GHEID

Global/**G**eneva **H**ub for **E**valuation and **I**mplementation of **D**igital **H**ealth

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GHEID

- Hosted by HI5LAB : HEALTH INFORMATICS FOR INNOVATION, INTEGRATION, IMPLEMENTATION AND IMPACT

- Vision: to federate diverse competencies in the field of digital health implementation and evaluation into a network of experts that has the critical mass and credibility to provide the services necessary to support diverse implementations and evaluations of digital health in various settings.

- Tool: inter-connected mapping of digital health activities, stakeholders, and outputs

SMART-GHEID

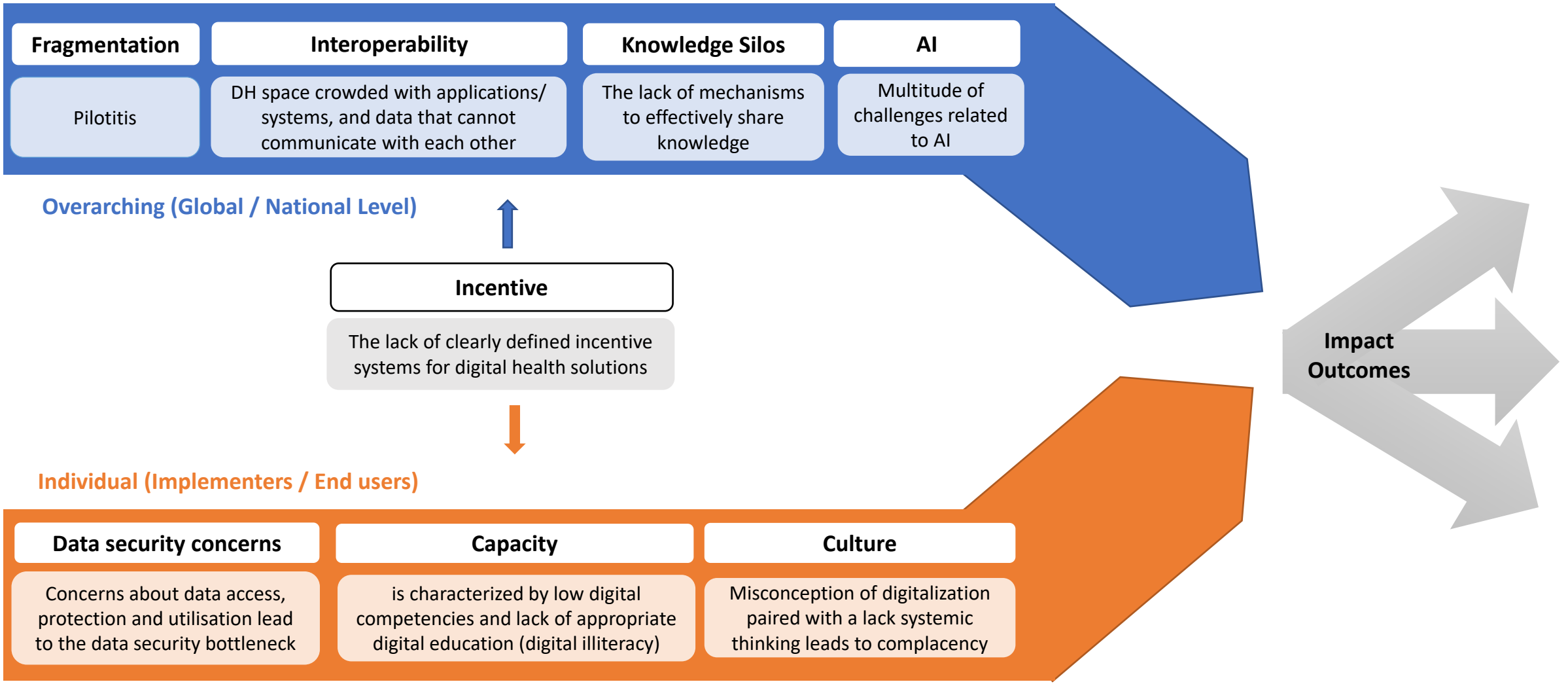
Preliminary insights

SMART-GHEID preliminary insights

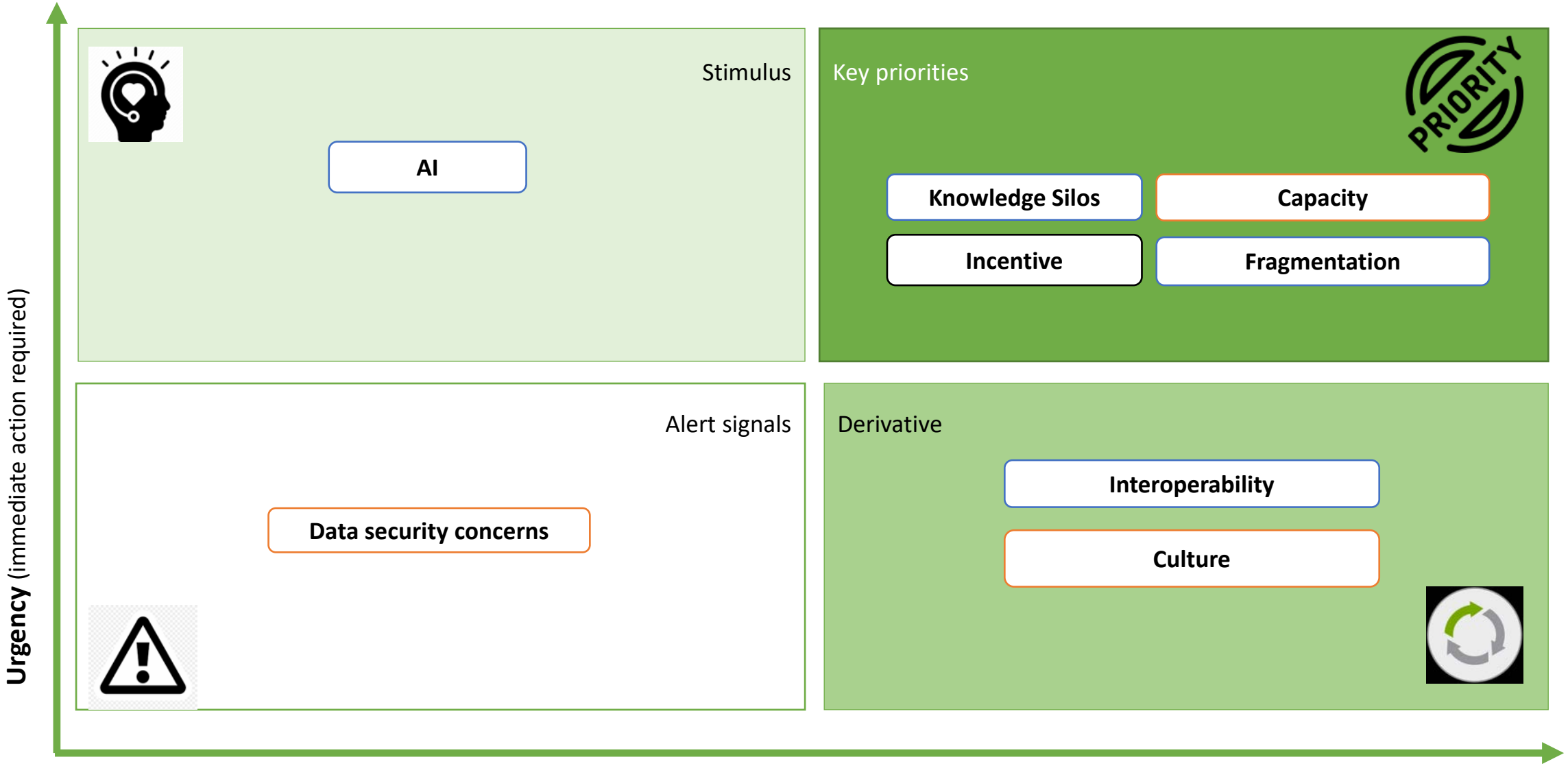
SMART: Study to **M**ap and **A**ssess **R**elevant **T**echnologies for health

- 28 people interviewed from 23 Organizations / initiatives
- 13 Surveys from initiatives already funded by SDC

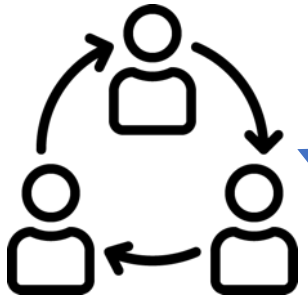
SMART-GHEID bottlenecks



Key priorities



Increased collaboration / meaningful connection will address key priorities



Fragmentation

- **R** Coordinate on digital health projects according to the Principles of Donor Alignment for Digital Health
- **R** Increase collaboration Of Stakeholders
- **R** Consider ethical challenges, and human rights of digital health (particularly AI)

Knowledge Silos

- **R** Consider mechanism to break knowledge silos
- **R** improve sharing and exchange of insightful knowledge

