



improving access



The ESFRI project MIRRI

[EU INFRA-2012-2.2.5, FP7 Grant Agreement No.: 312251]

ECCO, Valencia 13. 06. 2014



European Strategy Forum
on Research Infrastructures



EUROPEAN UNION

MIRRI: Strength through diversity

**16 Partners,
11 countries**

**17 Collaborating
Parties,
8 additional
countries**



Content

- Objectives, mandates, offer
- Communication
- Towards governance and infrastructure
- What has been achieved until month 18?
- What needs to be done?

- **Objectives, mandates, offer**

Main objectives

- WP2 - Design of the Infrastructure, Analysis of user**
- WP3 - Define Governance Structure and Legal Status**
- WP4 - Develop Financial Plan(s)**
- WP5 - Communicate and Reach Out**
- WP6 - Improve Holdings and Services**
- WP7 - Build Capacity, foster Education and Training**
- WP8 - Manage Data Resource**
- WP9 - Provide a Legal Operational Framework**

WP10 - Innovative Approaches



The Evolution of the MIRRI Project



Founding dates e.g.,

CIP	1891
CBS	1904
CSIC-IMAEDA	1907
CABI	1910
CECT	1960
CCUG	1968
DSMZ	1968
BCCM/LMG	1983
MUM	1996
MUT	1999

**Previous collaboration
in networks**

1981	ECCO
1989-1993	MINE
1996 - 1999	CABRI
2001 - 2005	EBRCN
2009 - 2011	GBRCN
2008 - 2012	EMbaRC

Overall strategy

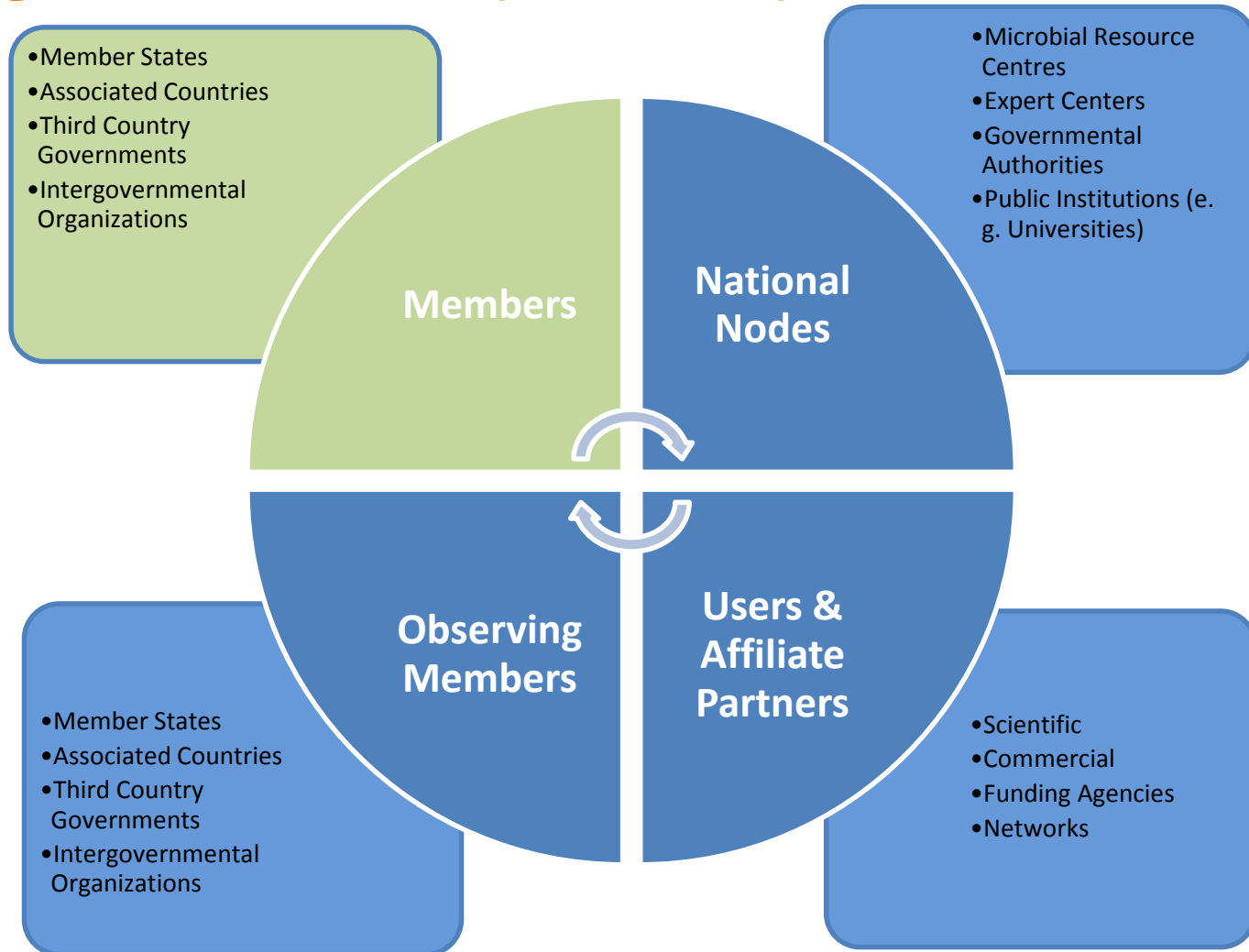
Partners and parties with different national mandates and individual interests must work together to fulfill the MIRRI objectives.

