



MIRRI CC Membership Criteria

WP2

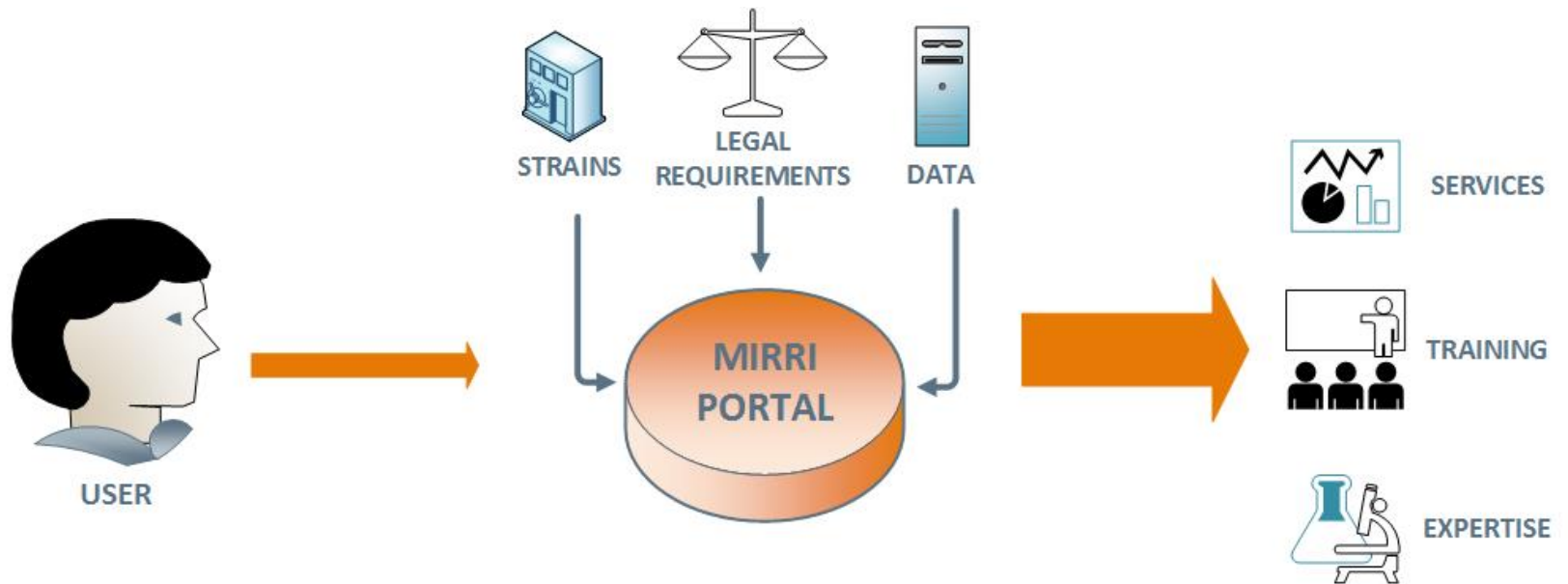
Belgian Coordinated Collections of Microorganisms/Bacteria Collection (BCCM/LMG)

Spanish Type Culture Collection (CECT)

French Collection of Plant associated bacteria (CFBP)

Mycotheca Universitatis Taurinensis (MUT)

MIRRI PORTAL



- ✓ Legal compliance
- ✓ Quality standards

WP2 – ECCO CC survey

In April 2013, MIRRI WP2 launched the ECCO-CC survey, a questionnaire addressed to ECCO members with the aim to:

