Gencovery

Full digital ecosystem for complex R&D projects in life sciences

Restricted

Augmenting the digital capabilities of scientists to accelerate complex R&D projects

Over 90%

of scientists cannot efficiently harness data in biotech projects

Current solutions are scattered & painful

↓

Most data is still untapped

↓

Loss of time and value

Gencovery

Cut down R&D timelines and costs by enabling universal access to data at every stage of the R&D value chain

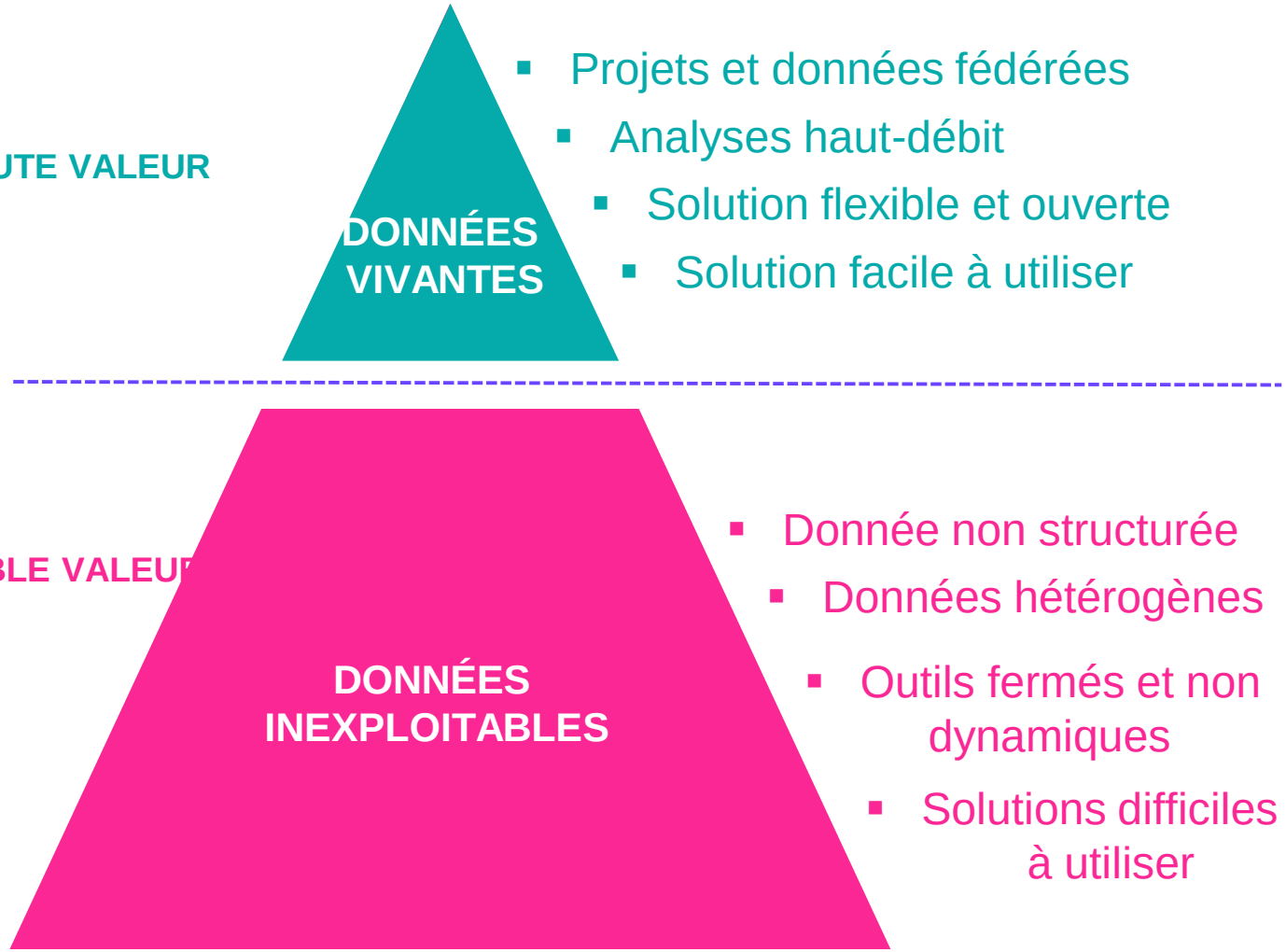
↓

Acceleration of digital transformation by a factor of 6

↓

Acceleration of R&D

