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FORLAND

Digital approach to support decision for forest and land use planning project

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ONF International at a glance

Key figures

- Subsidiary of ONF
- 15 years of experience
- 9 M € of turnover in 2015
- +10% de annual growth
- Support to sustainable management of 7 M ha of forests
- 22 research projects



- Permanent presence in 10 countries
- Projects in over 50 countries
- 4 subsidiaries in Africa and in Latin America

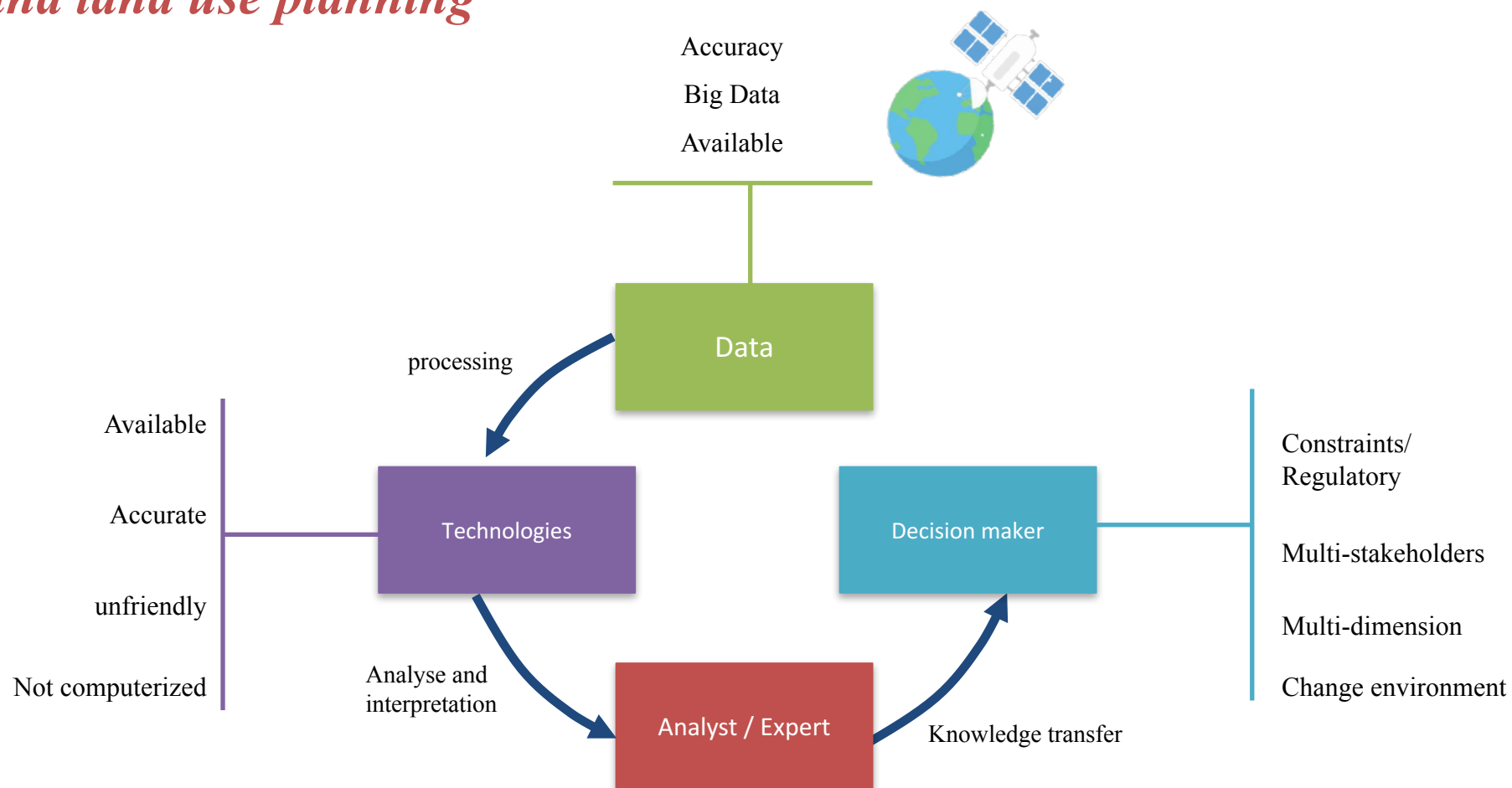
« Support human and landscapes development through forests valorization. »

