

Citizen observatories empowering people in integrated water and waste management

Uta Wehn, IHE Delft

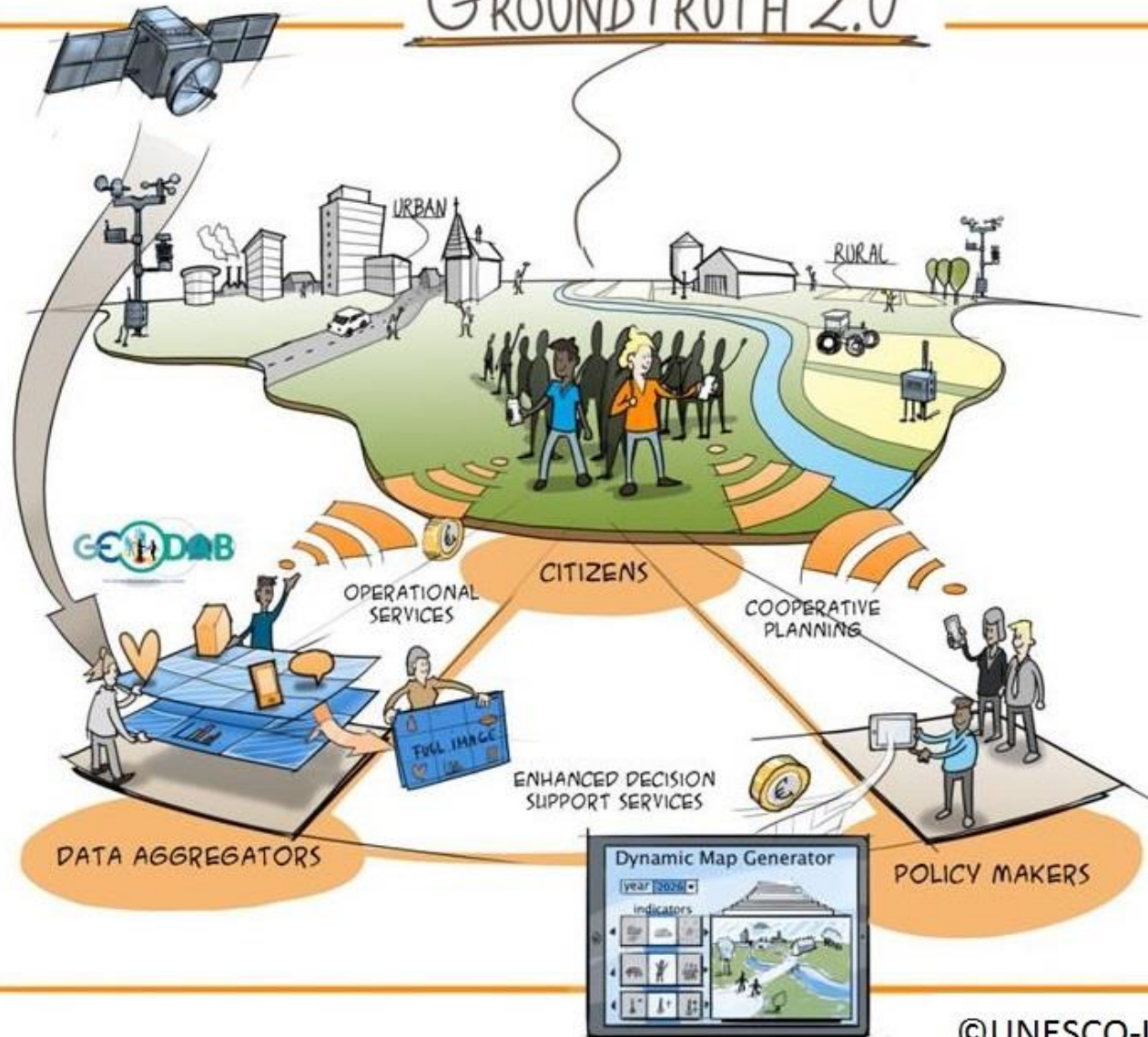
Steven Loiselle & Ian Thornhill (Earthwatch), Thomas Bjelkeman-Pettersson (Akvo), Tessy Cerratto-Pargman (SU), Nina Viereckel (Gavagai)