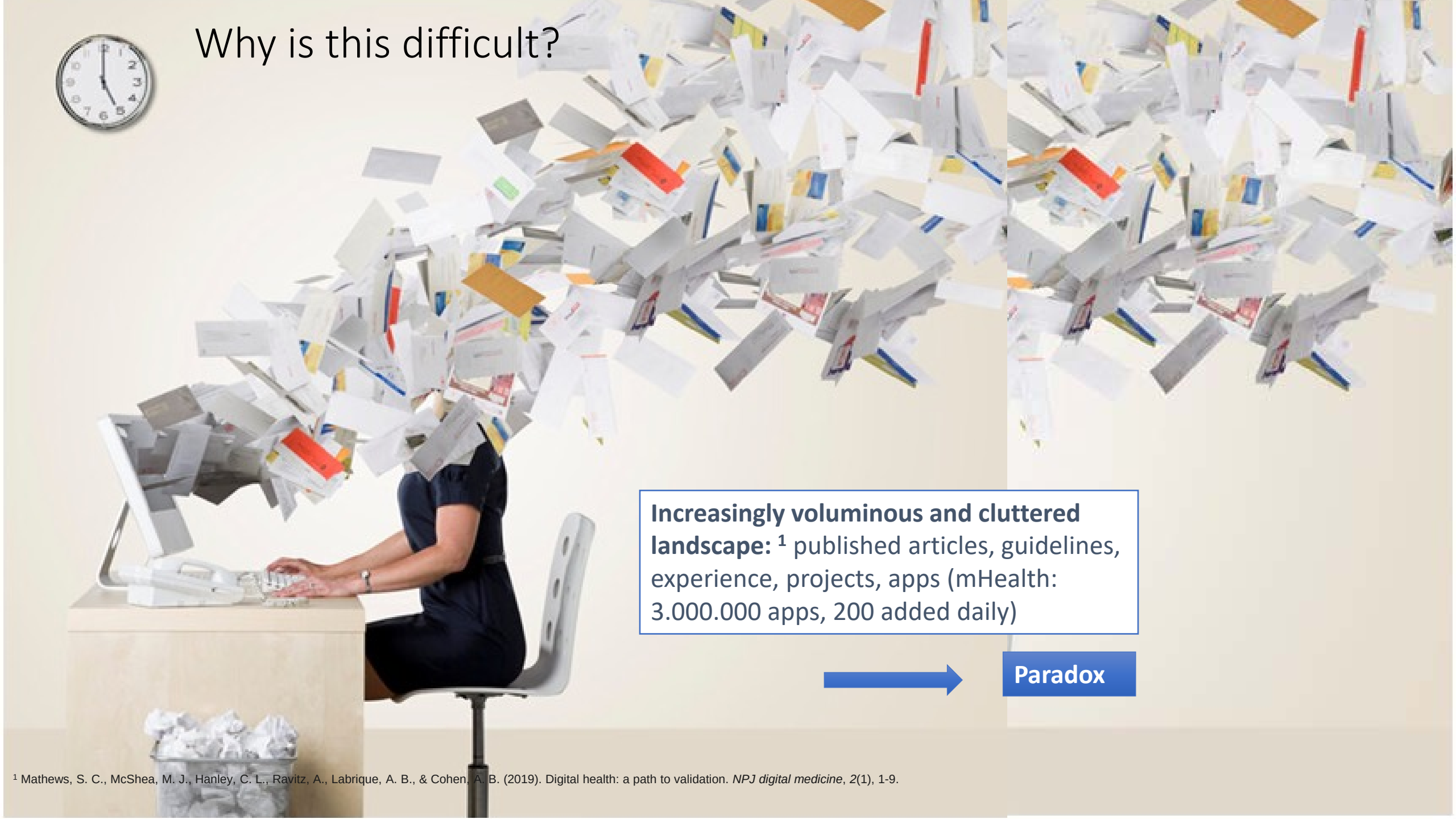
Incentive

- **R** Demonstrate impact
- **R** Identify value chain models

Capacity

- **R7** Consider the youth: future champions that will create and implement systemic changes

Why is this difficult?



Increasingly voluminous and cluttered landscape: [1] published articles, guidelines, experience, projects, apps (mHealth: 3.000.000 apps, 200 added daily)

Paradox

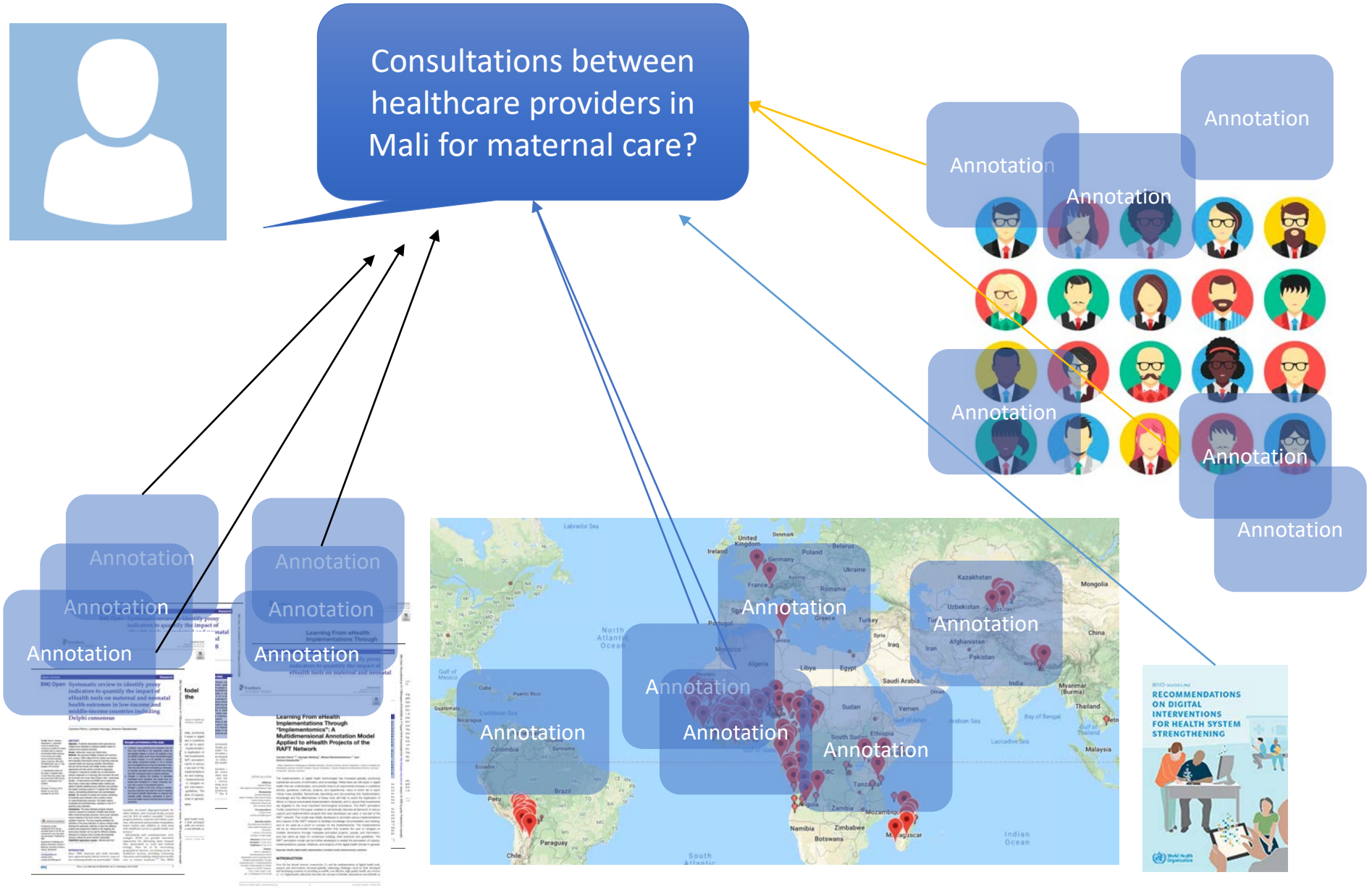
[1] Mathews, S. C., McShea, M. J., Hanley, C. L., Ravitz, A., Labrique, A. B., & Cohen, A. B. (2019). Digital health: a path to validation. *NPJ digital medicine*, *2*(1), 1-9.

How can we achieve this

Platform to connect

“**Implementomics**,” the ability to capture, organize and exploit the multidimensional knowledge related to implementation issues.

