



**IBISBA<sup>1.0</sup>**

Industrial Biotechnology Innovation  
and Synthetic Biology Accelerator

# IBISBA 1.0

Info session H2020 Research Infrastructures 2020 calls, 15 Oct 2019, Brussels, Belgium

Heleen De Wever, VITO

Industrial Biotechnology Innovation and Synthetic Biology Accelerator



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 730976

# Industrial Biotechnology is a KET

## Key Enabling Technology of the circular bioeconomy

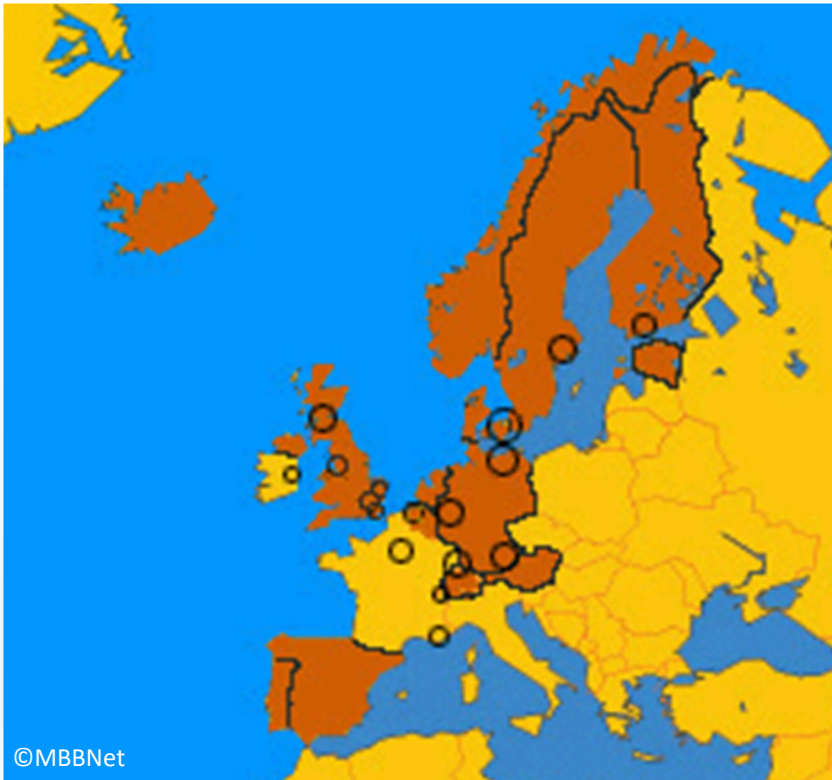
Industrial Biotechnology has been empowered by major progress in life sciences research and is now set to benefit from **Synthetic Biology**.

Synthetic Biology integrates into the bioeconomy vision aiming to convert biobased raw materials into added-value bioproducts.



# Networking is a viable WAY

To create synergy and to stimulate cross-fertilisation



Europe possesses best-in-class, yet **disconnected** research infrastructures

**Networking**  
accelerates the development of  
innovative bioprocesses,  
reduces research costs,  
optimises investments,  
stimulates cross-fertilisation and  
creates synergy



IBISBA<sup>1.0</sup>



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 730976

# IBISBA 1.0 is the PROJECT

To build a research infrastructure network



A H2020 INFRAIA research infrastructure project aiming at building a **Pan-European** coordinated research infrastructure network supporting industrial biotechnology

