



TELLUS INITIATIVE

DIGITAL TRANSFORMATION IN GEOSCIENCES & SUBSURFACE ACTIVITIES



WHAT IS TELLUS?

Objective:

Increase operational efficiency of subsurface workflows
through digital technologies

Assist, Accelerate, Automate
routine geoscience tasks
from data collection to decision-making

WHAT IS TELLUS?

Role of IFPEN:

Support subsurface industries
in their digital transformation journey

Commercial neutrality

Public body

Position across industrial sectors

Innovation culture

Evolutive prototypes

Open-source components

Cross-disciplinary approach

Practical use cases

Integrated teams

WHAT IS TELLUS?

Role of IFPEN:

Support subsurface industries
in their digital transformation journey

Commercial neutrality

50% allocated budget

70+ on-going collaborations

Innovation culture

Top 15 patent-filer in France

1200 research staff

Cross-disciplinary approach

100+ geoscientists

French Tech ecosystem

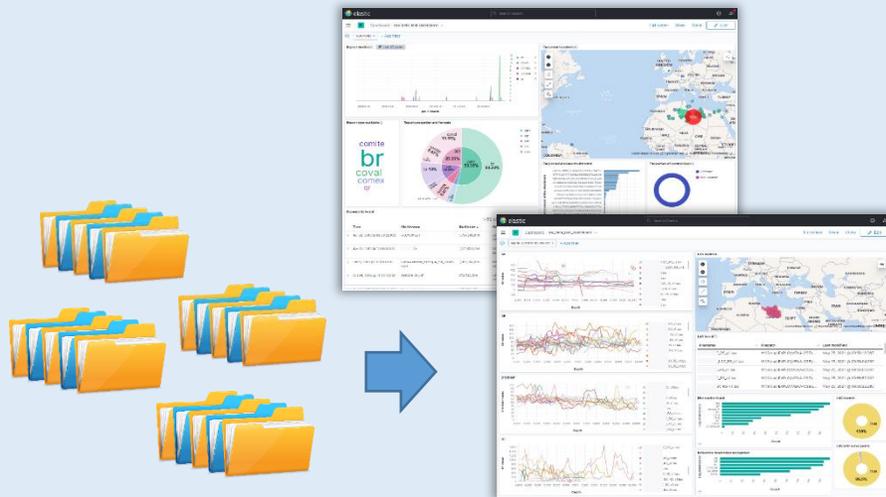
WHAT IS TELLUS?

