

# MIRRI “Microbial Resource Research Infrastructure”

## The future European portal to access a broad scope of high quality microbes and related services

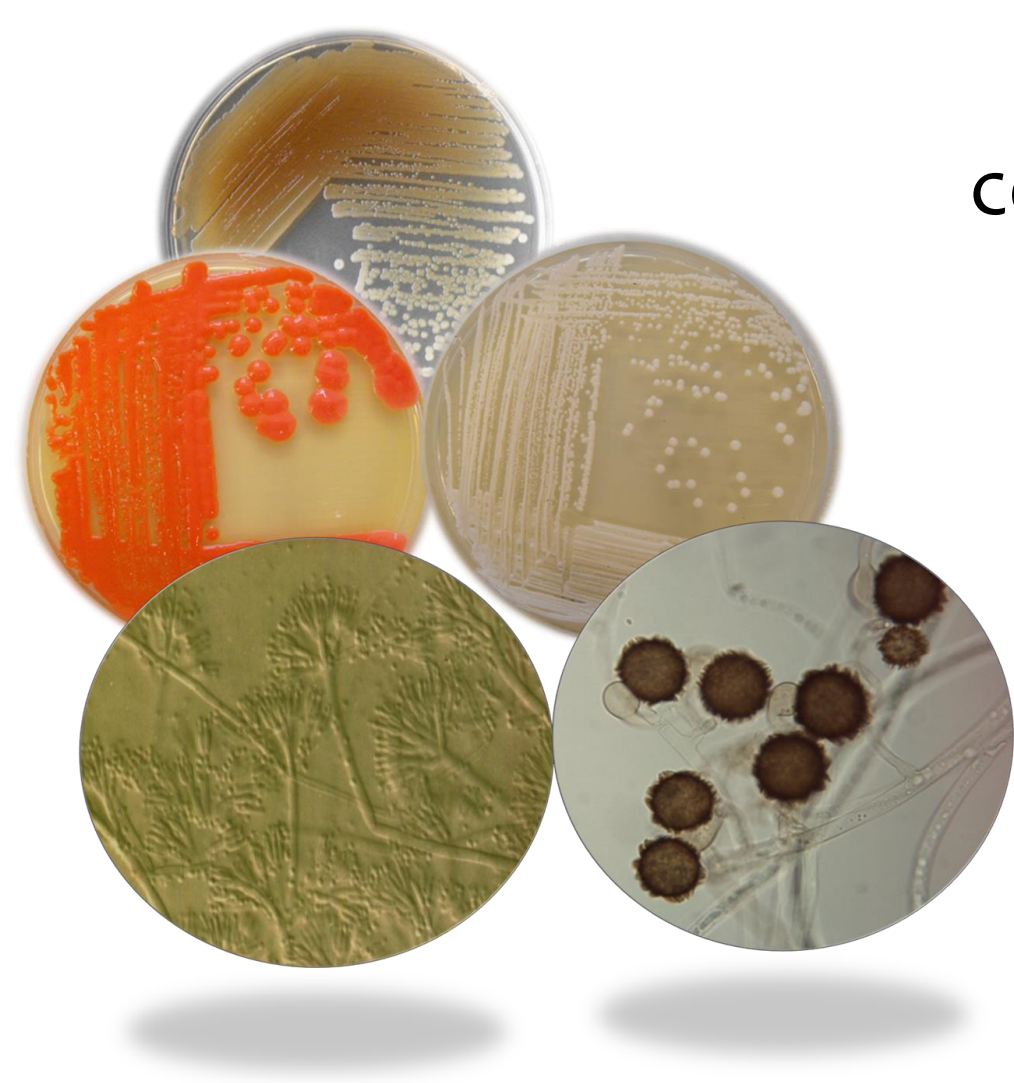


A. Zuzuarregui\* and the MIRRI consortium  
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### Microorganisms and mBRCs (Microbial Resource Centres)

Microorganisms hold a high inherent value proved by the large number of applications in which they have been used