Two main components

**the governance, management and infrastructure
(WPs 2- 4)**

**the MIRRI offer to users
(WPs 2, 5-9)**

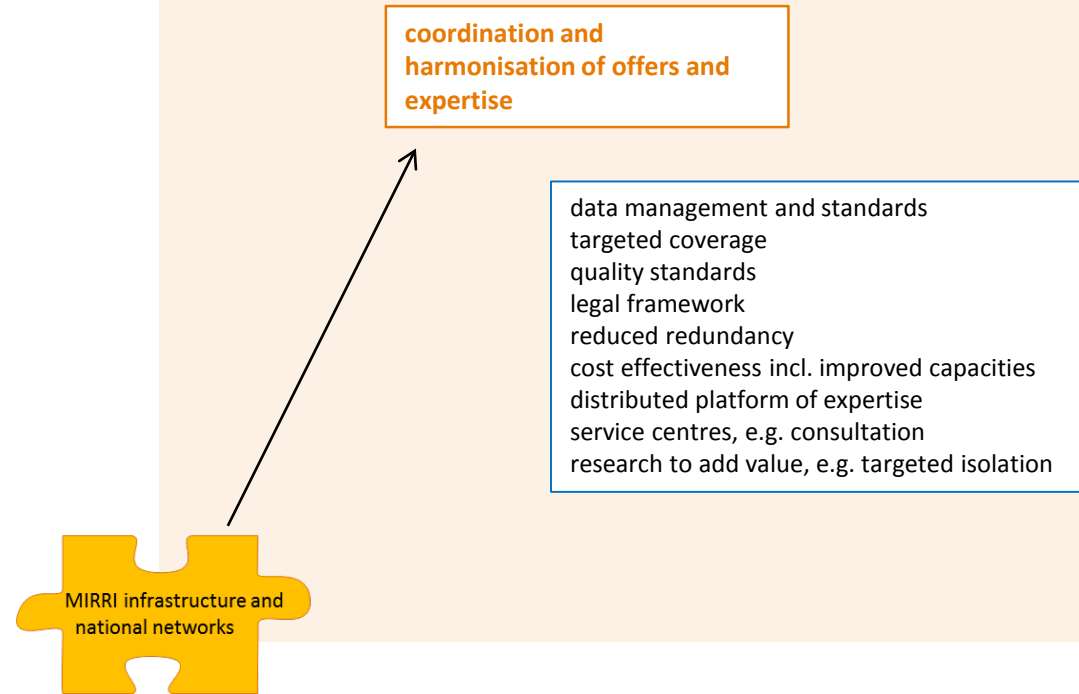
Beginning to define the governance structure, the policy framework, and the legal framework (WPs 2-4)



