



Assessing COs' potential to create local changes
with global impact:
The case of the GROW Observatory & SDGs

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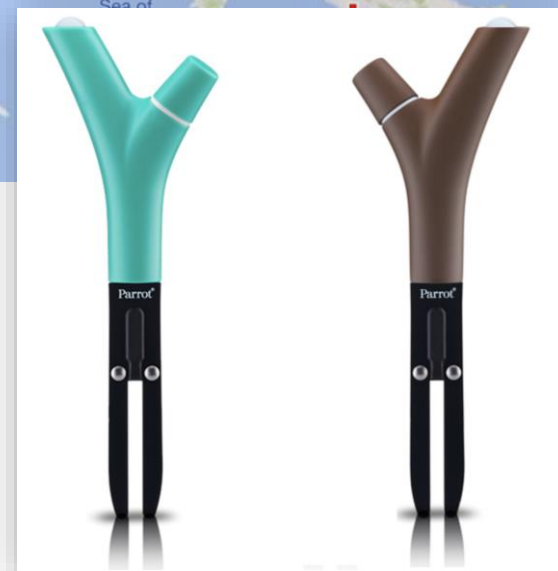
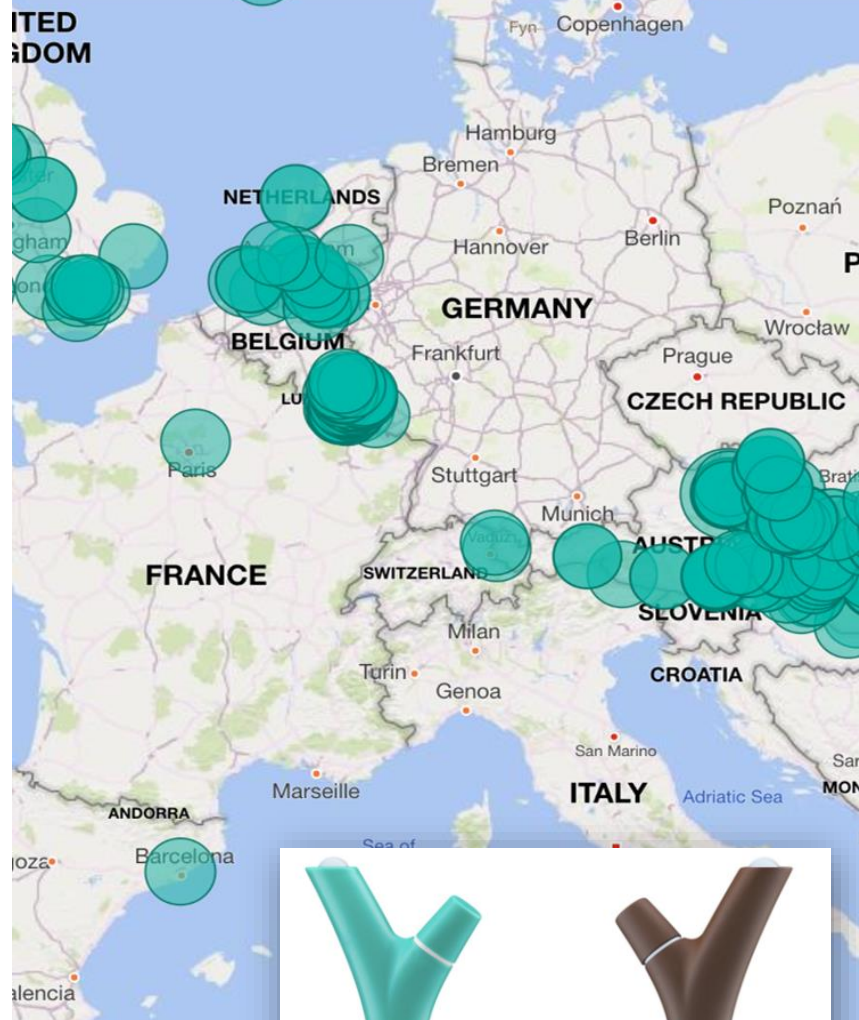
GROW

OBSERVATORY NETWORK

6502 sensors in the ground (2019)

- 24 geographic dispersed GROW places
- Over 500 million rows in the sensor dataset
- 4 Parameters: Soil Moisture, Temperature, Light Level, Battery Level
- Time Span: Oct 2016 - Nov 2019

<https://growobservatory.org/grow-observatory-sensor-location-map/>



GROW

OBSERVATORY RESULTS

- Advanced towards specific SDGs, at goal, target and indicator level
- GROW datasets could directly contribute to monitoring 4 SDG indicators: 2.4.1, 11.3.1, 15.1.1 & 15.3.1.
- CS Missions, learning resources & events were relevant to 14 goals (82.35%) & 38 targets (22.48%)
- Several activities contributed to one+ goal/target, highlighting cross-cutting benefits with multilevel impact.





OBSERVATORY GUIDING PRINCIPALS FOR SDGs

1. Work towards SDGs as a coherent integrated framework
1. Foster multilevel governance connections
1. Co-design for meaningful long term engagement
1. Maintain COs as spaces to facilitate relevant debates (such big open data & decoupling SDGs from economic growth)
1. Offer opportunities for positive climate action