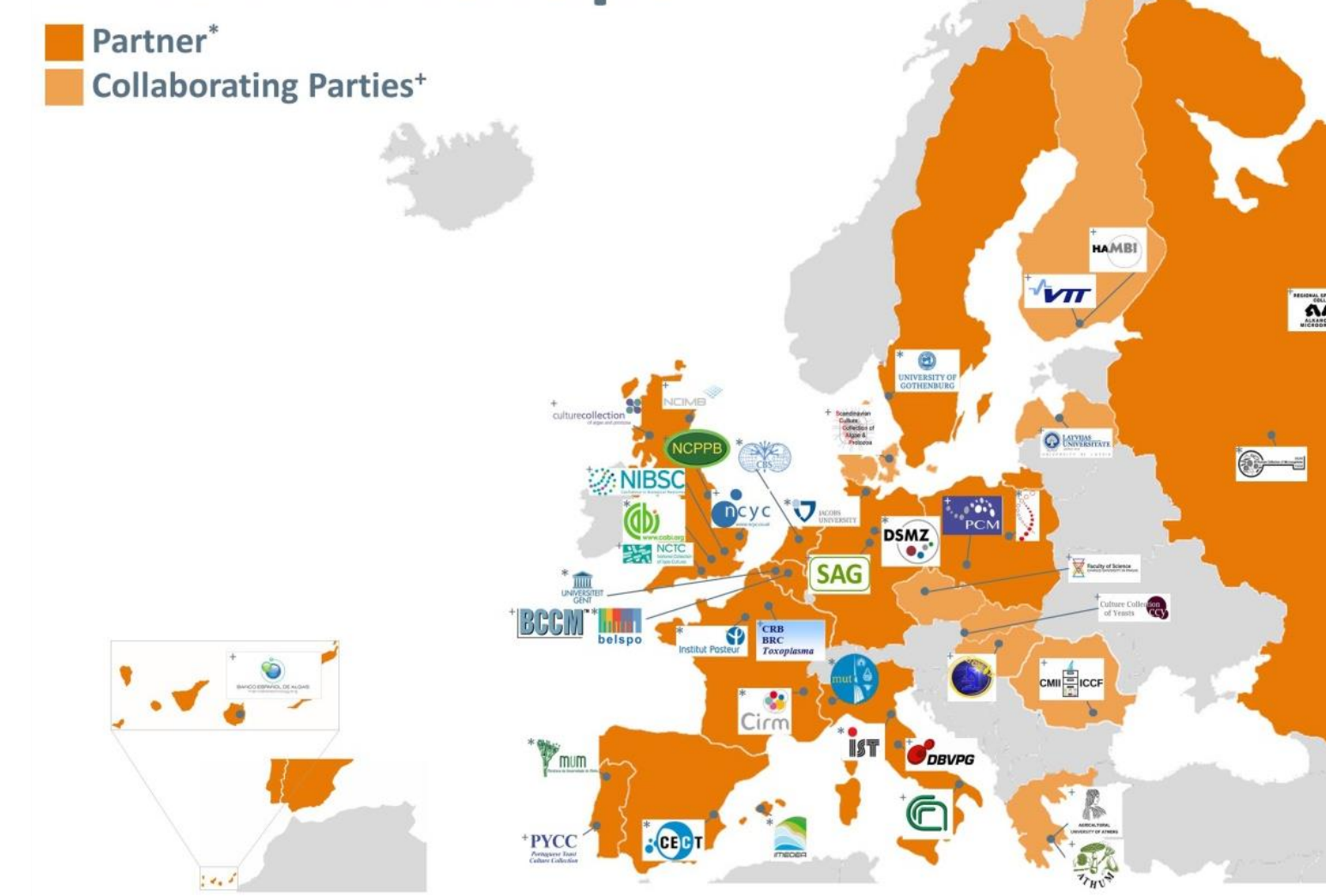


Public Culture Collections/ mBRCs have the mandate to conserve microbial diversity and associated data and to make it available to the scientific community

The CECT, as other collections of the consortium, follows the OECD Best Practices Guidelines for mBRCs to guarantee the quality of the resources, to prevent misuses and to protect Intellectual Property Rights