FORLAND: Partner ecosystem

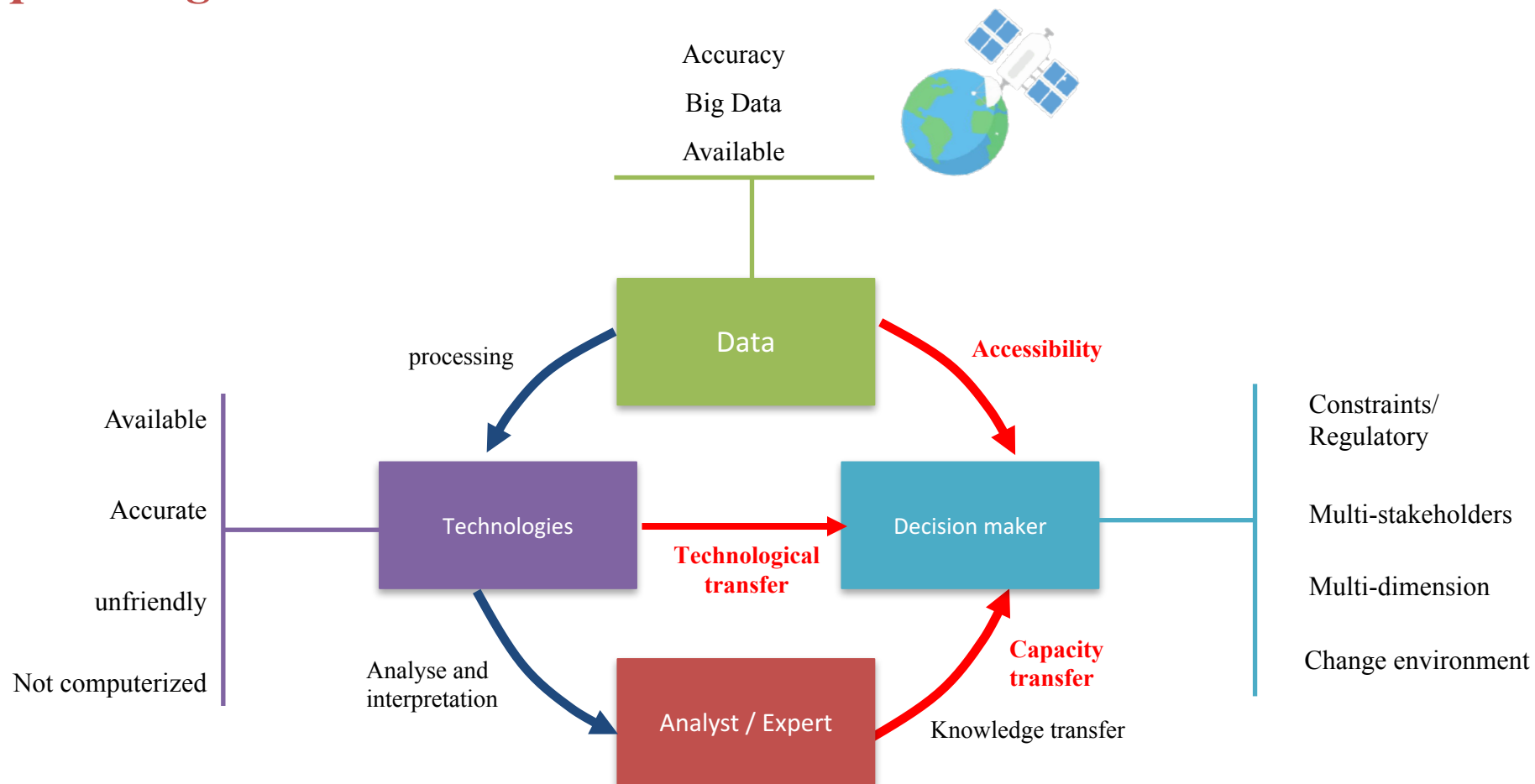


Climate-KIC

State of the Decision support in Forest and land use planning



Rational for Geo-DSS in Forest and land use planning



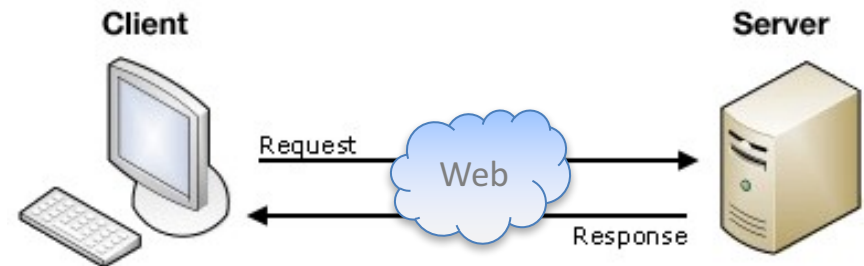
FORLAND: The approach