AMÉLIORER LES CAPACITÉS NUMÉRIQUES DES SCIENTIFIQUES



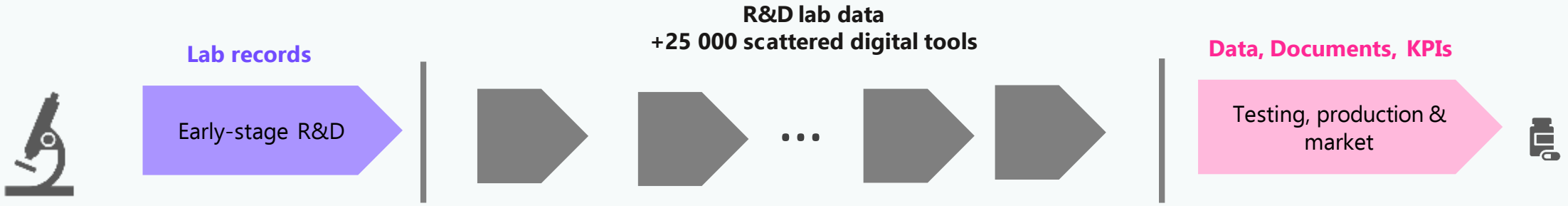
NOTRE VISION

Réduire drastiquement les temps de R&D en permettant un accès universel aux données à chaque étape de la chaîne de valeur des projets complexes

On anticipe une réduction des coûts et délais de R&D d'un facteur 2 (i.e. $150 bn / an)

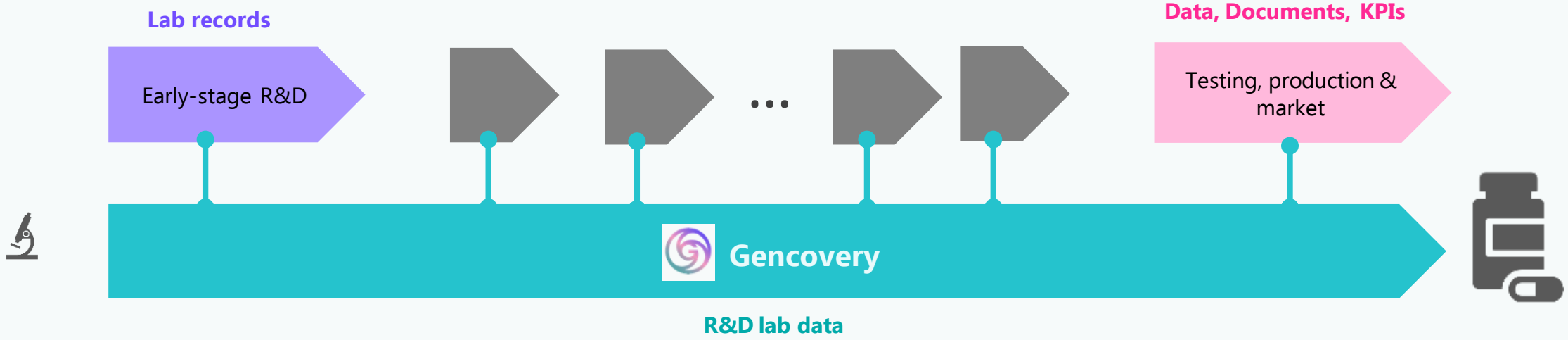
*Source: https://www.mckinsey.com/industries/life-sciences/our-insights/quarterly-value-releases-transforming-pharma-through-digital-and-analytics-fast

Connecting all stages of the value chain into a single easy-to-access digital ecosystem