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

GROUNDTRUTH 2.0



Citizen observatories

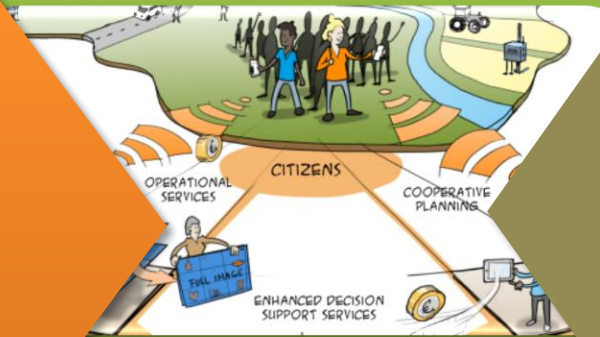
...innovative tool for **fostering the collective interaction** required between stakeholders to attain improved sustainable and integrated water management

...from citizen-based data collection to knowledge sharing for **joint decision-making, cooperative planning and environmental stewardship**

groundtruth2.0 approach

Social
Dimensions

Citizen
Observatories



Demonstration
Cases

Enabling
Technologies

Socio-technical approach
LivingLabs principles

6 demand-driven Demo Cases (Africa & EU)



Sustainable natural resource management

Zambia



Biodiversity conservation

Kenya



Water quality management in socio-ecological systems

Sweden



Preparing for climate change

Spain



Weather and climate-proof water management

The Netherlands



Environmental quality of life in Flanders

Belgium

Session objectives

Share

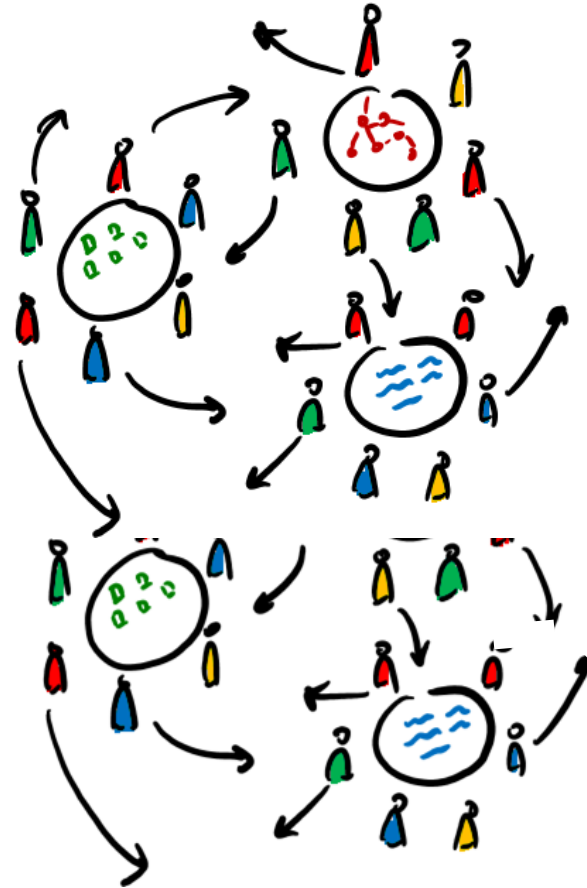
- **opportunities** for a **paradigm shift** in water resources management
- **challenges** related to maintaining **engagement, quality control** and **impact**

Session structure

Carousel session with Ground Truth 2.0 partners:

- **5** different 'stations'
- **10 minutes** per station (=50 min.)

Wrap up



5 Carousel stations

Social dimensions

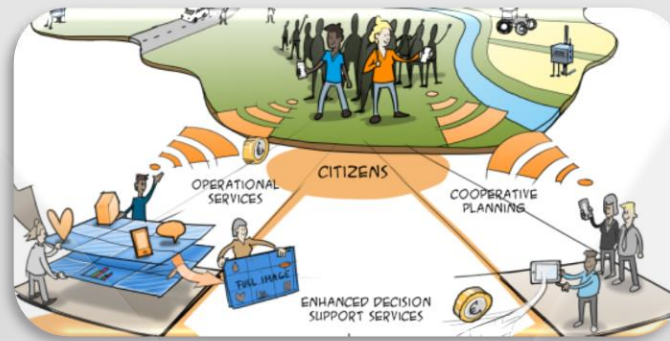
Co-design method for developing sustainable citizens observatories

Uta Wehn, *IHE-Delft*

Training citizen scientists & **keeping them engaged** to generate new knowledge for science and policy

Ian Thornhill, *Earthwatch Inst.*

Citizen Observatories



Citizen observatory for water quality management – the **Swedish GT2.0 demo case**

Tessy Cerratto-Pargman
Stockholm University

Enabling technologies

Novel data acquisition & visualisation tools for citizen observatories

Thomas Bjelkeman-Pettersson
Akvo Foundation

Social media analytical tools to track the impacts and influences of citizen observatories

Nina Viereckel *Gavagai*

10 minutes per station

Thank you

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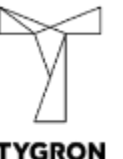
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HydroLogic
RESEARCH



Upande

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