CCU

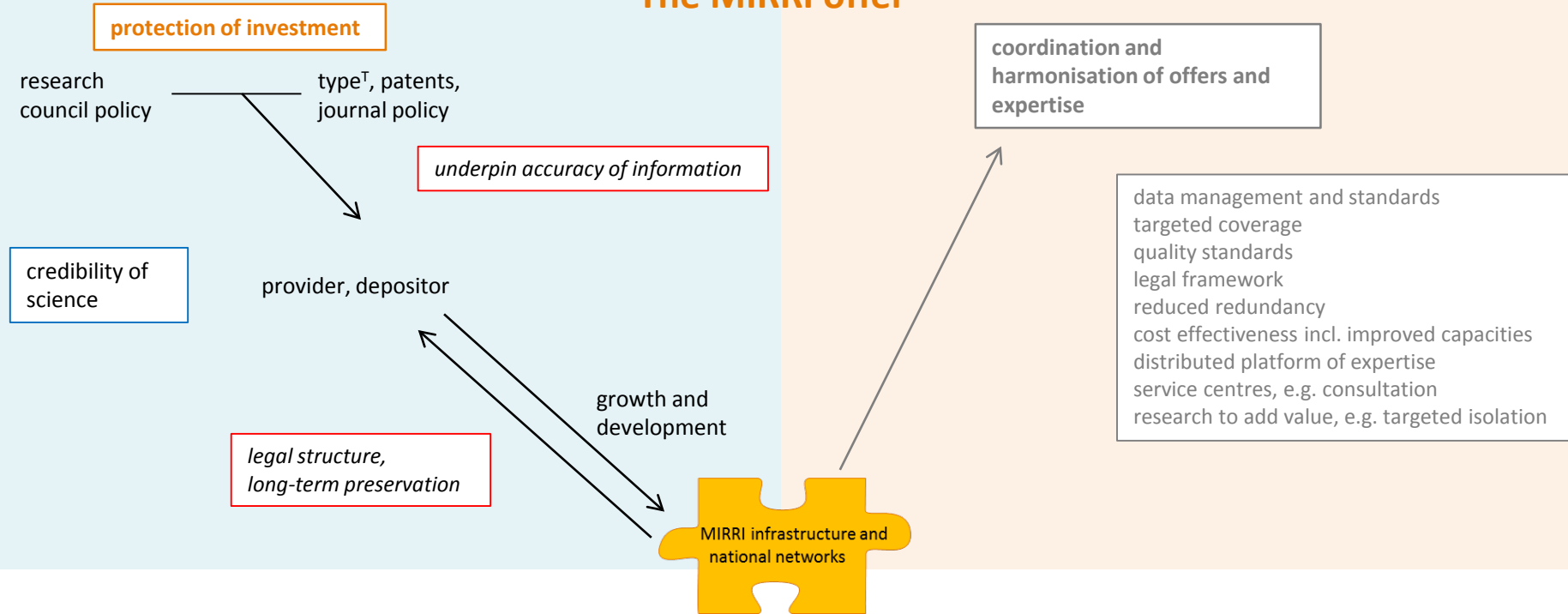


The MIRRI offer



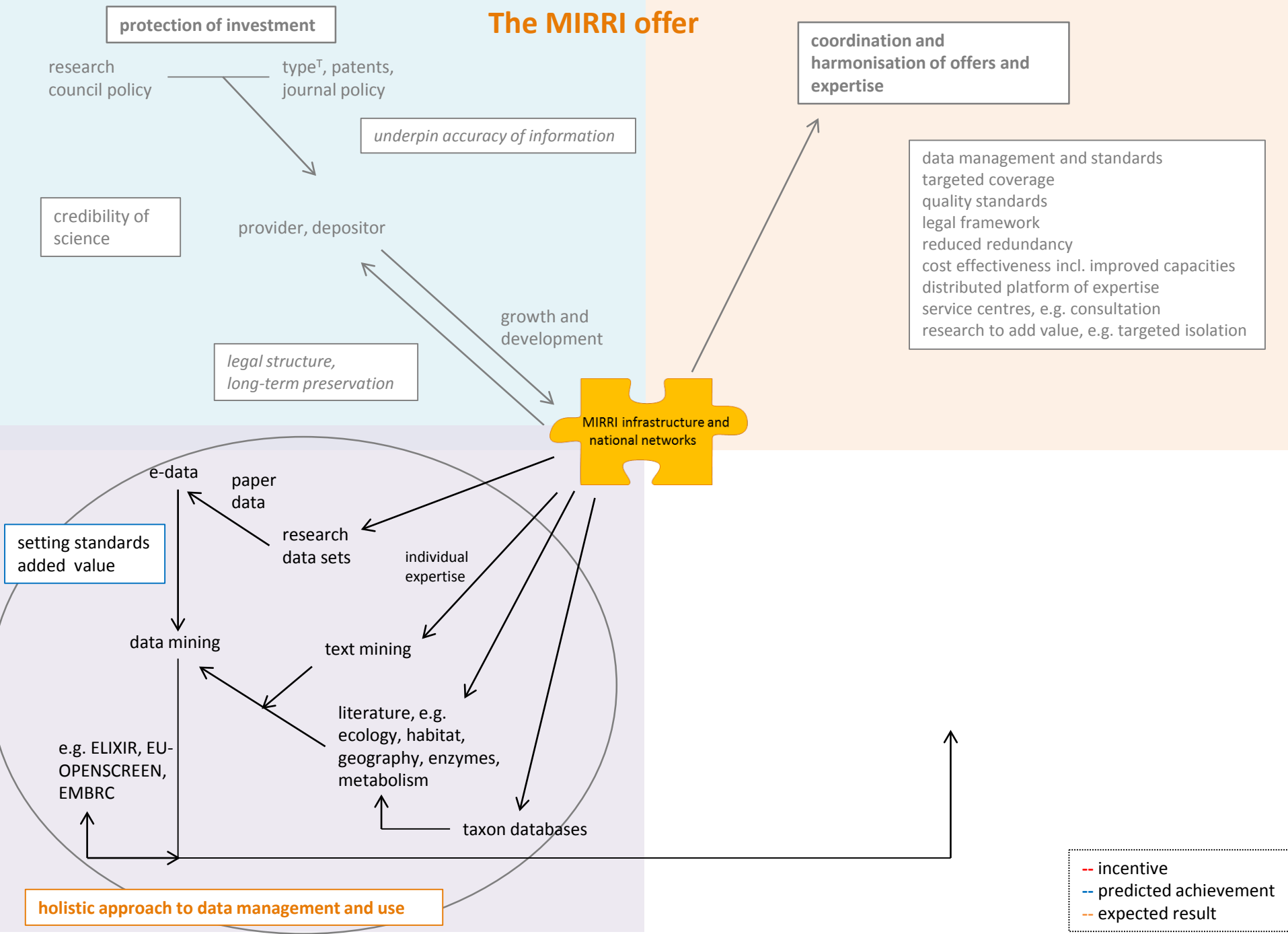
- incentive
- predicted achievement
- expected result