16 partners from 9 European countries

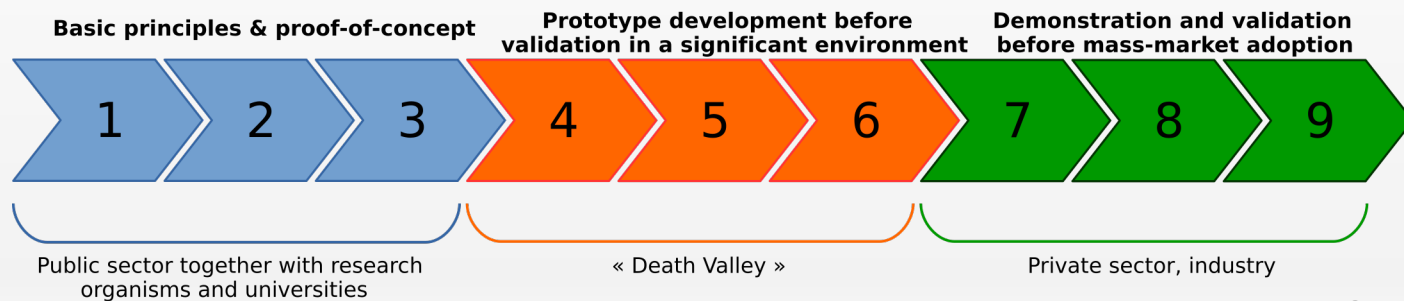
Led by France and **INRA**

Project coordinator:  
**Michael O'Donohue**

# The mission

## Promoting Industrial Biotechnology to support the growth of the bioeconomy

IBISBA 1.0 will accelerate innovation that will be translated into goods and services for a wide range of sectors including **energy** (e.g. liquid biofuels), **chemicals** (e.g. organic acids), **materials** (e.g. bioplastics) and ingredients for the **food, feed and cosmetics sectors** (e.g. enzymes and antioxidant compounds)



