



**Thierry RANCHIN**  
**MINES ParisTech – PSL University – ARMINES**

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



**e-shape**: strengthens benefits for Europe of GEOSS and vice-versa – supports the EuroGEO Regional GEO

# What is e-shape?

**e-shape** allows Europe to position itself as global force in Earth observation through leveraging **Copernicus**, making use of existing European capacities and improving user uptake of data from European assets in the GEO context.

**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

**e-shape**: strengthens benefits for Europe of GEOSS and vice-versa – supports the EuroGEO Regional GEO

# What is e-shape?

It **builds on existing EU GEO actions, GEO initiatives and flagships and Copernicus-related activities** by bringing together the key partners engaged therein.

**Amongst the most prominent programmes** that shall be linked to the proposal are Copernicus, INSPIRE, the ERA-Net on EO, the GEO relevant H2020 projects (ECO-POTENTIAL, EDGE, NextGEOSS, GEO-CRADLE, SWOS, ERA-PLANET, GROUND TRUTH 2.0, etc.), and many National EO initiatives, infrastructures and programmes.

# ● e-shape Objectives

---

O1: Develop operational EO services with and for users active in key societal sectors

O2: Demonstrate the benefits of the EO pilots through the coordinated downstream exploitation of EO data and the utilization of existing EO resources

O3: Promote the uptake of pilots at national and international scale, across vertical markets (private and public) and amongst key user communities

O4: Enable the long-term sustainability of the numerous pilots, their penetration in public and private markets and support their upscaling

O5: Increase uptake by raising awareness on the solutions developed through tailored and well-targeted communication, dissemination and outreach activities

● **e-shape**

Fast Facts for You

7 showcases

27 pilots

4

years grant

54

partners



agriculture



health



renewable  
energy



ecosystem



water



disaster



climate

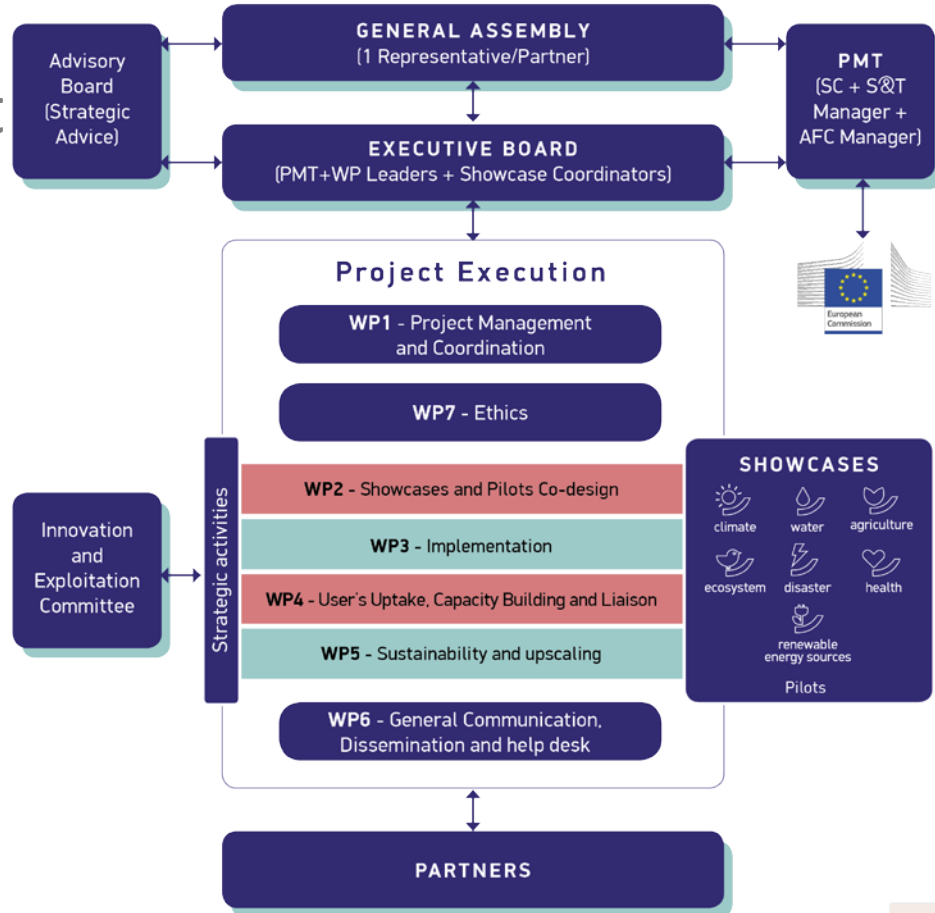


Australian Government



GEO WEEK 2019  
MINISTERIAL  
SUMMIT

# Structure of the project



# e-shape brings value to the pilots



Where you are now...



Where you want to be...



Where you can be...



## e-shape supports EuroGEO

- **co-designs and co-creates with end-users** of EO based services.
- leverages **existing distributed assets** (DIAS, GEOSS Platform, NextGEOSS platform, EOSC, ...) for developing the pilots AND respects the Data Management Principles of GEOSS and GEO Standards & Interoperability Forum (SIF) recommendations on **interoperability** and being in compliance with the INSPIRE Directive.
- promote services in European and global markets through eMall acting as a **“window to the market”** for providers
- delivers a boost to the European EO sector acting as a **sustainability booster** for **market penetration support**.
- On-boards **new pilots** and offers them the support of our strategic activities





# EuroGEO Showcases: Applications Powered by Europe

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