- As for other “omics” domains, a key challenge is to master the variety and volume of information
- Knowledge models can improve this


Consultations between healthcare providers in Mali for maternal care?
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RECOMMENDATIONS ON DIGITAL INTERVENTIONS FOR HEALTH SYSTEM STRENGTHENING

Implementome

inter-connected mapping of digital health activities, stakeholders, and outputs

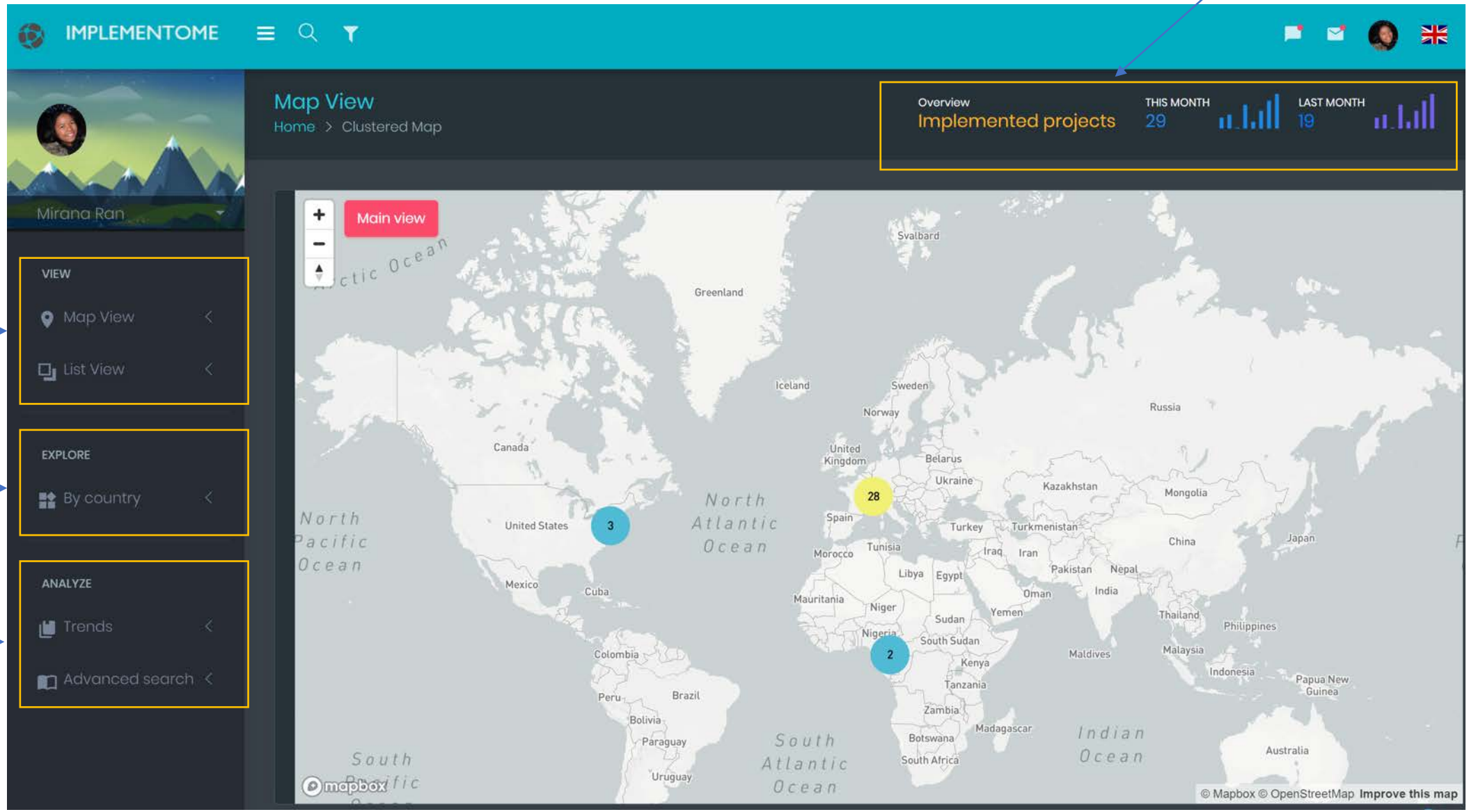
Main interface

Quick view: implemented projects trends

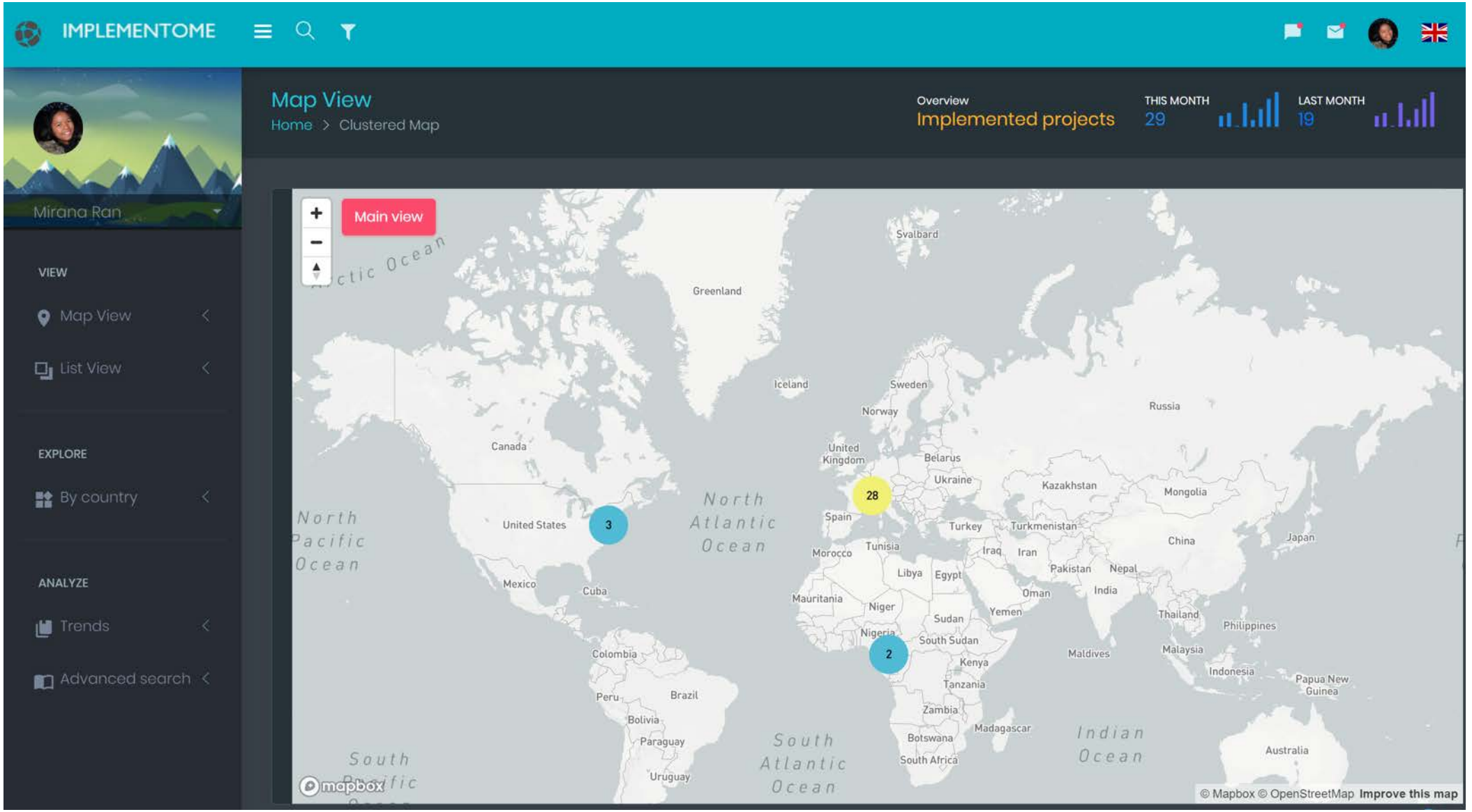
View

Explore

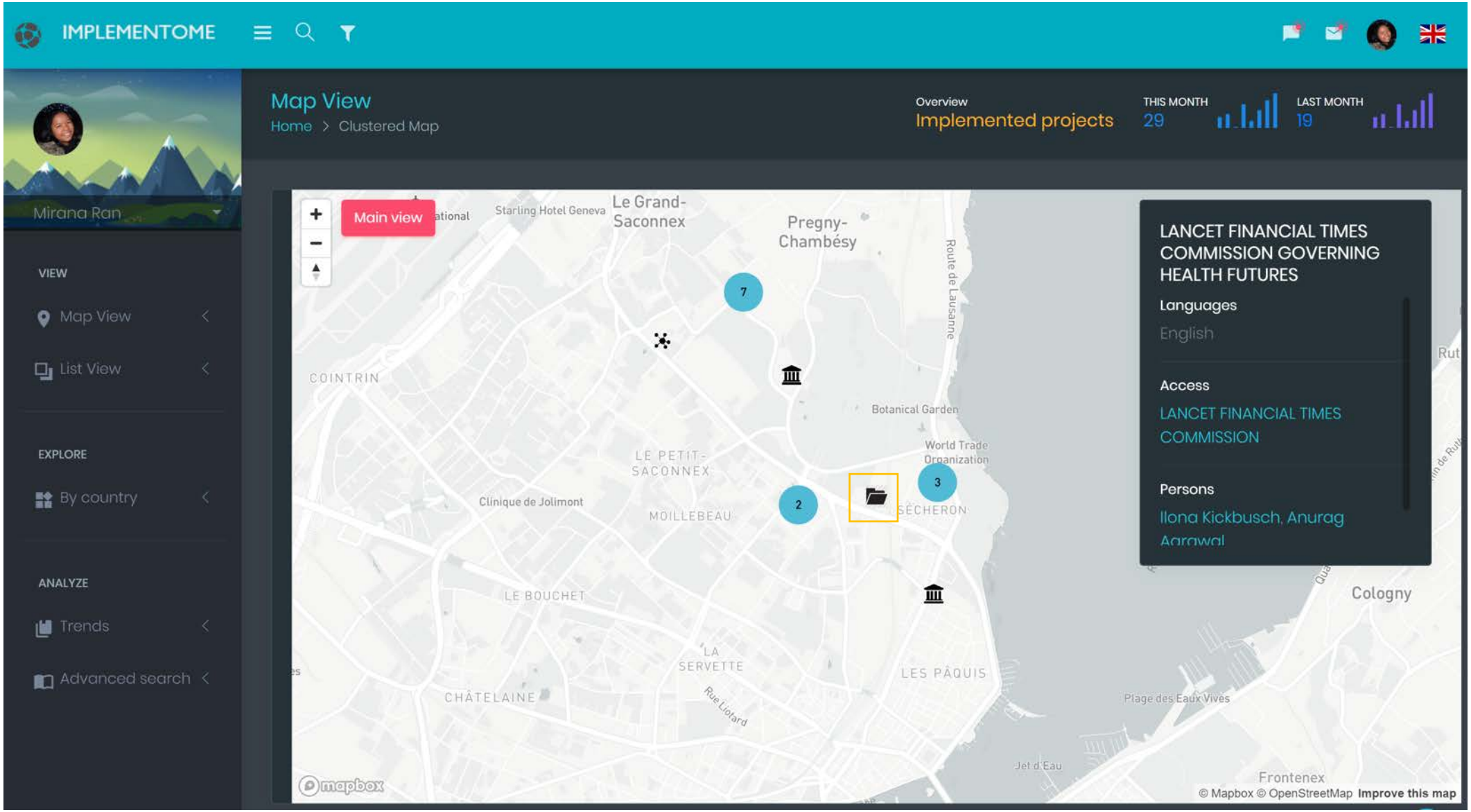
Analyze



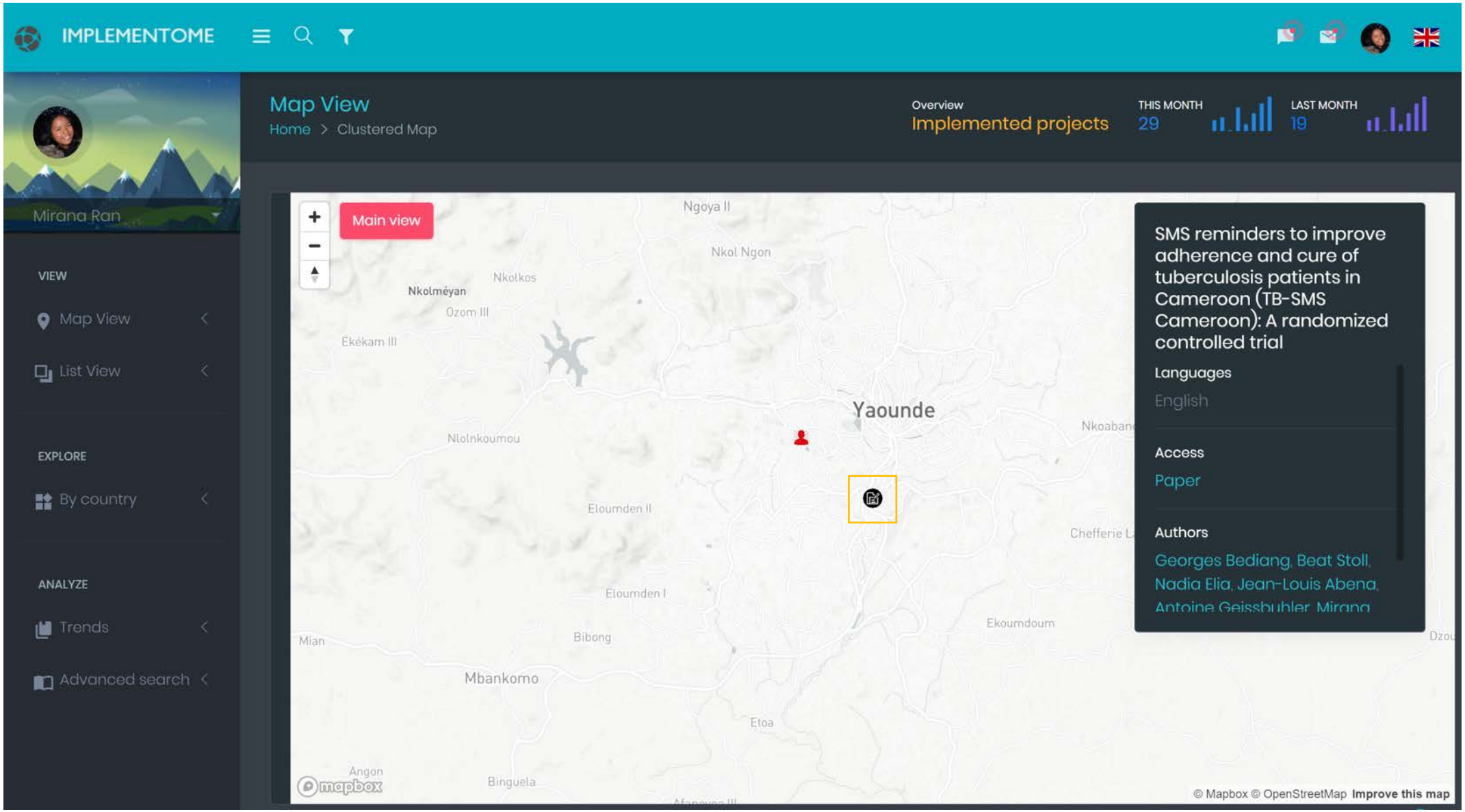
Map view: clustured items (projects) view on the map