### MIRRI: Who we are...

#### MIRRI in Europe

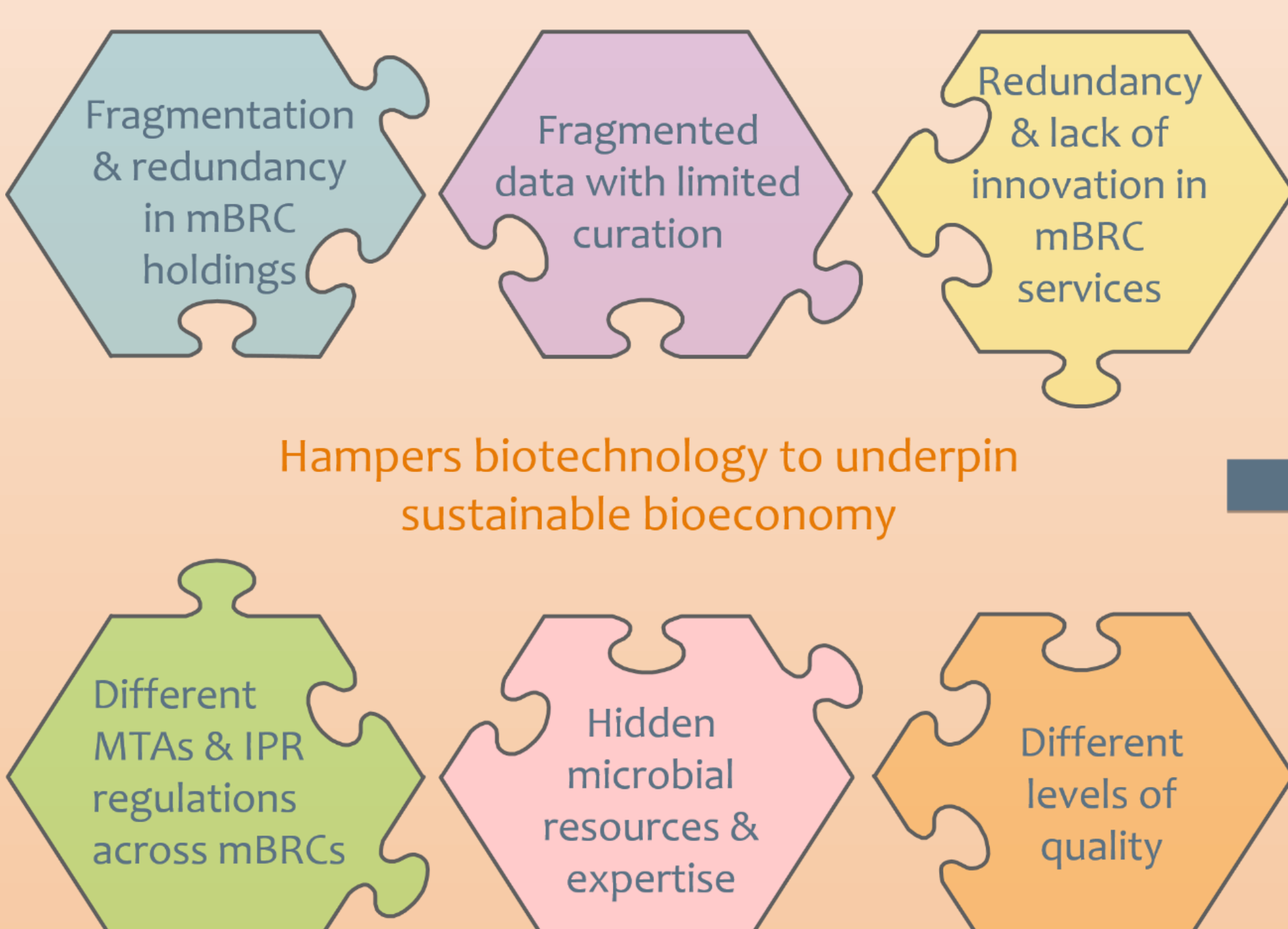


MIRRI is a pan-European distributed research infrastructure in its preparatory phase, which aims to support research and development in all fields of biotechnology (blue, green, red and white). Currently, more than 30 public culture collections and research institutes from 19 European countries collaborate to establish this infrastructure

The CECT is one of the 16 partners of MIRRI and leads one of the Work Packages (WP2: Design of the Microbial Resource Research distributed Infrastructure)