OLD PARADIGM

NEW PARADIGM



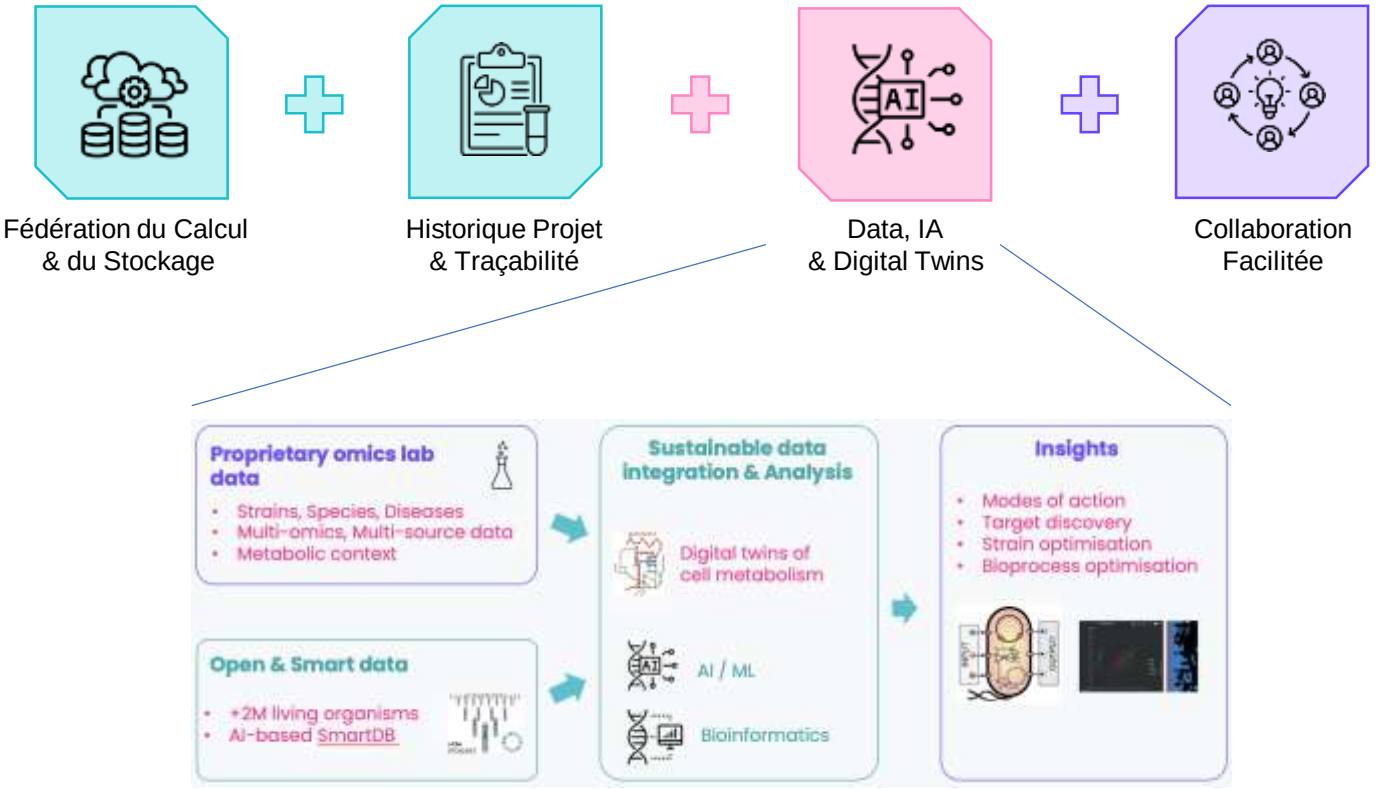
UNE PLATEFORME PROPRIÉTAIRE POUR EXPLOITER LA DONNÉE

Constellab

TABLEAU DE BORD COLLABORTIF

LABORATOIRES NUMÉRIQUES

GENCOVERY A DÉVELOPPÉ UN ÉCOSYSTÈME DIGITAL COMPLET POUR BOOSTER LES PROJETS DE R&D COMPLEXES : CONSTELLAB™



GENCOVERY ACCÉLÈRE LA R&D NUMÉRIQUE D'UN FACTEUR 6 !