ForLand aims to digitalizing all process of the Forest and Land Use project (feasibility, planning, implementation, monitoring, reporting) :

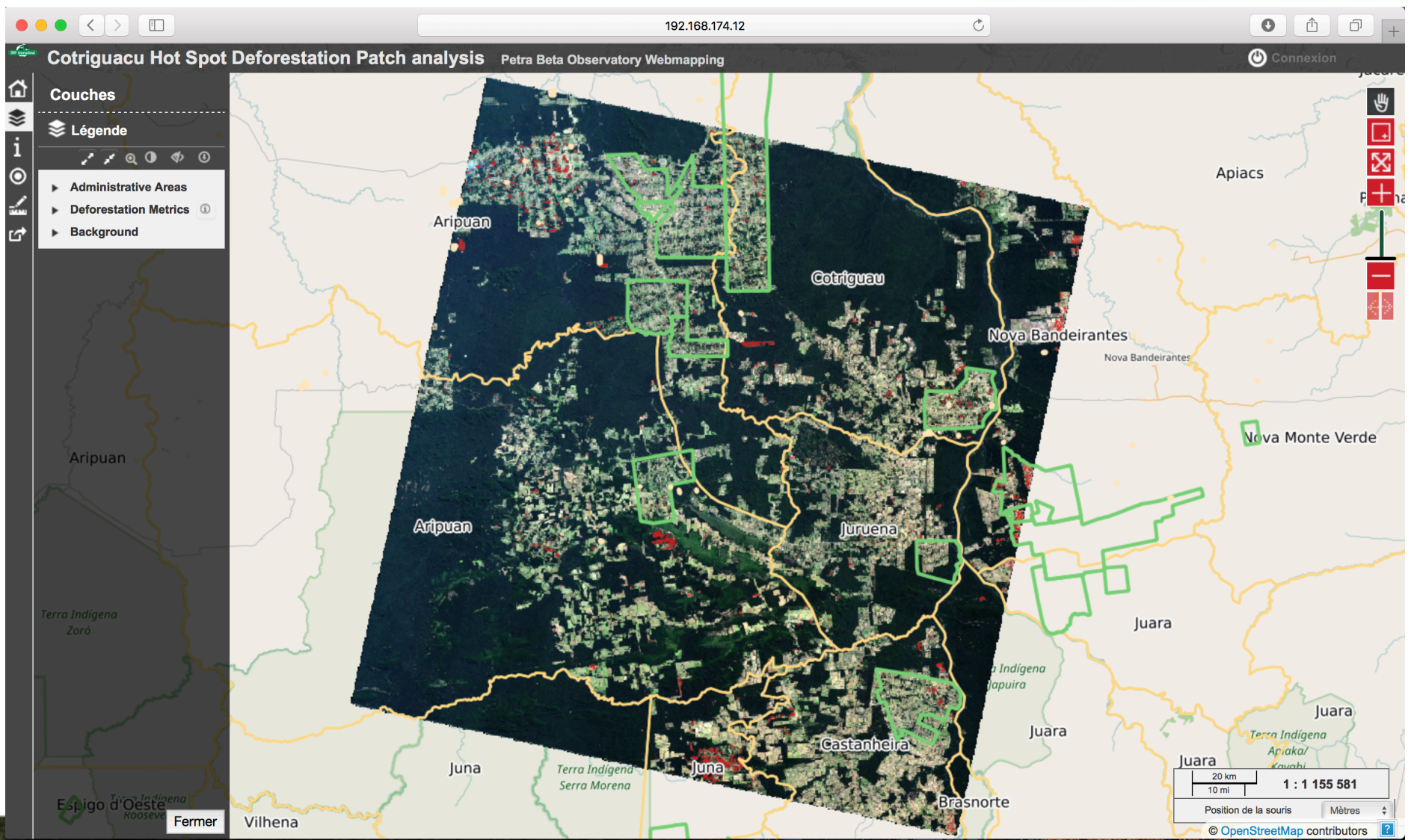
Digitalising territory / Web Mapping Service (WMS) / Remote Sensing data