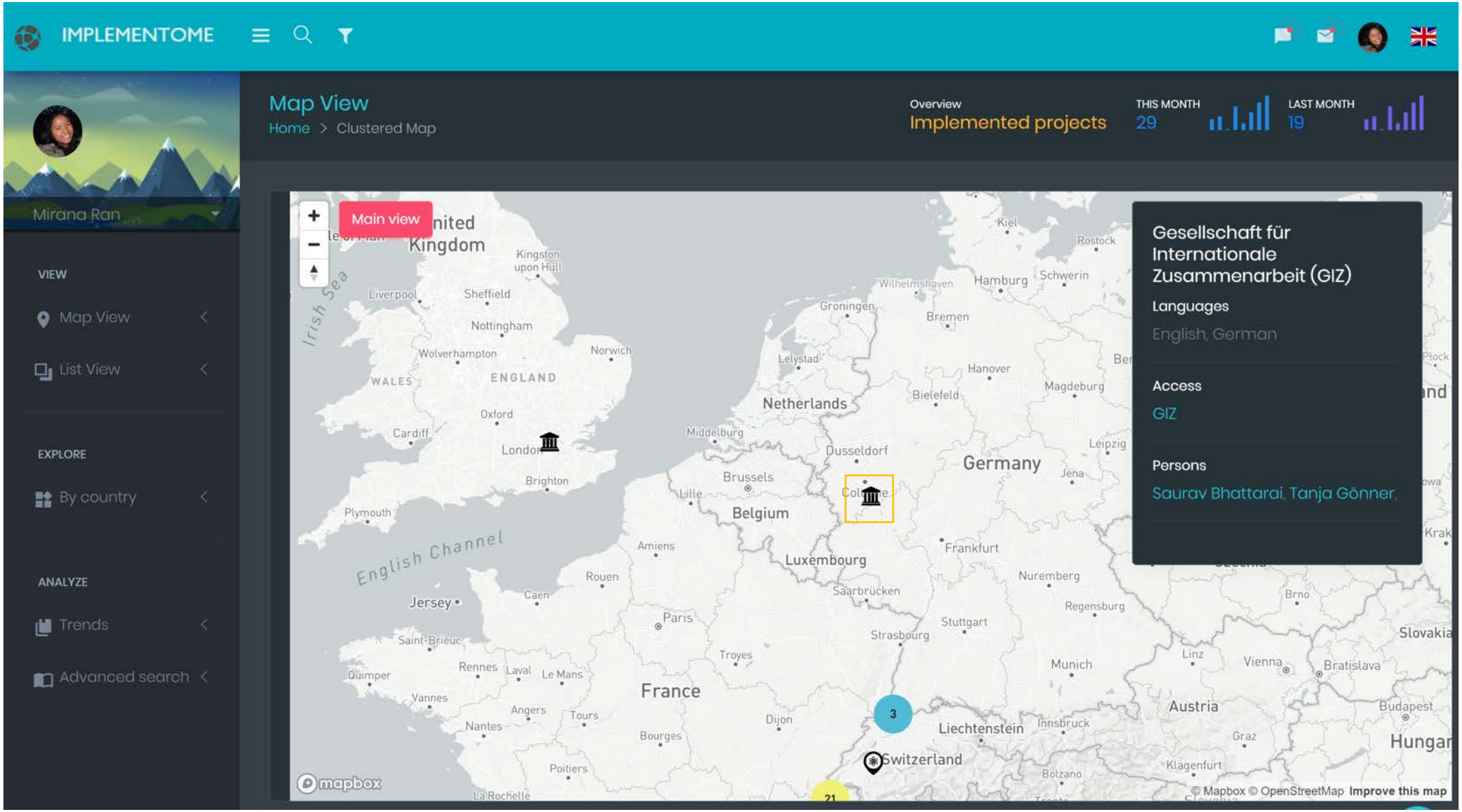
Map view: example - programs



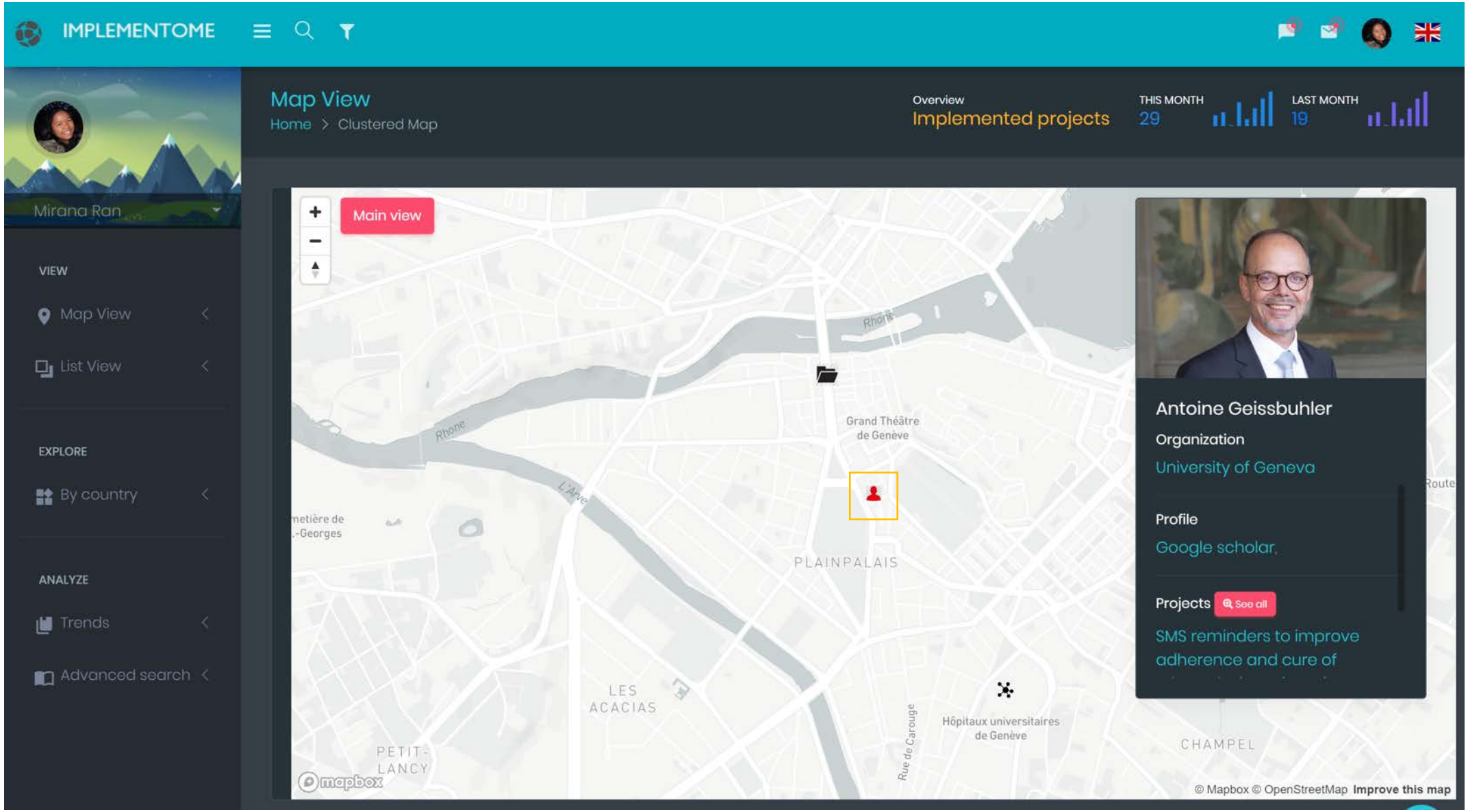
Map view: example - publications



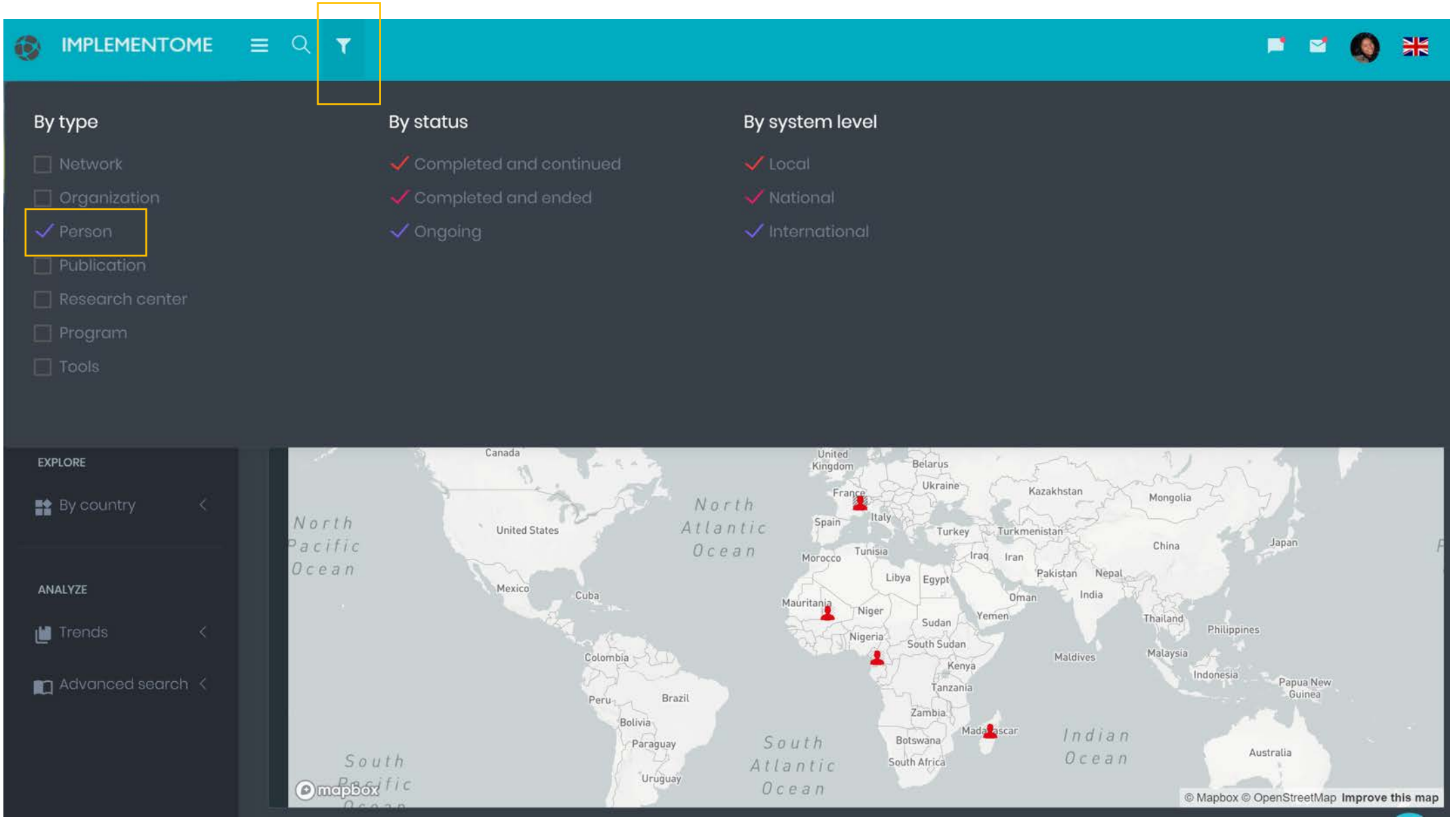