A portfolio of 20 demo projects

Corresponding to 7 patents

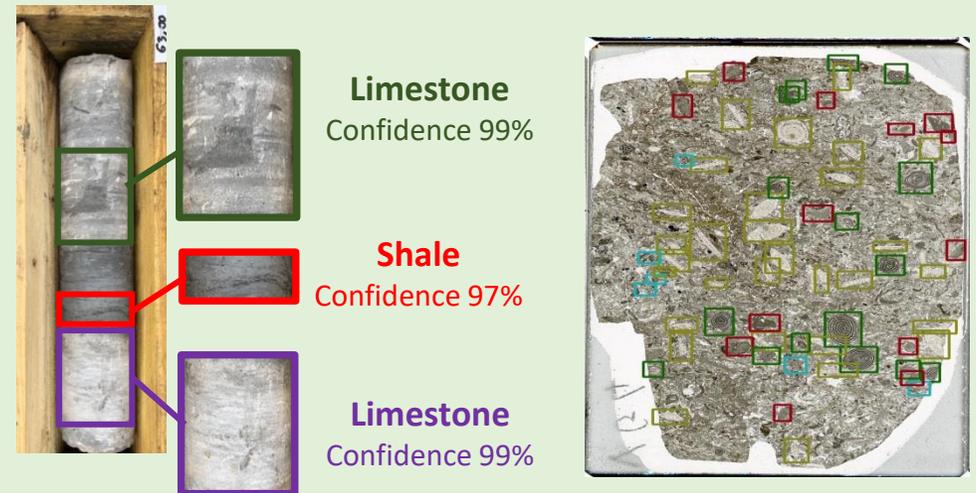
Examples

Assisted screening of data and documents with the ElasticSearch framework



Technology developed with an Oil&Gas supermajor

Accelerated data interpretation with Deep Learning models



Technology developed with a subsurface storage company

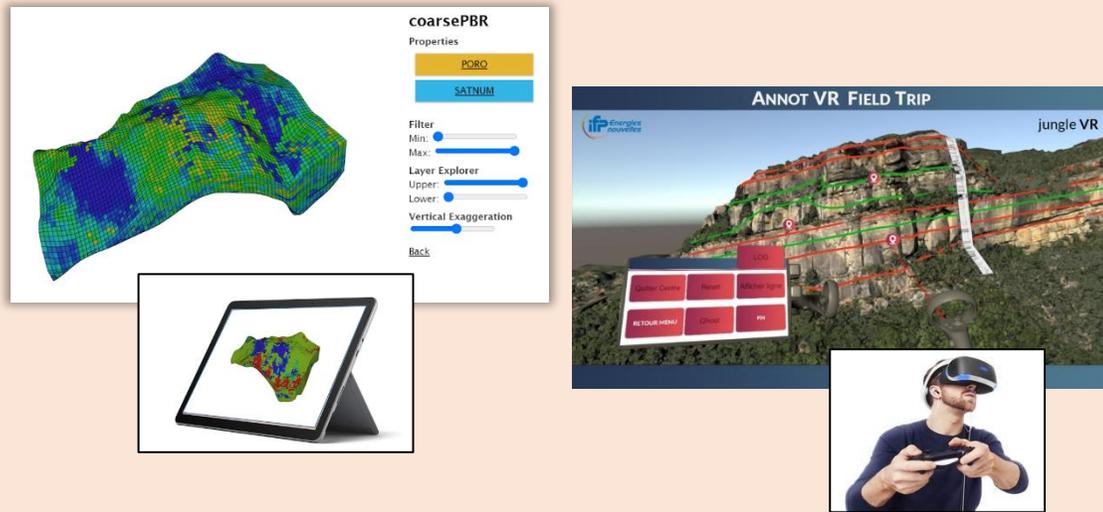
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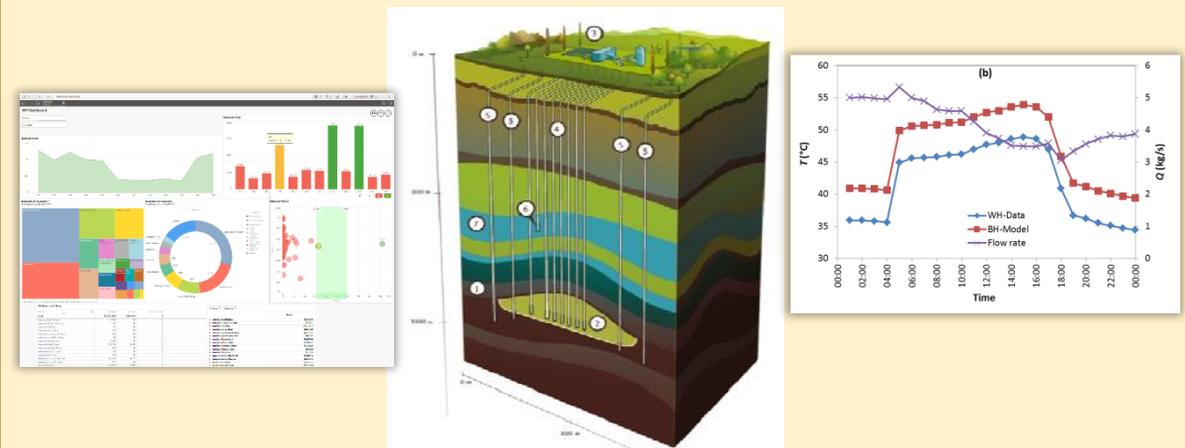
Examples

Subsurface digital twins with emerging DataViz technologies



Collaboation with several start-ups

Data-driven monitoring of subsurface operations



Technology developed with a subsurface storage company

WHAT IS TELLUS?