Confidentiel

Federate your equipment data for high-throughput analytics

COLLABORATIVE SPACE

DATAHUB

cloud

on-premises

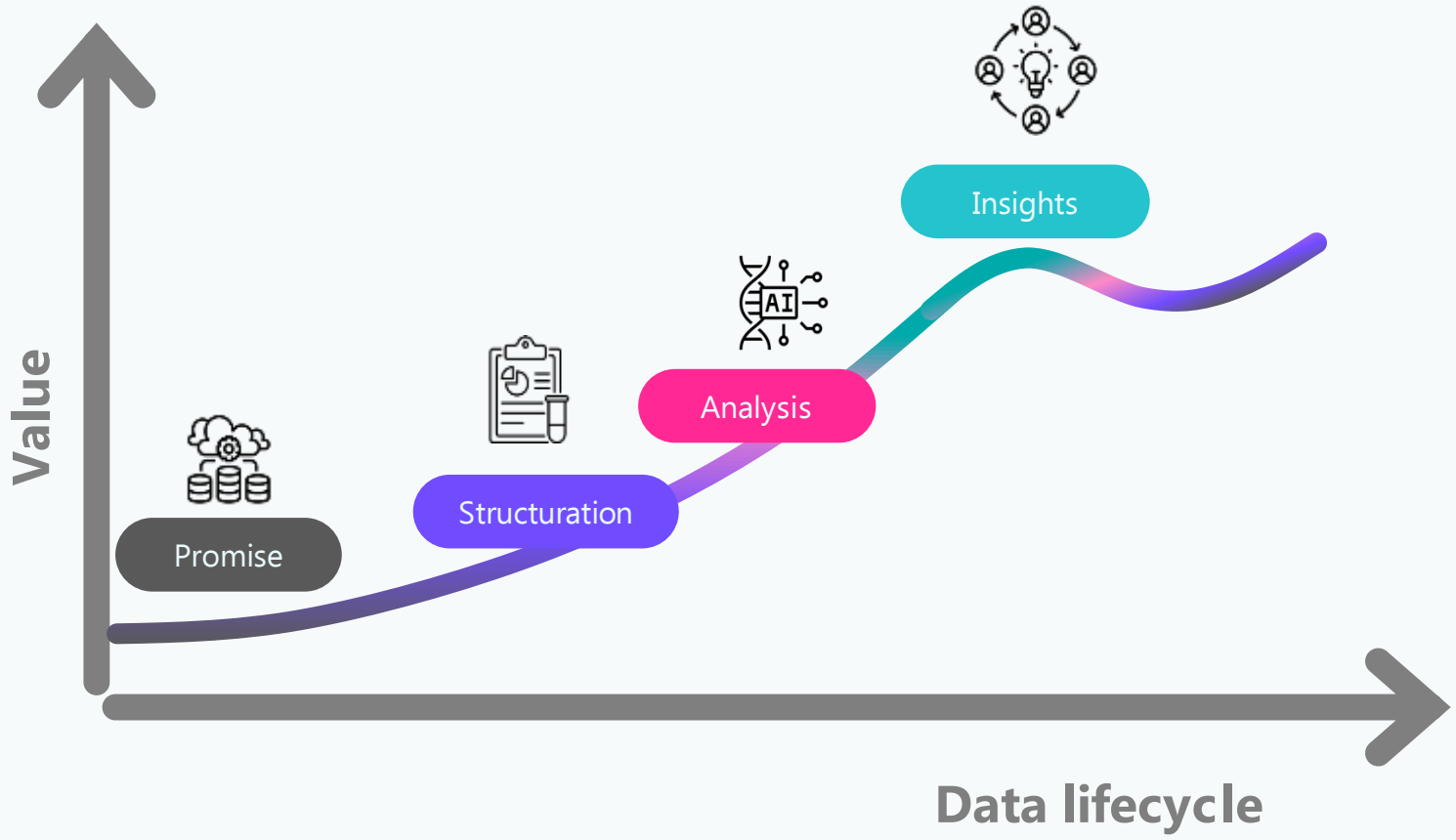
DIGITAL LABS

cloud

on-premises

desktop

Constellab™ gives life to data & supercharge complex R&D projects



Boost of digital pipelines X 6

Easy and fast adoption in 4 hours

Improvement of quality

Constellab™ speed-up digital pipelines by a factor of 6

- is deployed in few minutes(1) or days(2)
- is adopted within few hours(3) and easy to maintain
- is secured and ensures data sovereignty(4)
- is open source for sustained longevity

(1) in any cloud infrastructure (OVHcloud, Microsoft AZURE, AWS, …)
(2) on company's premises
(3) within 4 hours – validated with 40 bioengineering students
(4) in any region of the world

Our expertise to boost your digital R&D

- Digital twins & artificial intelligence
- Multi-omics data analysis
- Visualization and reporting
- Development of proprietary bricks

We sustainably answer bottlenecks in the major biotech industries

They trust us

Crop disease analysis service (Digital twin, agronomy)

Omics data analysis with Constellab™ (Microbiota, Nutrition)

Global digitalization of R&D and bioproduction (Digital twin, CDMO)