Experiencing the future / Web Processing Service (WPS) / Encapsulate modelling & simulation technologies

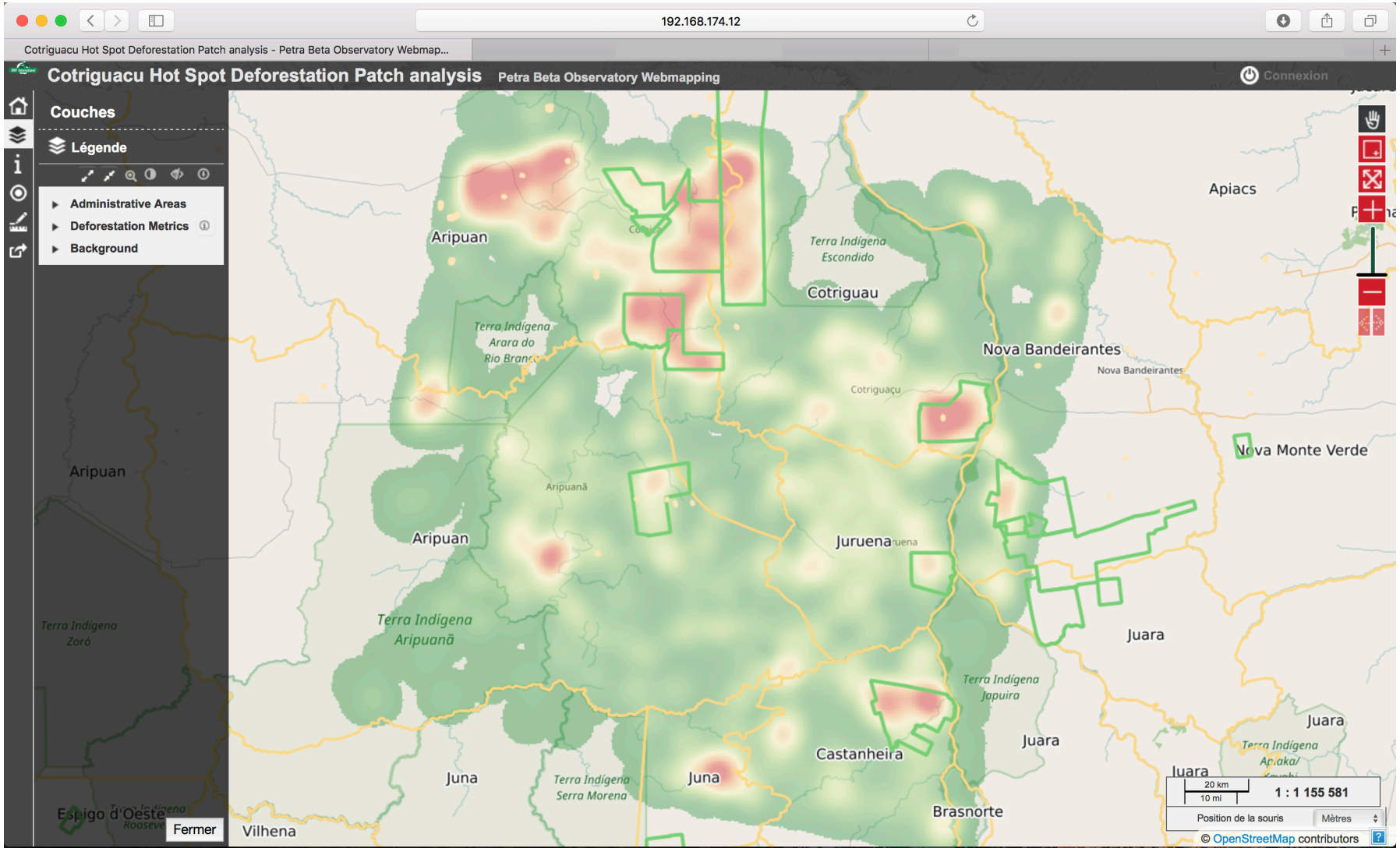
e-Monitor and e-Report the progress / Web Reporting Service (WRS) /