### The current mBRC offer

Fragmented microbial resources, services and expertise in Europe



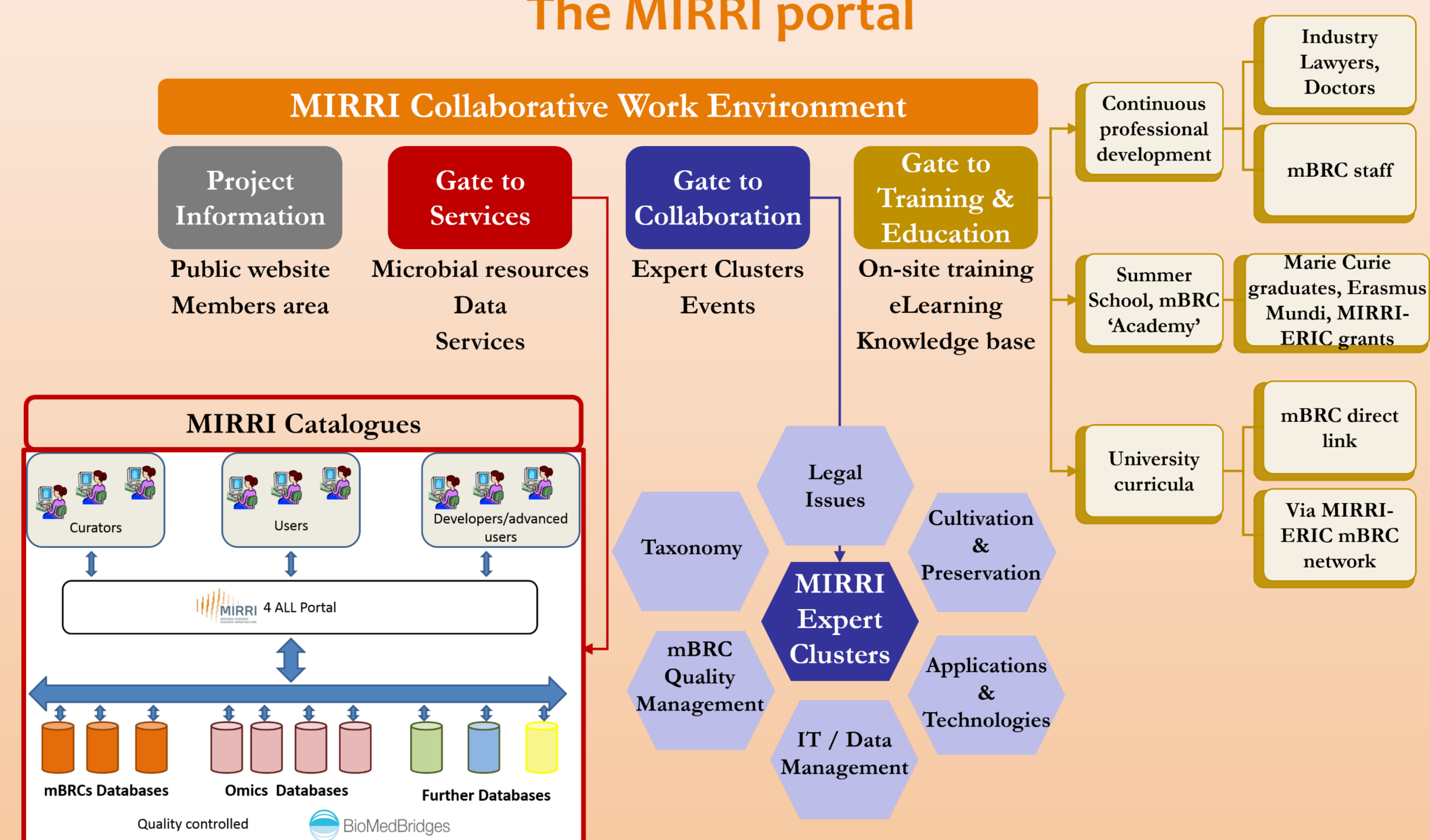
Hampers biotechnology to underpin sustainable bioeconomy

