## HOW TO ACHIEVE THE GOALS?

MIRRI is about to complete its **Preparatory Phase** (i.e. development of strategies) and is now entering its **Construction Phase** (i.e. implementation of the developed strategies) on its path to become operable.

The first step on the way is the establishment of its legal status, the **MIRRI-ERIC**, with the **Central Coordinating Unit (CCU)** acting as a organisational secretariat.

Each member state of the MIRRI-ERIC is committed to establishing a **National Node (NN)**. This node acts as a hub for the national network of mBRCs.



Partnership criteria for joining MIRRI-ERIC are defined in the **MIRRI Partner Charter**. This document defines, in addition to the MIRRI-ERIC Statutes, the rights and duties of MIRRI partners.

With the establishment of the envisioned MIRRI-ERIC MIRRI will be fully operable.

## CONSORTIUM (PREPARATORY PHASE)

#### PARTNERS

CABI (United Kingdom) • CSIC-IMEDEA (Spain) • DSMZ (Germany) • IAFB-CCIM (Poland) • IBPM (Russia) • INRA (France) • IP (France) • JacobsUni (Germany) • KNAW/CBS (Netherlands) • MUT (Italy) • SPP-PS (Belgium) • UGENT (Belgium) • UGOT (Sweden) • UMinho-MUM (Portugal) • UVEG (Spain) • USMI (Italy)

## **COLLABORATING PARTIES**

ACA-DC (Greece) • ATHUM (Greece) • BEA (Spain) • BCCM<sup>™</sup>/IHEM (Belgium) • BCCM<sup>™</sup>/LMBP (Belgium) • BCCM<sup>™</sup>/MUCL (Belgium) • BRC Toxoplasma (France) • CCAP (United Kingdom) • CCF (Czech Republic) • CCY (Slovakia) • CMII (Romania) • DBVPG (Italy) • HAMBI (Finland) • IEGM (Russia) • ITEM (Italy) • MSCL (Latvia) • NCAIM (Hungary) • NCIMB (United Kingdom) • NCTC/PHE (United Kingdom) • NCPPB (United Kingdom) • NCYC (United Kingdom) • NIBSC (United Kingdom) • PCM (Poland) • PYCC (Portugal) • SAG (Germany) • SCCAP (Denmark) • VTT (Finland)

### **NON-EU COLLABORATORS**

Brazil, contact: Fiocruz • China, contact: IMCAS • Japan, contact: NBRC • Kenya, contact: JKUAT • Taiwan, contact: BCRC • USA, contact: FGSC

## **CONTACT & COORDINATION**

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This project has received funding from the European Union's Seventh Framework Programme for research, technological development and demonstration under grant agreement no: 312251.



European Strategy Forum on Research Infrastructures



**MICROORGANISMS** 

a toolbox for innovation



ACTERIA FUNGI BACTERIAL VIRUSES PHA PROTOZOA FROM IDEAS YEASTS ANIMAL SCOPIC ALGAE ANIMAL VIRUSES ARCHAE PLASMIDS VIA SOLUTIONS MICROSCO BACTERIAL VIRUSES PHAGES CYANOBAC IS ANIMAL CELLS TO PRODUCTS PLAN IS MICROSCOPIC FU

# WHY DOES EUROPE NEED MIRRI?

**MIRRI** (Microbial Resource Research Infrastructure) is a pan-European infrastructure consisting of **more than 30 mBRCs** (microbial domain Biological Resource Centres).

Though the holdings of the MIRRI consortium comprise more than **360,000 microbial resources**, the availability of specific microorganisms and the associated data is hard to locate for researchers. This also applies to the unique expertise related to microbial resources.



#### MIRRI will change this situation effectively by

- a coordinated approach for depositing new microbial resources
- facilitated data mining through improved interoperability of data and linkage to other research infrastructures' databases
- enhanced knowledge transfer to the scientific community

# WHAT DOES MIRRI OFFER?

MIRRI is an open, distributed and **service-oriented infrastructure** composed of experienced mBRCs which offer **innovative services** to its users, i.e. researchers from academia, industry and public domain.

The MIRRI Offer will be accessible via the **MIRRI Portal** which serves as central entry point for requests:

- Resources & Services: access to microbial resources; provision of new innovative services as requested by the user community
- Data: increased access to data associated with microbial resources by consolidation of existing data fragments; ensuring generation of validated and interoperable new data
- Access to Technology: physical access to state-of-the-art technologies and services established at the MIRRI partner mBRCs
- Knowledge Transfer: consultancy available via the MIRRI
  Expert Platform; fields of expertise comprise e.g. legal issues, taxonomy and quality management
- Education & Training: interdisciplinary programs for students, researchers and mBRC staff



# WHAT IS THE ADDED VALUE OF MIRRI?

The **added value of MIRRI** is defined by its impact on academic and industrial research, stimulating the European bio-economy and affecting the whole of society.



Utilisation of the MIRRI Offer will **boost research and innovation** on an unprecedented scale.

Access to other consortia via MIRRI widens the knowledge base for users.

Structured interdisciplinary curricula and training programs for students and scientists will ensure the availability of **well-trained personnel** for R&D in academia and industry.

The MIRRI Offer will accelerate the **translation of ideas into products** in various fields of biotechnology, **strengthening the position of the European bio-economy** on the global market.

Summarizing these added values, the **whole of society benefits** from new innovative biotechnological products (e.g. in the health and food sector), and from the associated enhancement of the European bio-economy (e.g. via increase of employment).