Map view: example - organizations



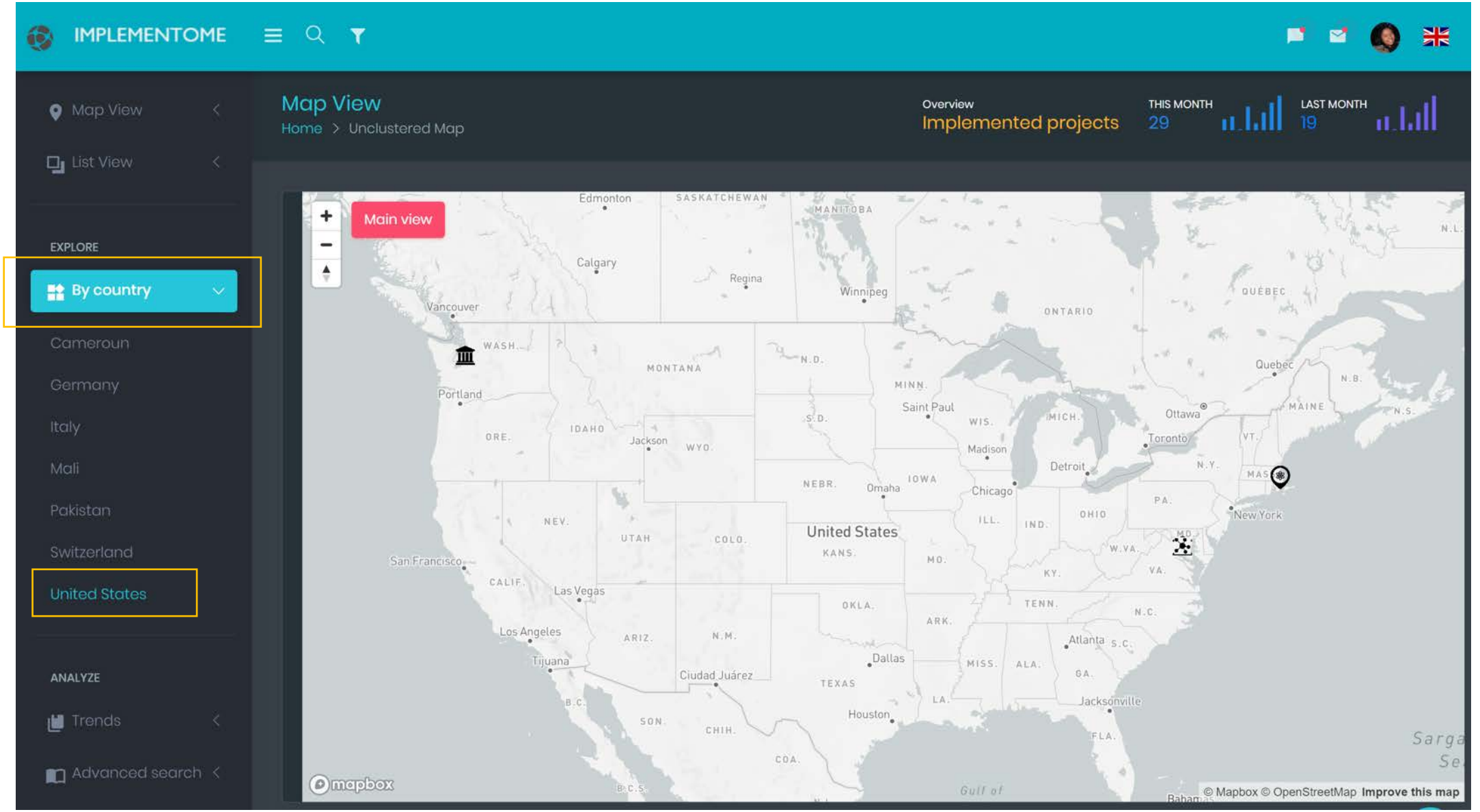
Map view: example - persons



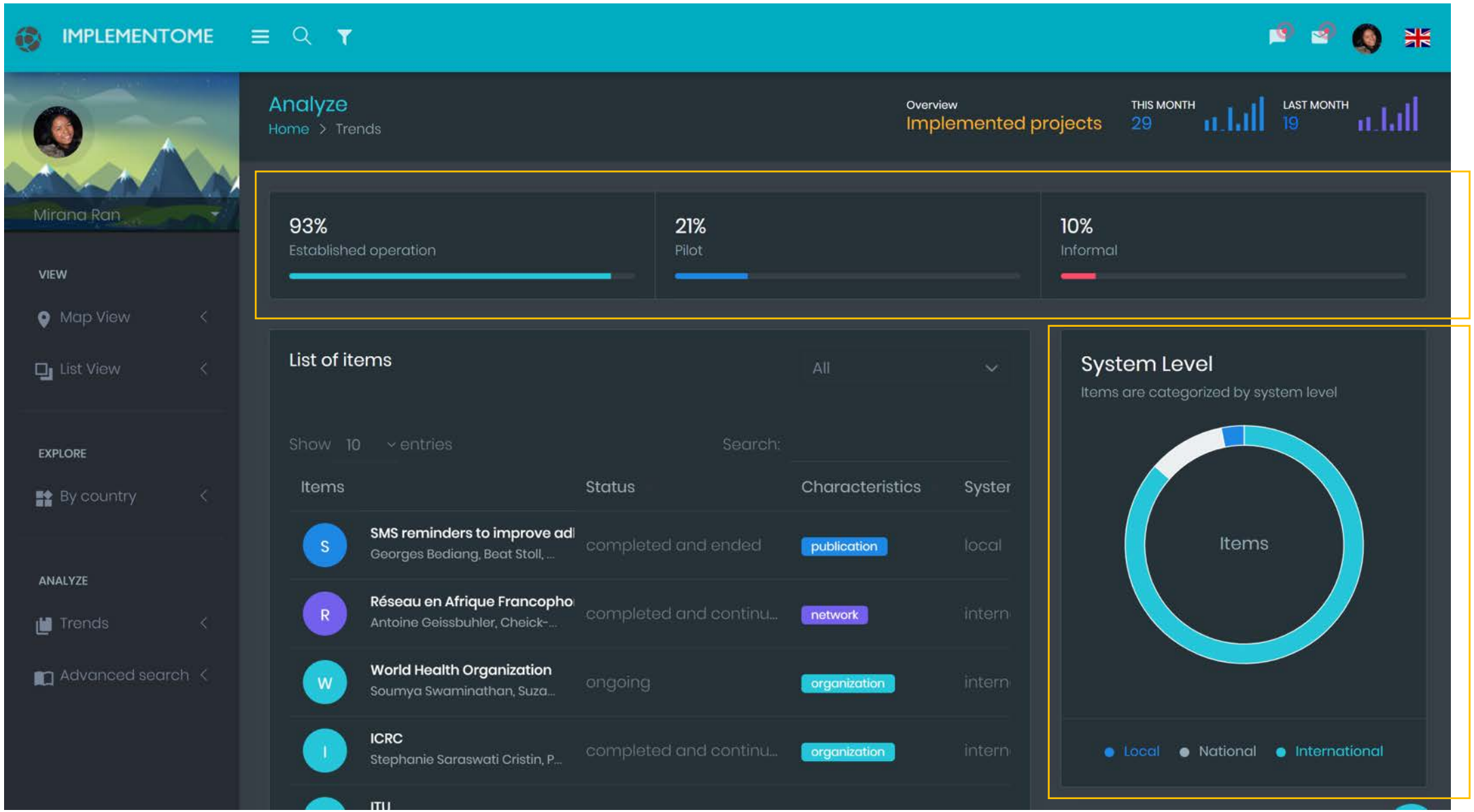
Filter: by type/status/system level - example here: by type person