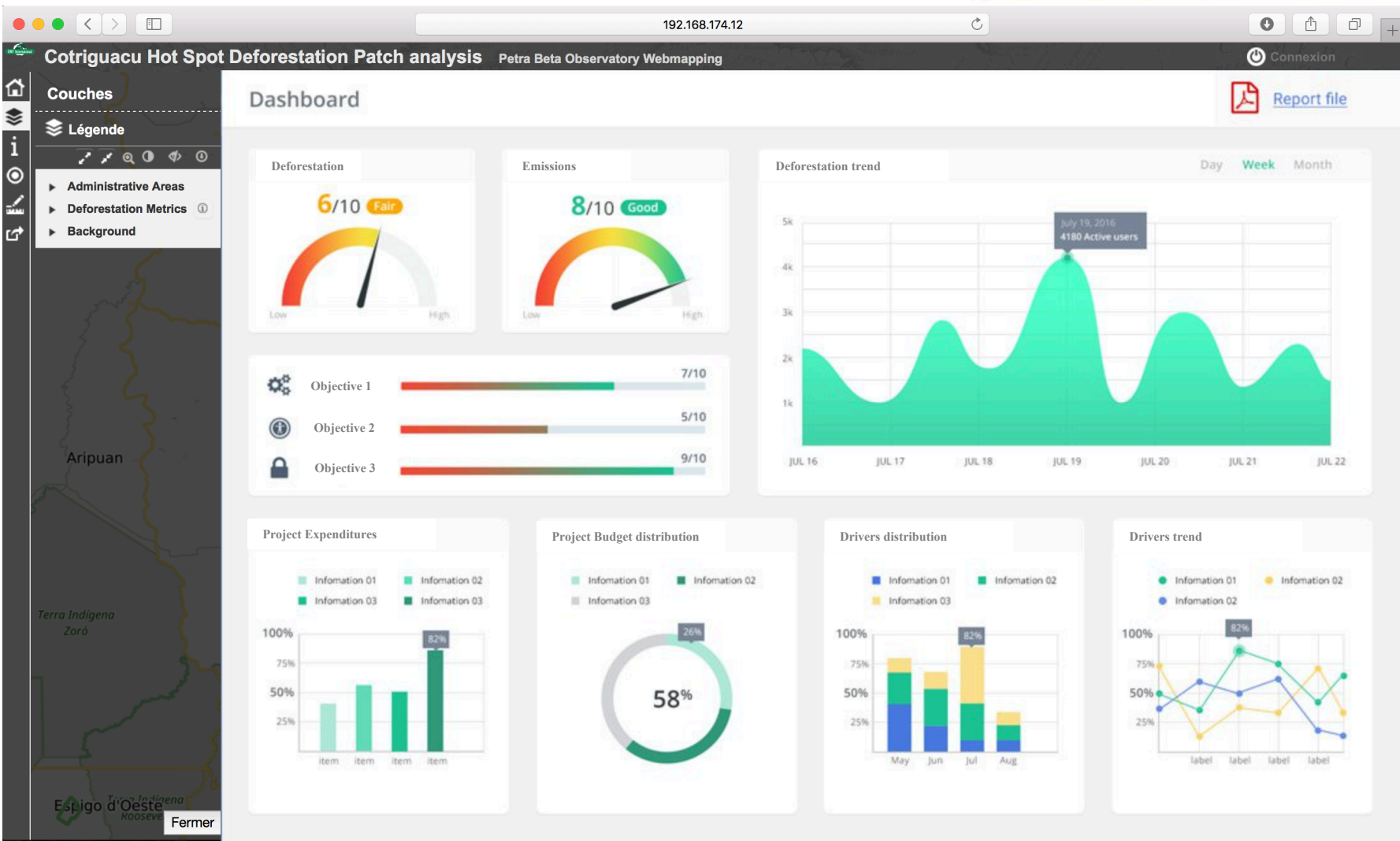
Diagnosis territory and digitalize ambitions (WMS)



