



PCN - Horizon2020

HORIZON *2020*

LE PROGRAMME DE RECHERCHE ET
D'INNOVATION DE L'UNION EUROPÉENNE

TeraLab, EU trusted R&I Big Data platform

BOOST YOUR COMPANY'S BIG DATA INITIATIVES



OPEN INNOVATION

Reinforce & enlarge your data community with startups & 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 emphasis your data innovation

SANDBOX



TOOLS



DATA



INFRASTRUCTURE



SECURITY

Up to 15TB Ram - 520 Cores
400TB Storage

TERALAB

A TRUSTED
R&I BIG DATA
PLATFORM

SERVICES



LEGAL



ANALYTICS



ARCHITECTURE



RESEARCH

TeraLab staff +
startups & academics

TRUSTED & SOVEREIGN

- Adaptive security level
- State controlled facilities
- No private shareholders
- No conflict of interest

A NON-PROFIT PRICING

- Pre-established pricing
- NO hidden cost
- $\pm$ 80% of market price

EASY TRANSITION

YOUR SETUP IN
TERALAB



YOUR SETUP IN YOUR
DATA CENTER

SUCCESS STORIES

- More than 40 projects hosted



TeraLab : an instantiation of European “iSpaces” initiatives from BDVA



What are iSpaces:

iSpaces have established themselves as trusted, secure, neutral and sovereign pre-competitive BigData-Experimenting-Hubs, with as main mission to help drive Big Data entrepreneurship and Big Data technology adoption in their local industry ecosystem

By connecting **large-industry** (often owners of BigData or reaching out for creative BigData services), **SME's + Startups** (aiming to develop new solutions and to validate novel business concepts) and **Academia** (providing access to State-of-the Art tools & skills), a new pre-competitive Big Data innovation instrument was created for these local industrial ecosystems

TeraLab as been granted a silver label from the Big Data Value Association



Labelled iSpaces, beyond exchange of good practice, **form a Europe-wide federation**, in order to foster trans-boundary data innovation

COUNTRY	ENTITY NAME	THEMATICS										
		Industry 4.0	Smart Logistics & Transport	Smart Retail	Smart Cities	Smart Health	Smart Agriculture	Energy	Creative Industries	Insurance	Earth Observation	E Government
DE	IDS-Fraunhofer	X										
ES	Eurecat		X									
FR	TeraLab	X	X			X			X	X	X	X
DE	SDIL	X			X	X		X				
AT	KNOW	X				X						
SE	SICS	X				X		X				

Cas d'usage à ce jour



Recherche Collaborative

IMT :

- CAP (~10 use cases – ITEA)
- Square Predict (Assurance- PIA)
- Speed Data (e-Commerce – PIA)
- Geolytics (Mobilité – PIA)
- Norm-Atis (Mobilité – ANR)
- LASIE (P7 research)
- O Wendelinia (Energie)
- iiBD (publishing)
- AlgoFab (IA)
- ADMIRR (Data Gouvernance)
- PULSE (Santé)
- BnF (Logs)
- IFREMER (Images satellites)
- ACEP Trylive (Logs)
- DILA: Dashboard Enterprise
- DJEPVA : Data Asso

GENES:

- Real Time process for France price index
- Real time energy data

Open Innovation

IMT:

- 1 Confidentiel (assurance privée)
- Santéclair (Fraude optique)
- La Poste Colis (Fraude)
- Big Data Challenges avec Cap Digital
 - AXA, VINCI, ERDF, NATIXIS
- D4D : challenge Orange in Africa (smart City – Green)
- Pole Emploi
- Epidemium (Santé)
- RATP (logistique)

Enseignement

IMT:

- Projets étudiants ENSAE
- Projets des étudiants du master Big Data de Telecom ParisTech
- Master computer Science Telecom Bretagne
- Ecole centrale Lille
- Institut des actuaires
- Formation continue pour Allianz (Telecom Evolution)
- Ecole des Mines Saint Etienne

Ils nous ont fait confiance



TeraLab Added Value



- 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

Contacts



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