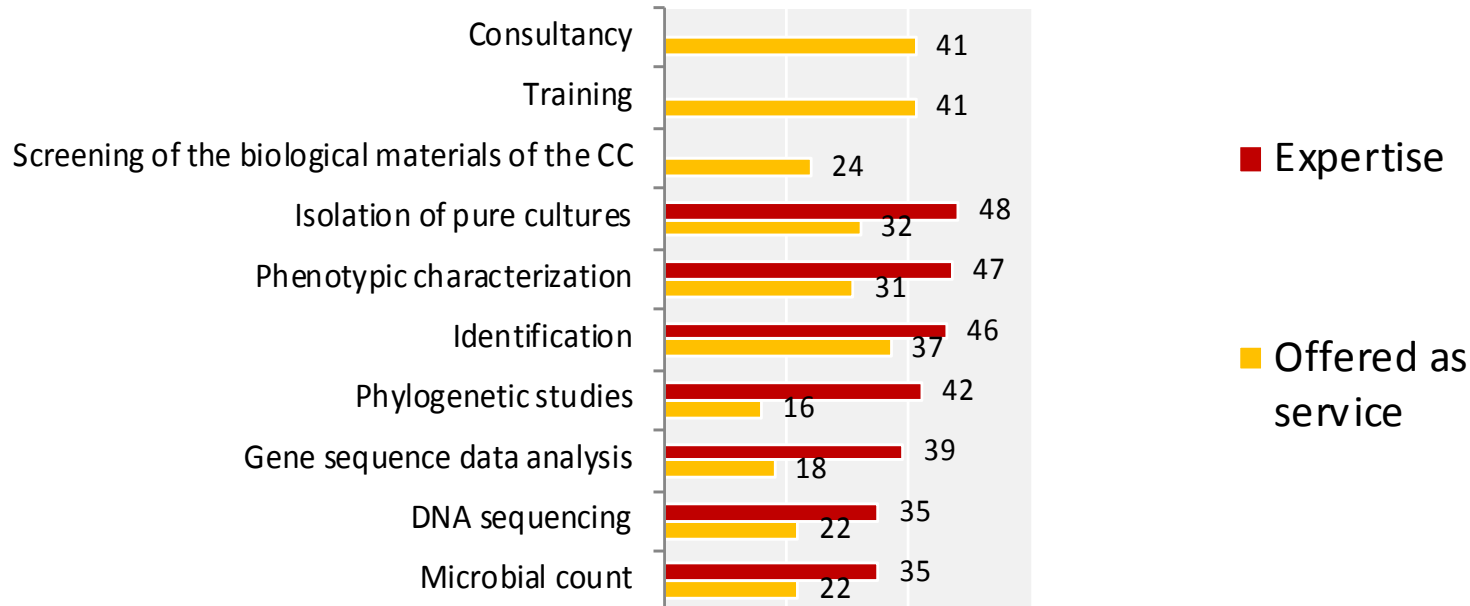
- ✓ Inventory their resources and services
- ✓ Assess their compliance with mBRC standards and regulations
- ✓ Identify networks of culture collections

60 out of the 75 ECCO-CCs responded (but 3 left more than half of the questionnaire uncompleted)

RESOURCES

Resource type	Number of items	Number of CCs involved
Filamentous fungi	212.389	28
Bacteria	180.328	33
Yeasts	58.796	33
Genomic DNA	22.050	13
Micro-algae	8.741	9
Protozoa	6.483	5
Plasmids	3.286	7
Cyanobacteria	2.744	9
Phages	1.249	8
Cell lines_human	793	4
Archaea	772	7
Viruses_plants	741	2
Viruses_human	734	3
Cell lines_plants	674	1
Cell lines_animal	312	4
Hybridomas_animal	89	2
Viruses_animal	35	1
Total	500.216	

SERVICES



OTHER SERVICES

- ✓ **Molecular profiles:** RAPD, AFLP, DNA-DNA hybridization, Whole genome sequence data analysis, Ribotyping, Real-time PCR, MALDI-TOF, PFGE, FAME-MIDI, RNA sequencing, Plasmid profile analysis of bacetria, Serotyping, etc
- ✓ **Microbial properties:** Antibiotic sensitivity, Screening for specific properties, Metabolite & Enzyme production, Pathogenicity tests, etc

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Membership criteria

OECD Best practice guidelines for mBRCs

- ✓ Sustainability of the collection
- ✓ Compliance with EU regulation No 511/2014 (Nagoya protocol)
- ✓ Accreditation/certification
- ✓ Checks for viability, purity and identification/authentication after preservation
- ✓ Resources preserved by two different methods
- ✓ Maintenance of a duplicate collection in a separate building
- ✓ Secured access to the collection stocks
- ✓ Risk assessment
- ✓ Traceability of the distributed material
- ✓ Standardization of the database structure and data formatting
- ✓ Online catalogue

Membership criteria

OECD Best practice guidelines for mBRCs

✓ **Sustainability of the collection.** Member States participating in MIRRI must support the national participating mBRCs/CCs.

✓ **Compliance with EU regulation No 511/2014 (Nagoya protocol).** Binding regulation.

Only half of the CCs refer to the PIC or to ABS in their paperwork!!!

✓ **Traceability of the distributed material.** Most CCs (56) comply.

Membership criteria

OECD Best practice guidelines for mBRCs

		N° of CCs
Certification or accreditation: ISO 9001, 14000, 17025, guide 34, etc		27
Quality checks after preservation:	Viability	58
	Purity	55
	Identity/authenticity	39
At least two preservation methods	for at least one part	15
	for the vast majority	37
Duplicate of the collection in separate buildings	for at least one part	34
	for the vast majority	27
Secured access to the collection		54
Risk assessment of the material	of specific part	14
	of all material	20
Structured database and formatted data		48
Public catalogue available online	for at least half of the collection	44
Combined criteria	full compliance	3
	criteria 1-9 (minimum for each criteria)	9
	at least 8 criteria (minimum for each criteria)	36