©MesoStar

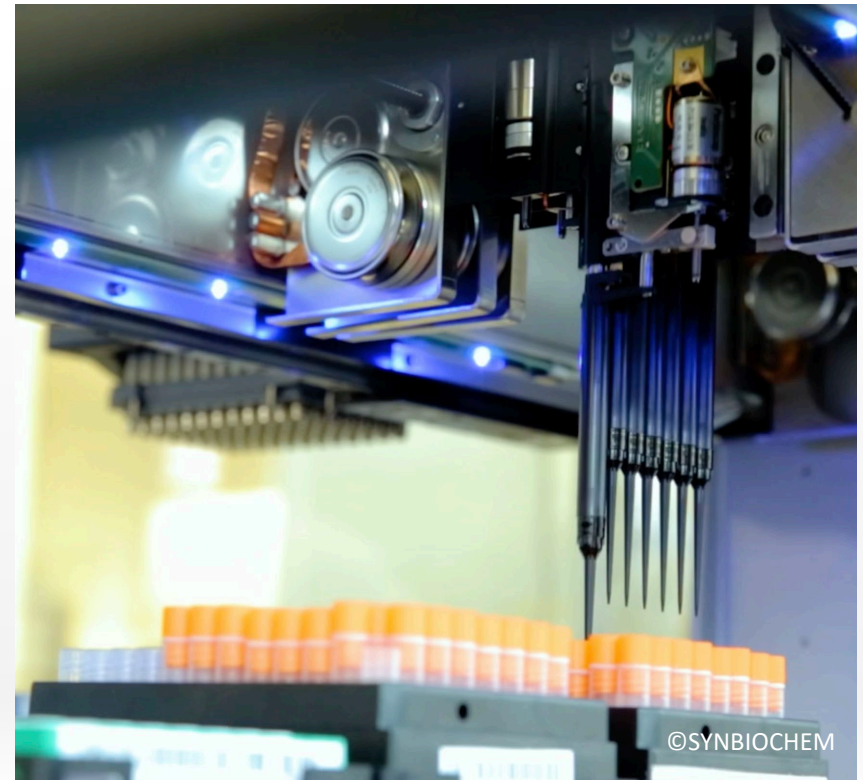
# Innovation services

For the industrial Biotechnology community

**Translation** of bioscience results into preindustrial innovation

**Development** of workflows and standards to improve interoperability and reproducibility

Web-based **repository** for knowledge asset management





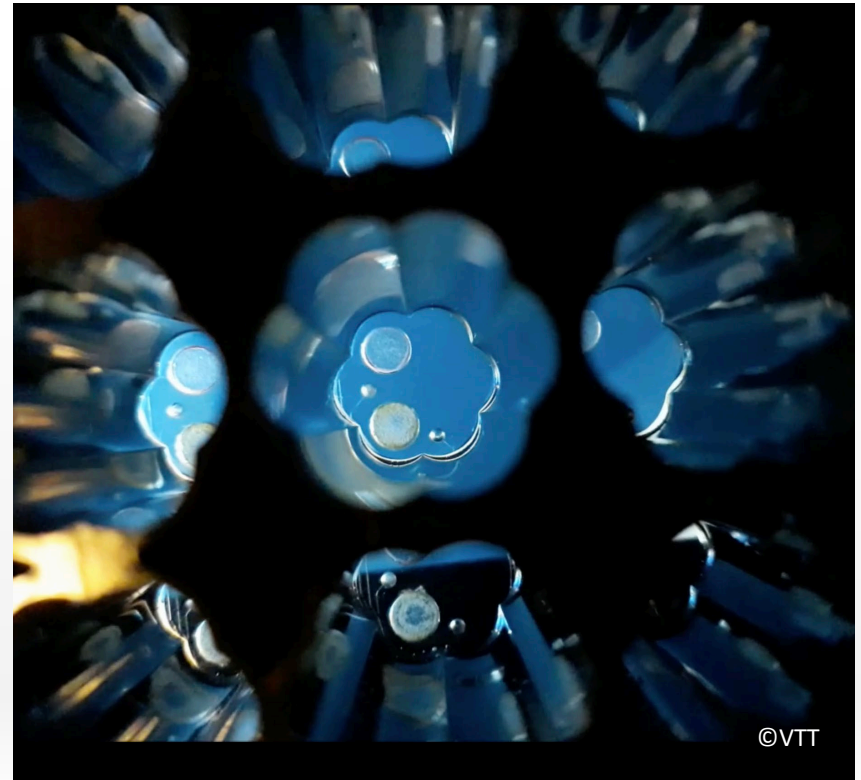
# Innovation services

## For the industrial Biotechnology community

Supplying large **industries/SMEs** with cutting edge technology, know-how for biocatalyst/cell factory design and **access** to infrastructure

Hub for **public-private collaboration**

First-rate **training** for early career stage researchers and professionals



# Transnational Access

## Subsidised access to best-in-class research facilities

**Subsidised access** to research facilities to all industrial biotechnology professionals from EU Member States, Associated and Third Countries.

**Open Calls** for access are launched on regular basis throughout the duration of the project





# IBISBA 'partner' perspective: needs for winning proposal

Need for clear vision and mission (short-term for project, long-term beyond project)

Vision and mission to be properly discussed with and supported by whole consortium

Proper understanding of (knowledge) gaps and current limitations to address

Identification of added value in bringing together infrastructures/services

Experienced coordinator to guide (strategic) discussions and take decisions

Start preparations on time, set up strong partnership



IBISBA<sup>1.0</sup>



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 730976

# IBISBA 'partner' perspective: needs for winning proposal

Identify outputs you want to deliver

Develop clear ideas on types of services to offer, types of clients to support

Decide on level of harmonization required

Think through the procedures to apply for transnational access (open access policy!)

Understand financials for transnational access

Keep in mind this is not a R&D project!

# Added value for VITO

Part of network of excellent infrastructures

Sharing best practices

Receiving training on variety of scientific and managerial aspects

Access to much broader range of clients

Stay up-to-date on latest (scientific) developments in cross/multidisciplinary context

Contact with other infrastructure initiatives

# EU-IBISBA

## The emerging ESFRI European research and innovation infrastructure

IBISBA is on the **ESFRI Roadmap 2018** as EU-IBISBA

The **Preparation Phase (PP)** starts in November 2019

**14** partners from **9** EU Member States

Led by **INRA** (France)



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 730976

# Thank you!

More information available on

[www.ibisba.eu](http://www.ibisba.eu)

[info@ibisba.eu](mailto:info@ibisba.eu)



IBISBA<sup>1.0</sup>



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 730976