The MIRRI offer

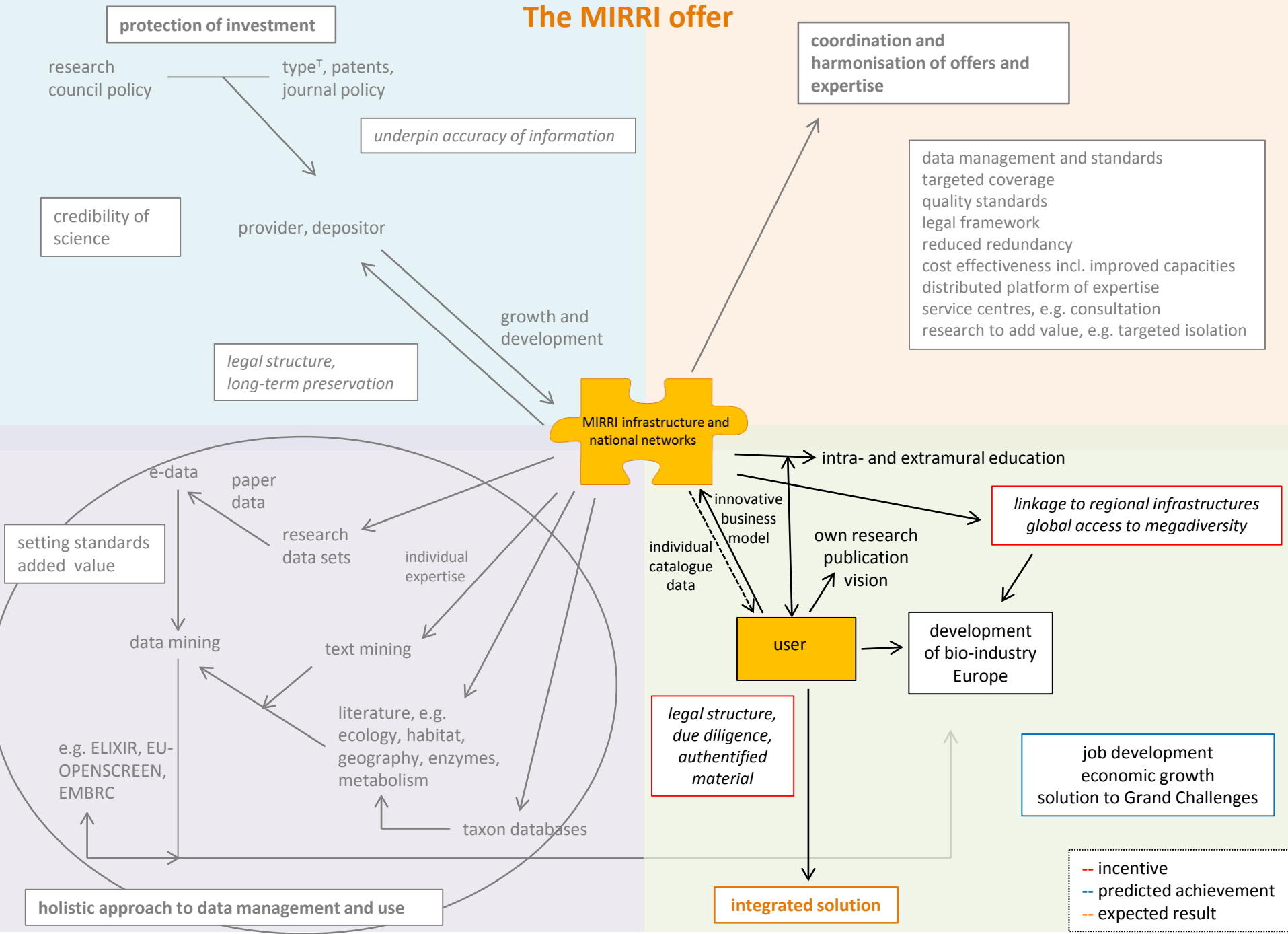


-- incentive
-- predicted achievement
-- expected result

The MIRRI offer



The MIRRI offer



The MIRRI offer



CCU



✓ Objectives, mandates, offer

- Communication

Communication 1. MIRRI internal interaction level

		WP1				WP2				WP3				WP4				WP5				WP6				WP7			WP8				WP9		WP10																
		T1.1	T1.2	T1.3	T1.4	T2.1	T2.2	T2.3	T2.4	T2.5	T3.1	T3.2	T3.3	T3.4	T4.1	T4.2	T4.3	T4.4	T5.1	T5.2	T5.3	T5.4	T5.5	T5.6	T6.1	T6.2	T6.3	T6.4	T7.1	T7.2	T7.3	T8.1	T8.2	T8.3	T8.4	T9.1	T9.2	T10.1	T10.2	T10.3											
WP1	T1.1					x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x											
	T1.2					x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x										
	T1.3					x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x									
	T1.4					x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x									
WP2	T2.1									x	x	x	x	x	x	x	x	x	x	x	x	x	x	x											x	x	x	x	x	x											
	T2.2																																							x	x	x	x	x	x						
	T2.3																																								x	x	x	x	x	x					
	T2.4																												x	x	x										x	x	x	x	x	x					
	T2.5																												x	x	x											x	x	x	x	x	x				
WP3	T3.1														x	x	x	x	x	x	x	x	x	x												x	x	x	x	x	x	x									
	T3.2																																								x	x	x	x	x	x					
	T3.3																											x	x	x											x	x	x	x	x	x					
	T3.4																												x	x	x											x	x	x	x	x	x				
WP4	T4.1																		x	x	x	x	x	x	x	x	x											x	x	x	x	x	x	x							
	T4.2																												x	x	x										x	x	x	x	x	x					
	T4.3																												x	x	x										x	x	x	x	x	x					
	T4.4																												x	x	x										x	x	x	x	x	x					
WP5	T5.1																						x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x						
	T5.2																												x	x	x										x	x	x	x	x	x					