Explore: by country - example here: United States



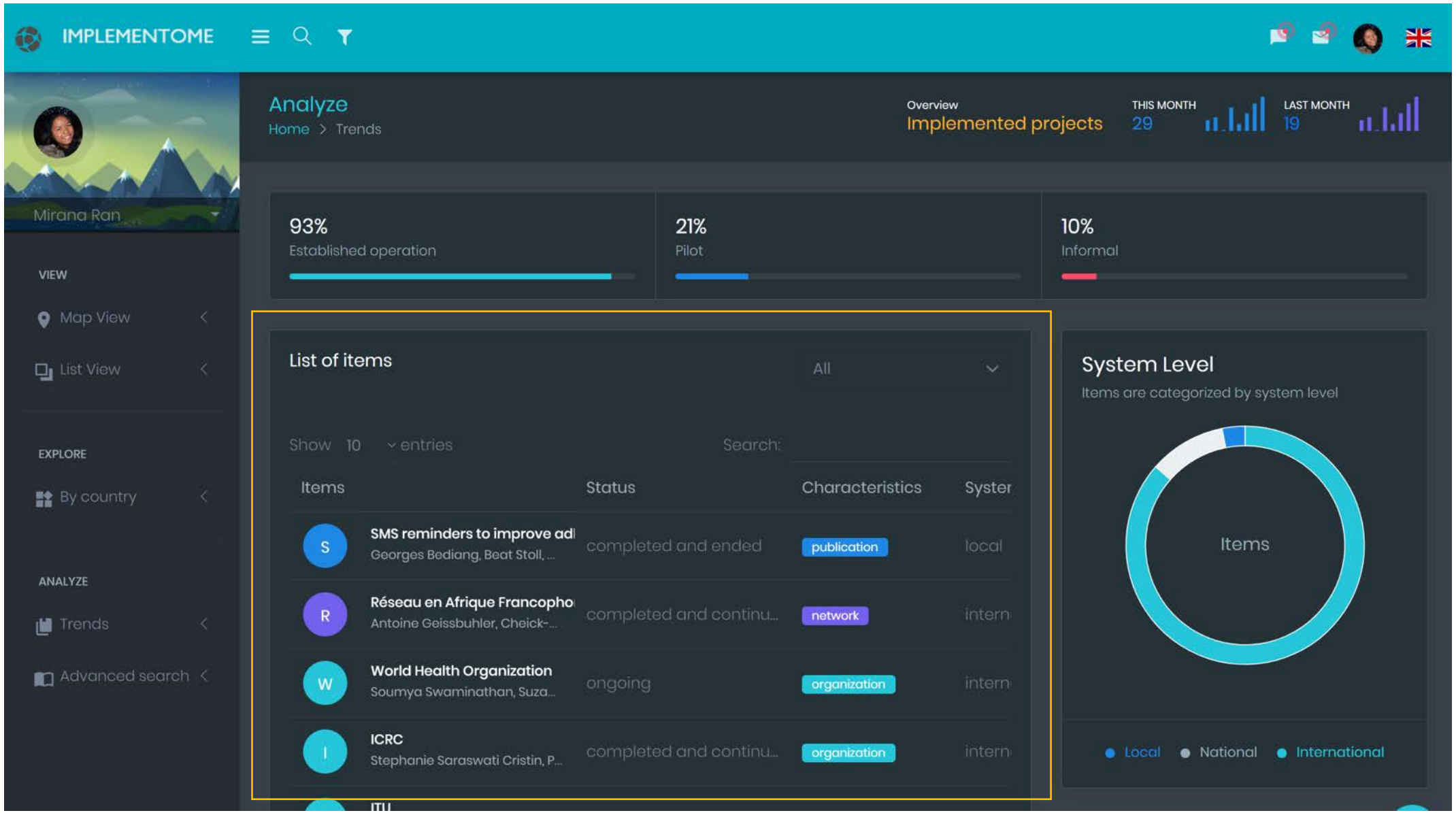
Trends



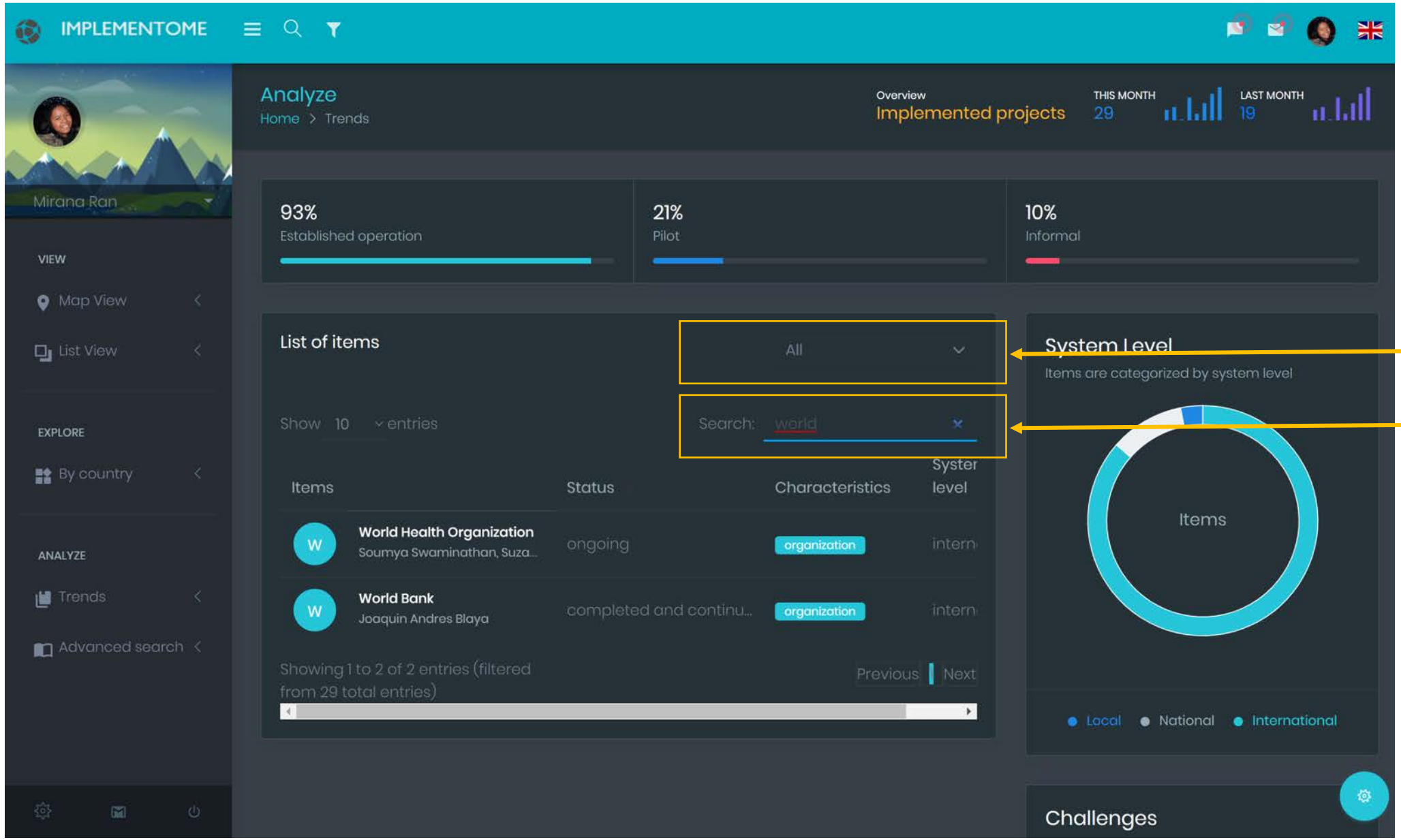
← Maturiy level

← System level

Trends : list of items



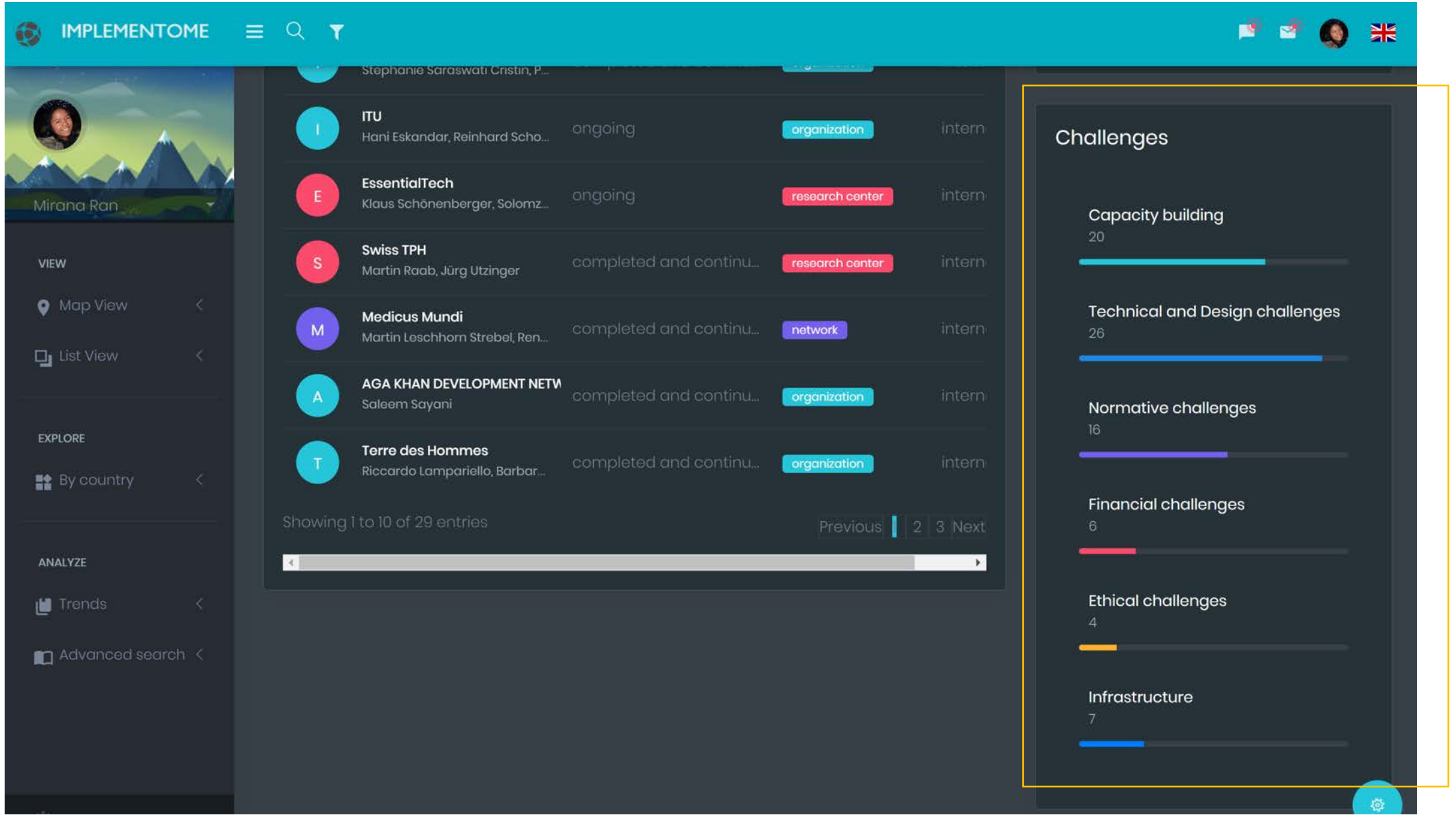
Trends : list of items