In silico metabolic modelling with Constellab™ (Digital twin, Health)

Student training with Constellab™ (Education, Engineering school)

An end-to-end service for your complex R&D projects

Consulting & Diagnostic of complex projects

Digital labs & IT infrastructure & Multi-cloud

Constellab Lab memory	Data analysis AI & Digital twins	Complex collaborative projects
Subscription	Standard consulting	Complex consulting
Self-managed projects	Custom Support	Custom pipelines
	Shared bioinformatician	

An experienced team for your complex R&D projects

R&D

Omics data,
Bioinformatics & AI

3 PhD & 3 Engineers

Thibault ETIENNE
R&D leader

Product

Software & Cloud
computing

4 Engineers, 1 PhD

Benjamin MAISONNEUVE
Lead software engineer

Business

Sales & marketing

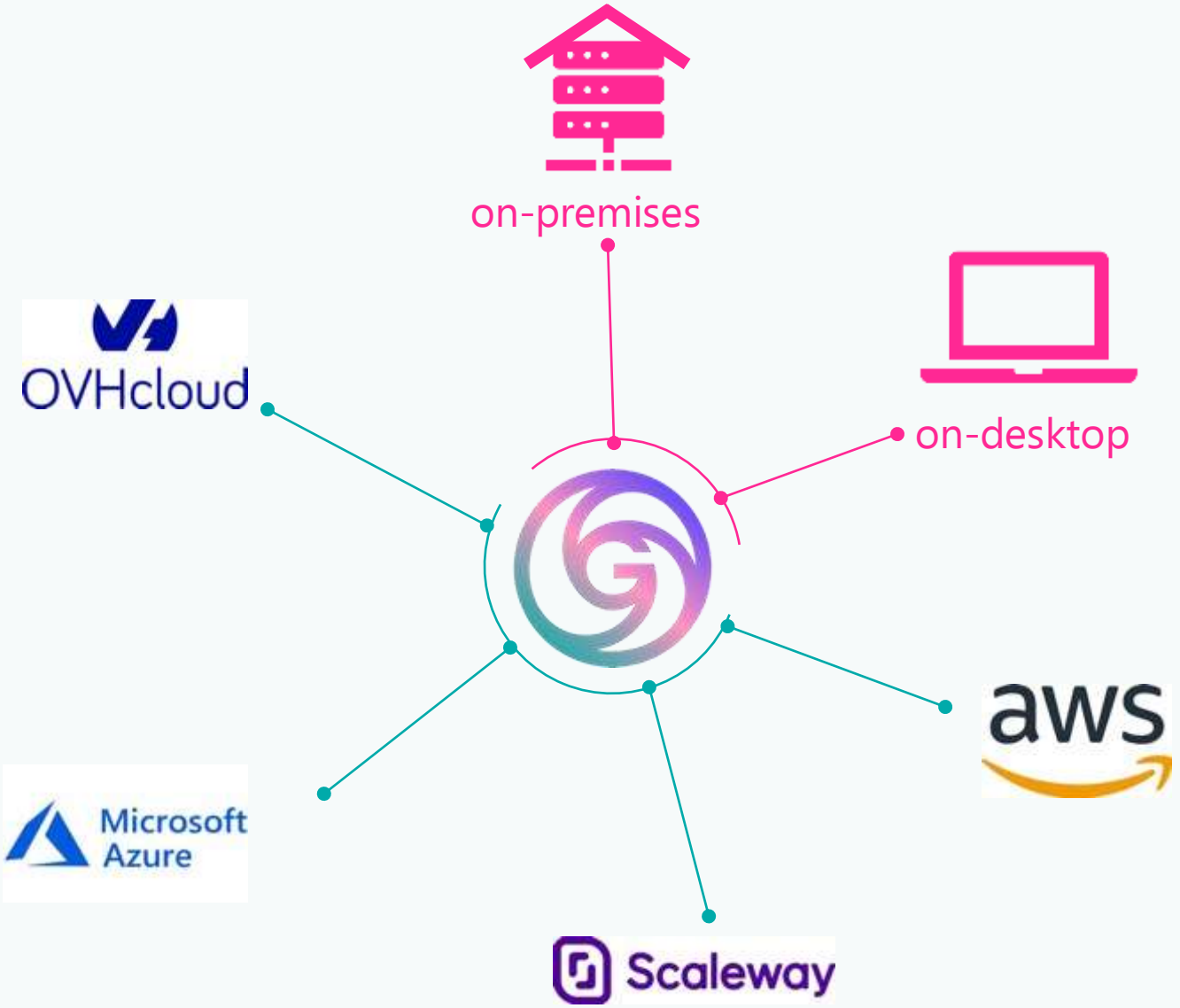
2 business

Florent TESTUD
Business Director

A secured multi-cloud & on-premises platform for next generation R&D

Data Interoperability & Sovereignty

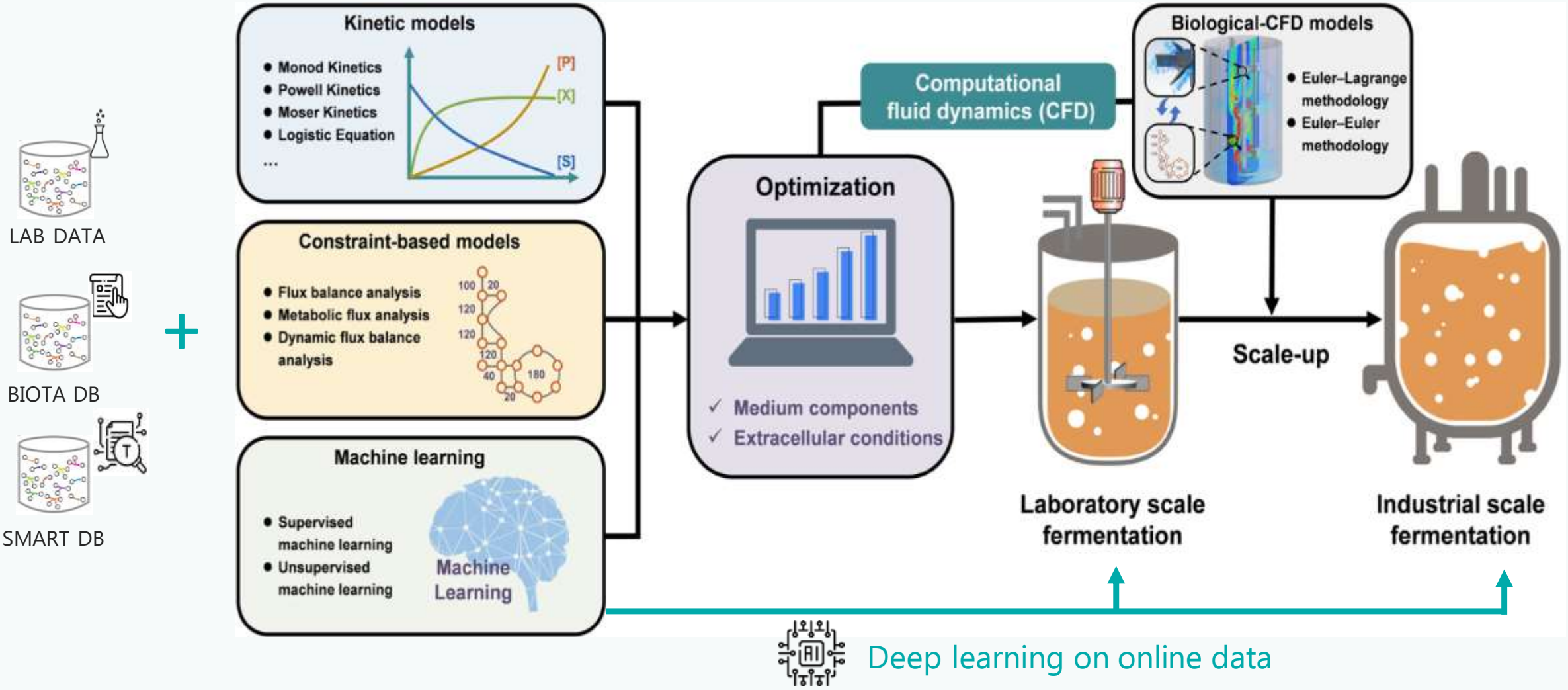
HDS & ISO27001 cloud providers



Cellular Metabolism into a multiscale bioprocessing Model: Mixed model

NextGenBioprocess : 800 k€ (2 years)

