KNOWLEDGE OF THE TERRITORY HAS NEVER BEEN MORE NECESSARY

Ex. : monitoring hedgerows using LIDAR and AI

Large scale land cover & use product with AI and community sourcing from space & aerial imagery
ENABLING A DATA-BASED MANAGEMENT OF A CRUCIAL AND COMPLEX ECOSYSTEM: FORESTS

Observatory of French forests
INTERACTIVE MAPS:
HAVING COMMON LANGUAGE WITH ALL PLAYERS

Basemap with reference data

Thematic maps:
• No signs of management
• Strongly protected areas
• Afforestation: afforestation rate
• Damage caused by bark beetles:
• Difficulty of physical access
• ...
SUPPORT TO DEFINE THE RENEWABLE ENERGIES DEVELOPMENT AREAS

R.E. mapping portal
Towards a National Digital Twin to Plan the Green Transition

A digital twin for the whole France to assist the state, local authorities and industrial players

Use cases:
- Risk management (floods, marine submersions, etc.)
- Geo-optimisation of windmills and solar panels networks
- Biodiversity preservation
- Epidemiology
- Water and soil management
- Sustainable agriculture
- Mobility ...

Needs for:
- Up-to-date geoinformation
- Simulation capacities
- Dashboards
- Convincing and reliable representations
- Sovereignty ...

A science and market place
 Cooperation must become an instrument of empowerment to meet challenges.

Open data is just the first step: Gathering NMCAs to create European commons.

Support the European public policies:

1. Working with European agencies
2. Mutualising tools and projects APIs, sand box, project accelerator
3. Through common spaces (Geoplatform, GeoCommons Factory)
4. According to the principles of shared governance

Open up the data
THANK YOU