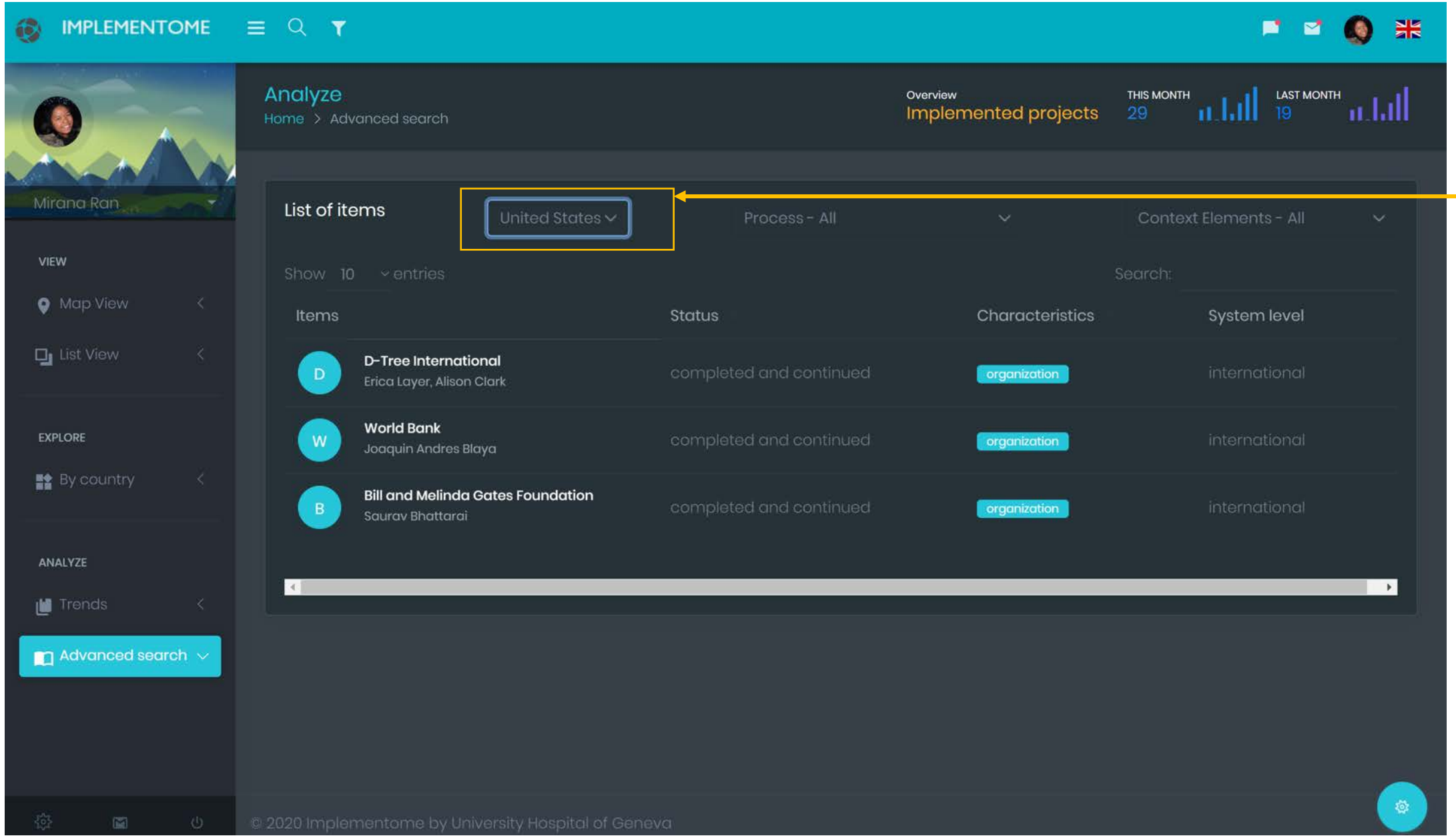
filter

search

Trends: challenges

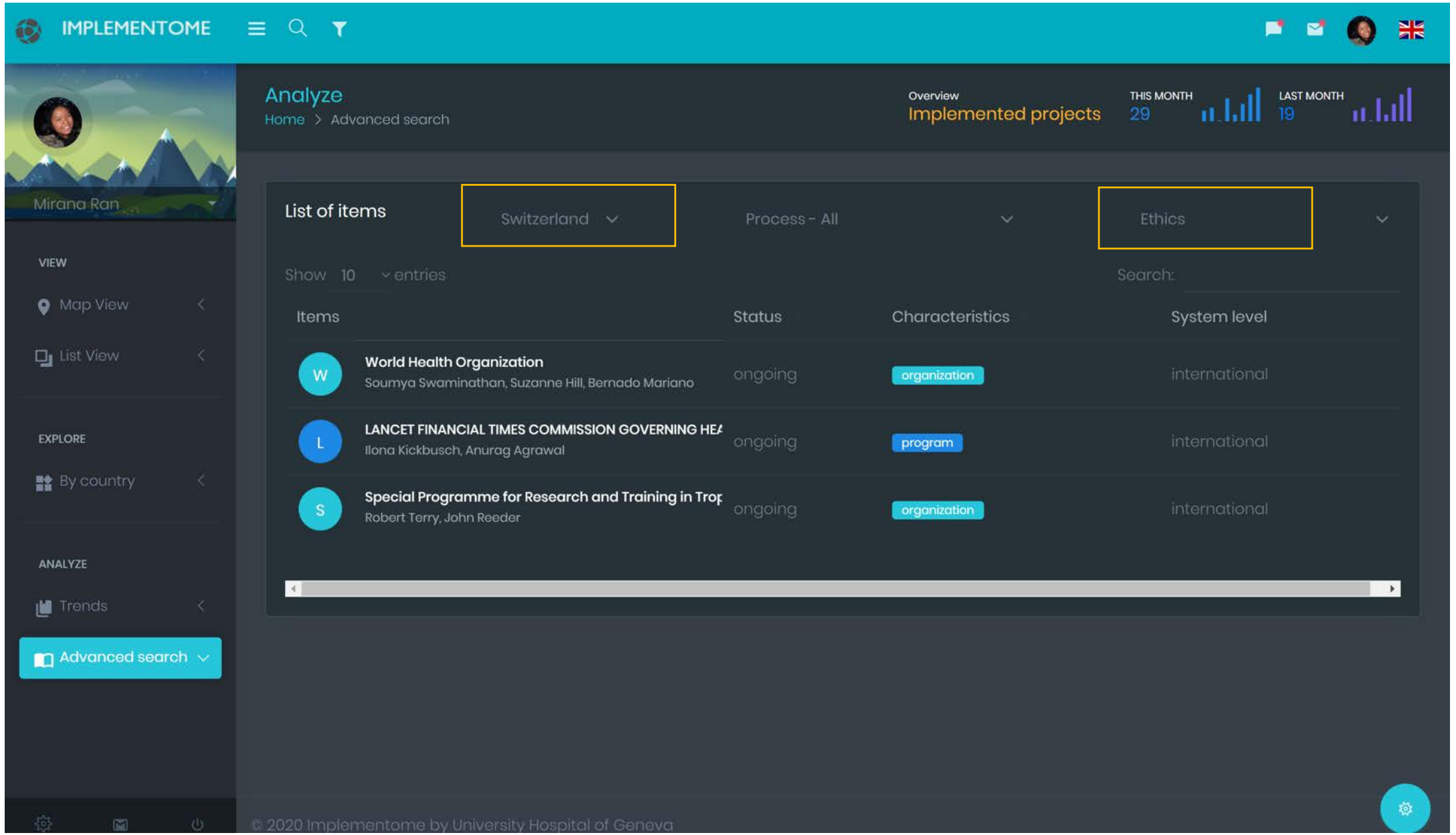


Advanced search: single search



By country

Advanced search: combined search



All the entities tackling ethics in Switzerland

Thank you

For your attention