



e-shape

EuroGEO Services. Applications Powered by Europe

A satellite night view of Europe, showing city lights and coastlines against a dark background.

The e-shape contribution

Laurent Tits

**Earth Observation services in support of
agriculture and Common Agricultural Policy, 9th
February 2022**

The project



EuroGEO Showcases Applications Powered by Europe

e-shape vision: To develop operational services with and for the users and to create a conducive environment whereby the strengths of Europe are exploited towards addressing societal challenges, fostering entrepreneurships and supporting sustainable development





The agricultural showcase



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EuroGRO Showcases: Applications Powered by Europe

GEOGLAM

Index-based crop insurance

Crop monitoring

The agricultural showcase

Agro-industry

SDG indicators

IOT farm support



The agricultural showcase



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EuroGEO Showcases: Applications Powered by Europe



The agricultural showcase





The agricultural showcase



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Copernicus data

Providing
services on top
of data

Data
integration

To cloud
or
not to cloud



Providing a service



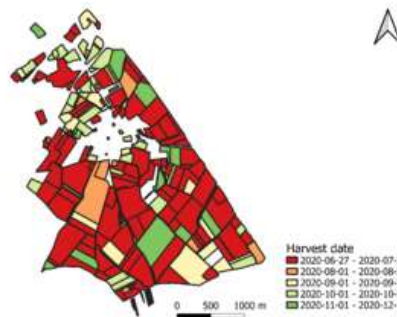
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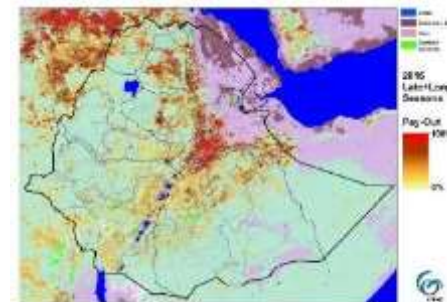
- Platforms



- API's



- Automatic push



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To cloud or not to cloud



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- Where to deploy my service?
- From research to operations → scaling issues

→ Benchmarking exercise

- Data availability
- Tools to simplify deployment
- Ease of integration
- Ease of running the service
- Processing speed
- Processing costs

		Terrascope	Sentinel-hub	NextGeoss	GEE	EODC	Mundi	Onda	Sobloo	CreoDIAS
Sentinel 2	Level 2a									
	Temporal extent archive									
	Geographical extent									
Sentinel 1	sigma nought product available									
	Temporal extent archive									
	Geographical extent									
	Relative orbit information									



Thank you for your attention

Laurent.tits@vito.be



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