### The MIRRI offer

Coordinated resources, services and expertise

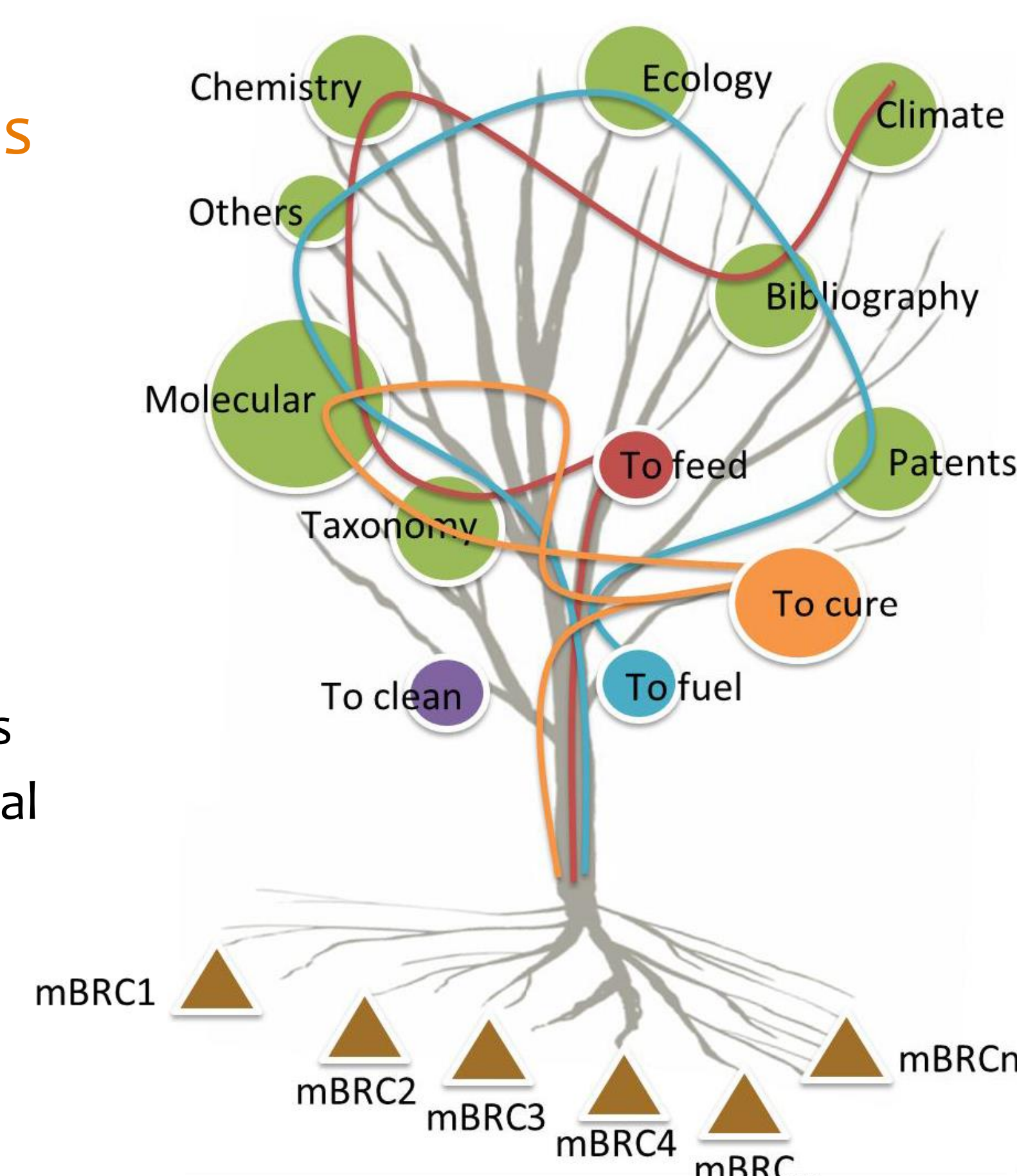


### The MIRRI portal



### Together, MIRRI can grow the tree of innovation, which means

- ✓ a wider scope of research tools
- ✓ better protection and improvement of health
- ✓ new sources for molecules in bio-based industries
- ✓ novel energy sources based of microbial biomass
- ✓ indicators demonstrating climate changes
- ✓ access to high quality biological material, data and technical know-how, which is essential for world class research in life science and innovative solutions to global problems
- ✓ tailor-made solutions for biotech companies
- ✓ competitiveness in the knowledge based bio-economy



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