Coordinator)

Thank you!



Project Director: Dr. Uta Wehn, Associate Professor, IHE Delft, u.wehn@un-ihe.org



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