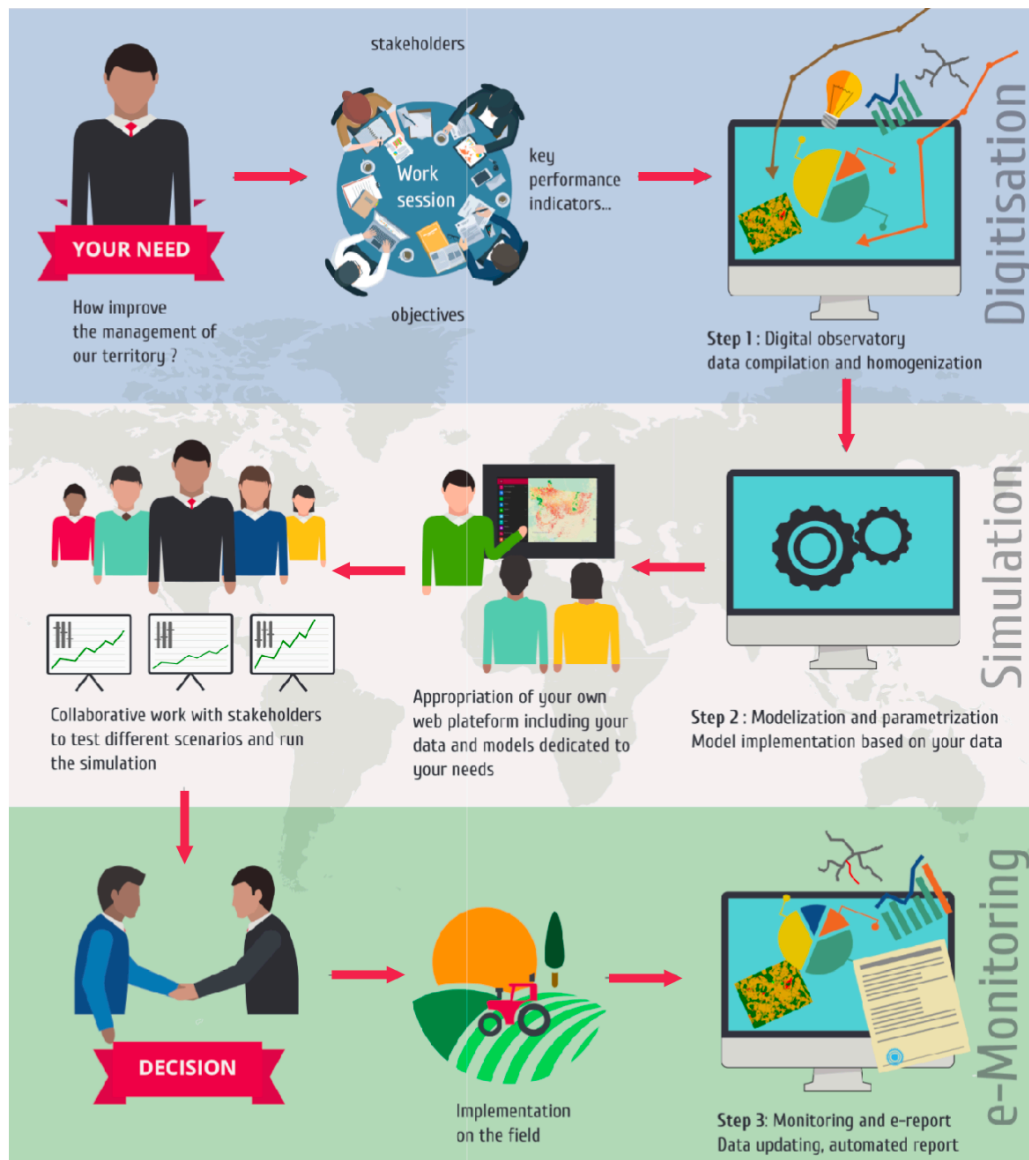
Simulate BAU and choices of possible (WPS)



e-Monitor Progress (WRS- Web Reporting Service)



A FORLAND project : workflow



Promote “open source” development & data:
Python-R -Qgis
Sentinel / Landsat / ...

Require involvement of tiers parties as experts & scientists

Full autonomy of use by end-users:

- Simulation in working session;
- Promote participatory appraisal;
- Promote reactivity of decision.

A digital approach for forest and land use planning



**Workshop FORLAND
12-13 April Bordeaux**

An innovative service developed by:

