



## E-shape

Laurent Tits & Sven Gilliams

VITO remote sensing



Learn more here:





We e-shape EuroGEO

7-9 Dec.2022 | Athens



EuroGEO  
Showcases:  
Applications  
Powered  
by Europe

“  
**Blazing new trails  
for EO markets**  
”

EuroGEO  
Workshop  
2022

- www.e-shape.eu
- Horizon2020-e-shape
- @eshape\_eu
- e-shape project



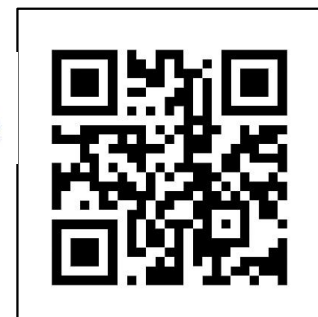
## The e-shape contribution

Laurent Tits & Sven Gilliams

VITO Remote Sensing

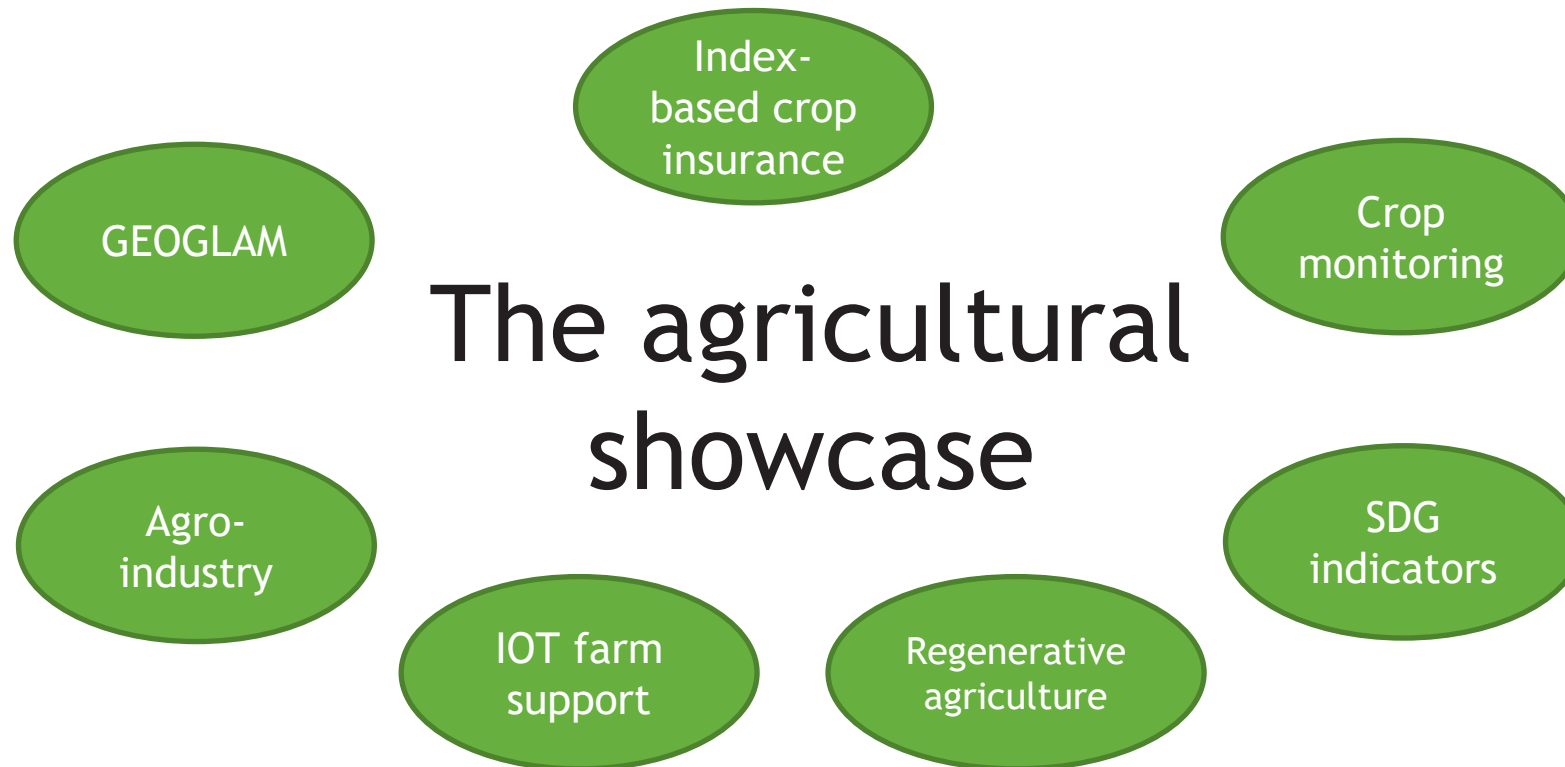


Learn more here:



The e-shape project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement 820852







## The agricultural showcase



Providing services  
on top of data

Data integration

To cloud  
or  
not to cloud

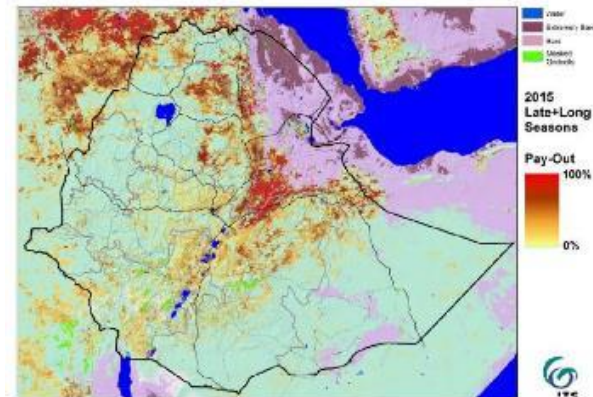
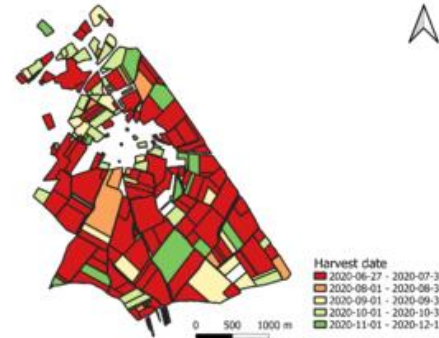


## Providing a service

Platforms

API's

Automatic push





## Data integration

It's not just about the satellite data!

→ Parcel-level monitoring is possible

In-situ

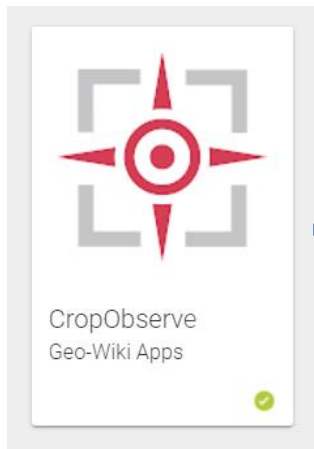
Integration with other data sources





## Data integration

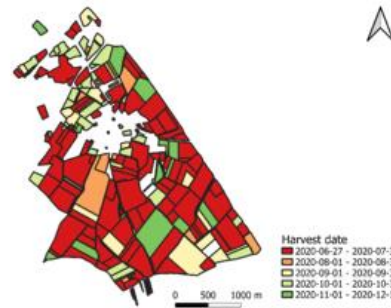
Available in-situ data major bottleneck!



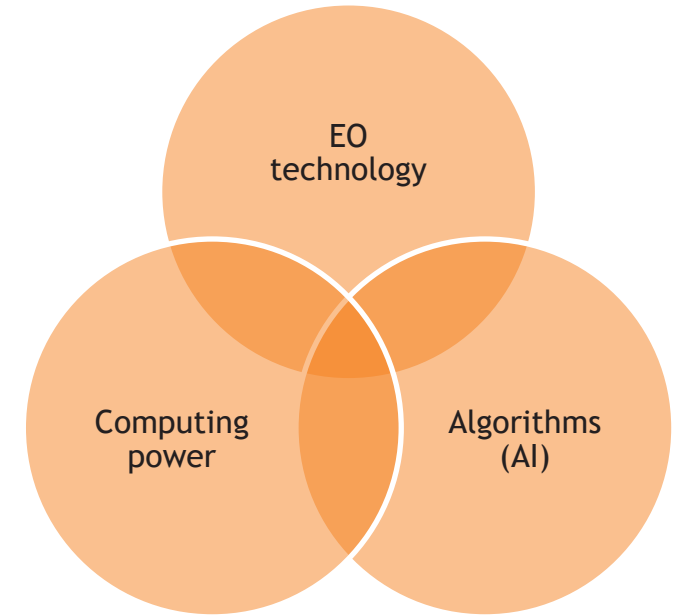
Collect data  
(crowd sourcing)

AGROSTAC

Make it FAIR



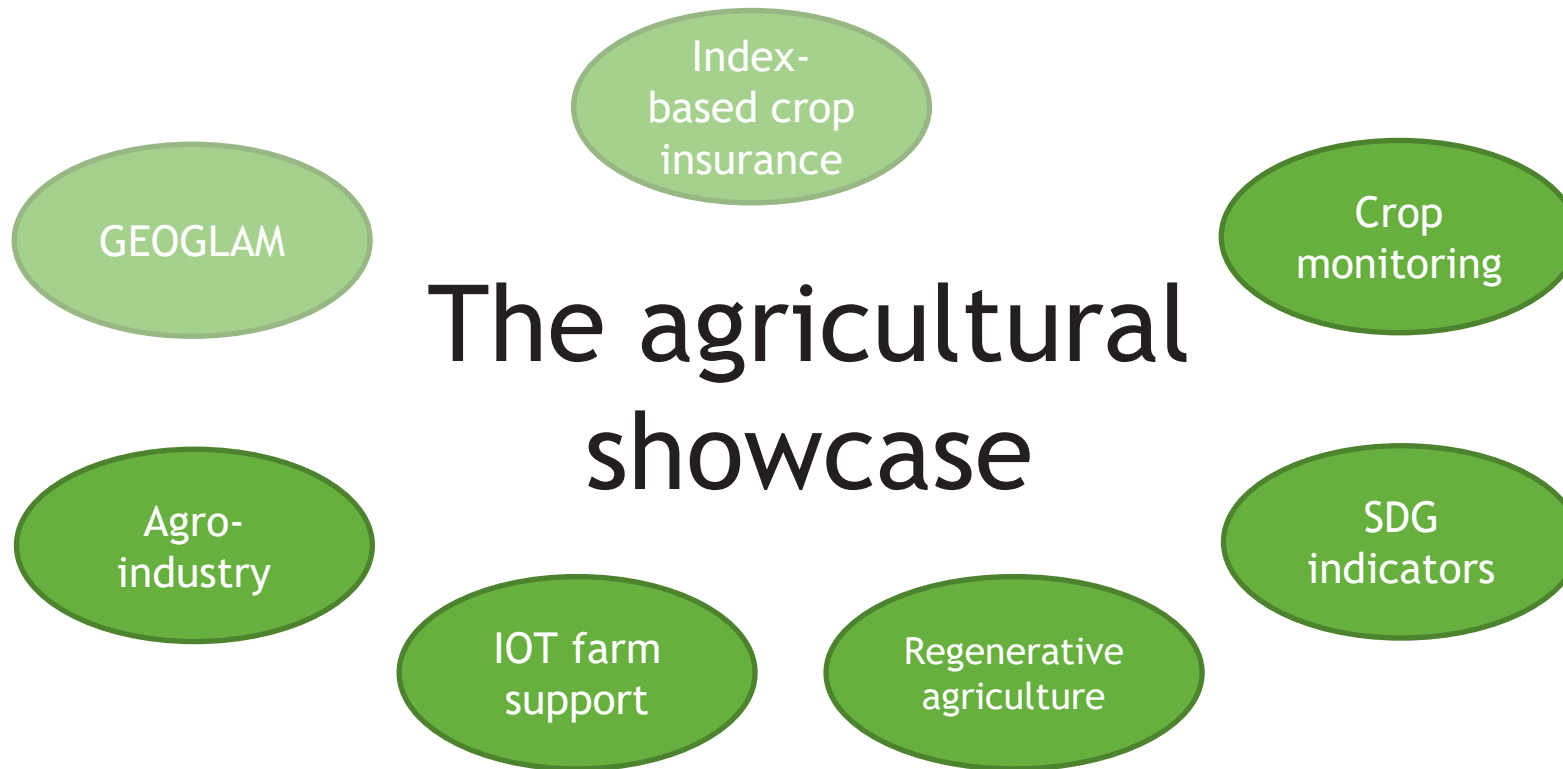
Build service on top  
of the data







## Green Deal





## Partnership “Agriculture of Data”

E-shape:

- Commercial: How to use EO in services (one-directional!)
- Community/research: how to open up data/results from research/projects

Partnership:

- how can the data be made accessible, how can services be built around it → strong focus on commercial players and governments



## Partnership “Agriculture of Data”

### **GEOGLAM**

- Make in situ-data FAIR
- Focus on research/institutes
- Data-sparse regions

### **Partnership**

- Make data accessible and interoperable
- Focus on farmers, public administrations
- Data-rich regions

Data standards  
Sharing incentives  
Data ownership  
Business models

...





Thanks!

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