2 possible business models



Subscription: 25 K euros / year

TELLUS Share community
Multi-partners & multi-topics consortium



Price: to be discussed project by project

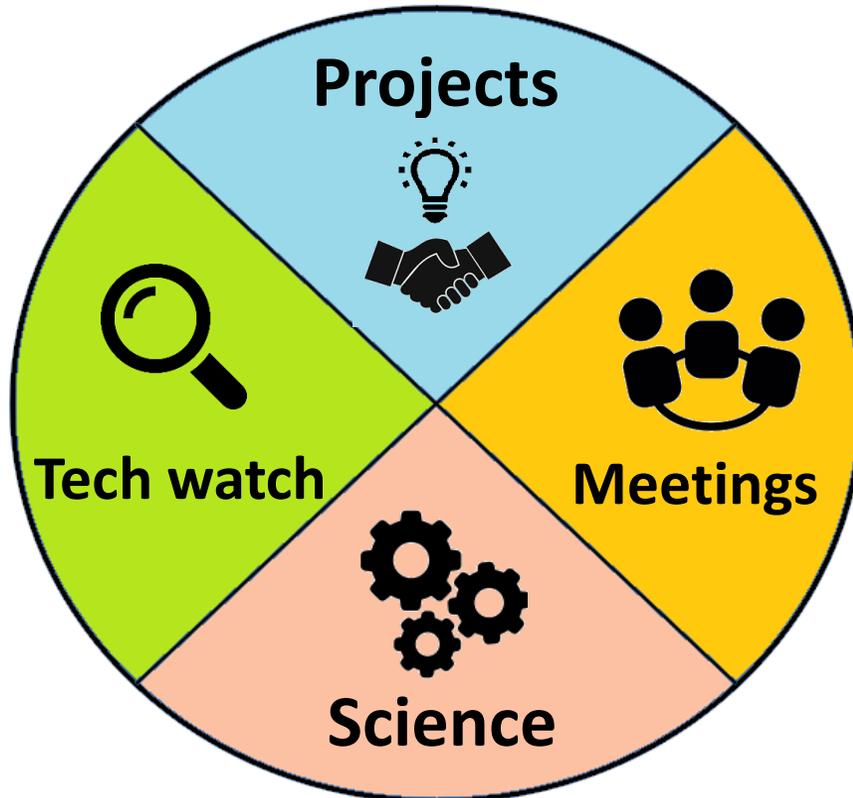
TELLUS Lab services
Exclusive & single-topic tailored projects

TELLUS SHARE CONSORTIUM



25 K euros / year

Consulting budget
Quick wins, derisking,
advising by our experts...



TELLUS blog

Weekly posts
monitoring the
academic landscape
and the tech market

300+ posts

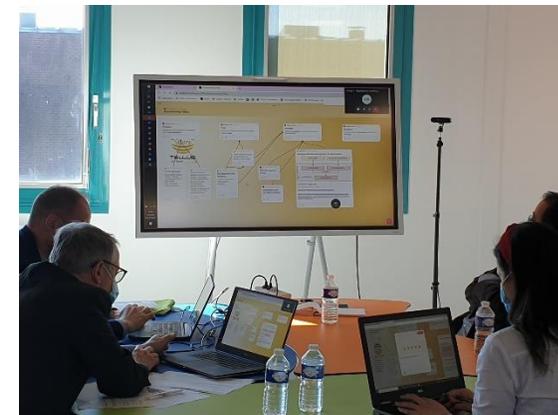
Multi-partners events

Share experiences
Discuss needs
Build the roadmap



Portfolio of demo projects

60+ deliverable items available, including ready-to-use codes



TELLUS LAB SERVICES



Price variable by project

- Application of innovative methodologies on your data
- Assessment of emergent technologies for your use cases
- Fine customization of existing prototypes to your needs
- Developement of packaged software for operational use...

Tailored project – Transparent pricing

- 1) Definition of a scope of work
- 2) Estimation of needed resources (man-days of several profiles)
- 3) Proposition of a price based on needed resources
- 4) Iteration towards common ground

FOR FURTHER INFORMATION



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