



cap-digital  
Paris Region

# TERALAB DATA FOR SCIENCE

ANNE-SOPHIE TAILLANDIER  
12 DÉCEMBRE 2018

TERALAB

IMT | Groupe GENES

**OPEN INNOVATION**

Reinforce & enlarge your data community with startups and partners through challenges in a neutral environment

**EDUCATION & STUDENTS**

Interact with students and create opportunities by working on real data & use cases

**COLLABORATIVE RESEARCH**

Connect your R&D teams with research labs to emphasize your data innovation

**SANDBOX**



TOOLS



DATA



INFRASTRUCTURE



SECURITY

Up to 15TB Ram – 520 cores  
400 TB Storage

**TERALAB**

**A TRUSTED R&I  
BIG DATA & AI  
PLATFORM**

**SERVICES**



LEGAL



ANALYTICS



ARCHITECTURE



RESEARCH

TeraLab staff +  
Startups & academics

**TRUSTED & SOVEREIGN**

- Adaptive security level
- Stated control facilities
- No private shareholders
- No conflict of interests

**A NON-PROFIT  
PRICING**

- Pre-established priced
- NO hidden cost
- ~80% market price

**EASY TRANSITION**

Your  
setup in  
TeraLab



Your setup  
in your  
datacenter

**SUCCESS STORIES**

More than 50 projects hosted !



➔ Data innovation community engagement

*Large network of Data Owners ,Data Users and Data Innovators*

➔ Support to use case formalization

➔ Support to architecture specifications

➔ Support to legal and regulatory provisions for your project

➔ Trusted sovereign neutral platform to host your data and technical development

From proof of concept to proof of ROI” contribution to valorization and industrialization of project results



H2020 - BOOST 4.0  
Big Data Value Spaces  
for Competitiveness of  
European Connected  
Smart Factories 4.0

Data Acquisition  
Data Management  
ML  
Vizualization  
IP dat management  
Data Governance  
Smart contracts  
Blockchain

Big Data  
PPP

**TERALAB**  
IMT | Groupe GENES

Factory of  
the Future  
PPP

Cybersecurity  
PPP

Encryption  
Anonymization  
Tracking  
Secure networks



H2020 - MIDIH  
Manufacturing  
Industry Digital  
Innovation Hubs



german-french academy  
for the industry of the future  
founded by IMT and TUM

Material  
Process  
IOT/CPS  
Ad Hoc Networks  
CEP  
ERP  
SCADA



H2020 AI4EU Artificial  
Intelligence for Europe



TeraLab, the  
only one French  
I-Space at the  
highest level

ANNE-SOPHIE TAILLANDIER  
[taillandier@imt.fr](mailto:taillandier@imt.fr)

AMINE ESSAFOUI  
[amine.essaoui@imt.fr](mailto:amine.essaoui@imt.fr)

➔ <https://www.teralab-datascience.fr/>