Gencovery GREENCELL BIOASTER



Constellab™ promotes sustainable R&D for all

open source

GPLv3

KNOWLEDGE SHARING

LOW CARBON R&D

EDUCATION

Applications & current portfolio

Bioengineering

- Biotechs
- CRO / CDMO
- Universities / Hospitals

- Modes of action
- Target discovery
- Strain/Culture optimisation

Bioproduction

- Pharmas
- CDMO

- Bioprocess optimisation
- Control of bioprocess

Join us

https://gencovery.com

https://constellab.io

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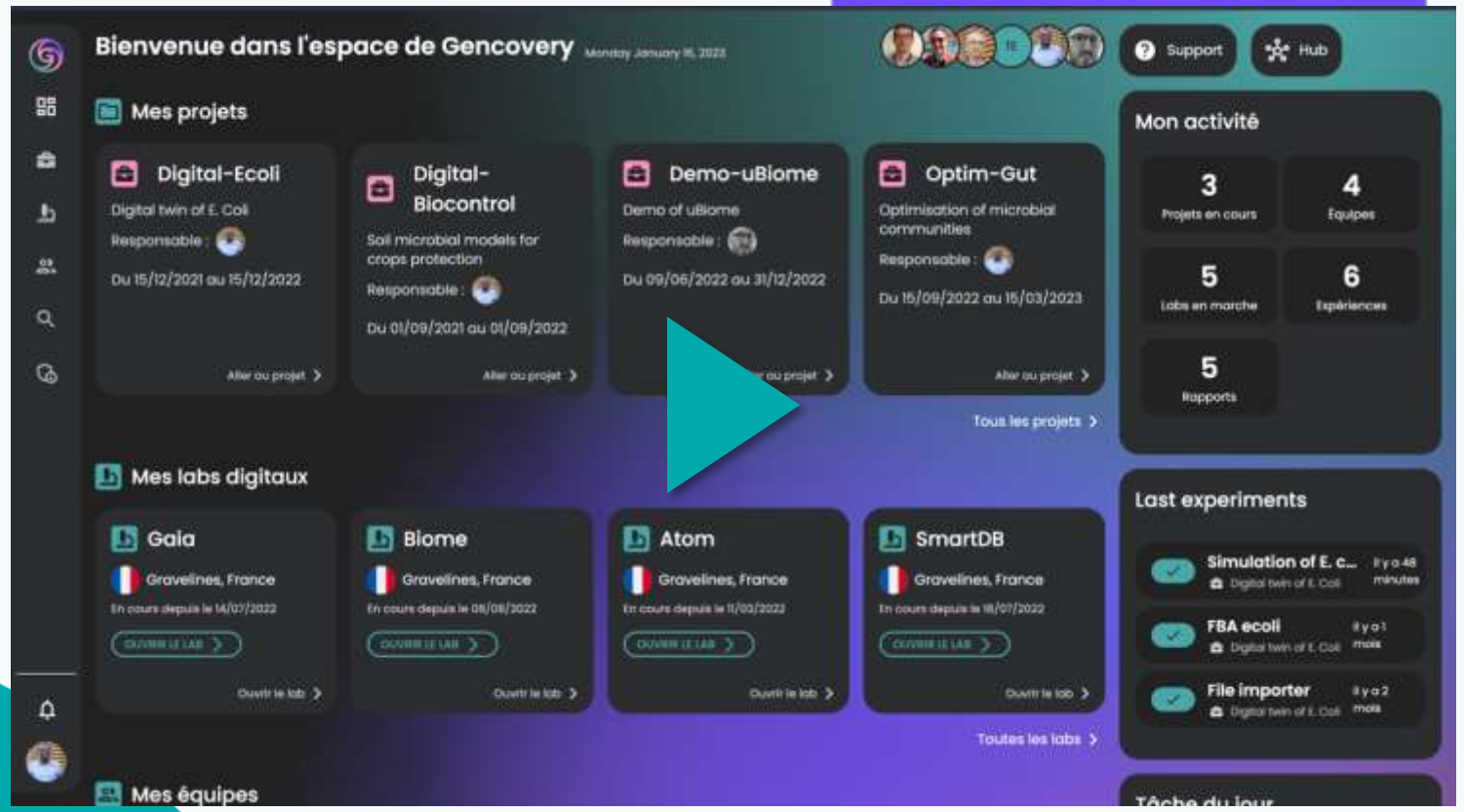

Get started now on https://constellab.space

Contact us for a diagnostic and to activate a trial digital lab

Restricted