	T5.3																												x	x	x										x	x	x	x	x	x					
	T5.4																																									x	x	x	x	x	x				
	T5.5																																										x	x	x	x	x	x			
	T5.6																																										x	x	x	x	x	x			
WP6	T6.1																																																		
	T6.2																																																		
	T6.3																																																		
	T6.4																																																		
WP7	T7.1																																																		
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WP8	T8.1																																																		
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	T8.4																																																		
WP9	T9.1																																																		
	T9.2																																																		

Communication 2. MIRRI-stakeholder communication level

Interaction with

- **User expert groups**
- **Bioindustry interest groups and individual bio-companies**
- **ISO standard development committee**
- **Individual potential national mBRC funding agencies**
- **Individual national research agencies**
- **European Parliament NP rapporteur**
- **European biodiversity level**
- **Secretary of the intergovernmental Commission on Genetic Resources for Food and Agriculture**
- **The Biological Weapons and Toxin Convention, United Nations**
- **United Nations Office for Disarmament Affairs**

Communication 3. Infrastructure level

H2020 Collaboration/discussion with

- BioMedBridges
- Health and Food domain (BMS group):
 - INFRADEV 4** - ELIXIR, EMBRC, BBMRI, EU-Openscreen, ERINHA, ISBE, EATRIS, ECRIN
- EMCRC: **INFRADEV 4** - AQUAEXEL, SIOS, RISIS, ELIXIR, EU-Openscreen, AnaEE,
- Environmental Group: **INFRADEV 4** - INTERACT, SYNTHESIS, VIBRANT, LTER-Europe, Lifewatch, Species 2000, ICOS, AgINFRA
- **INFRA supp-6** - BBMRI, IP, BBMRI/Biobanque, CABI, Africa

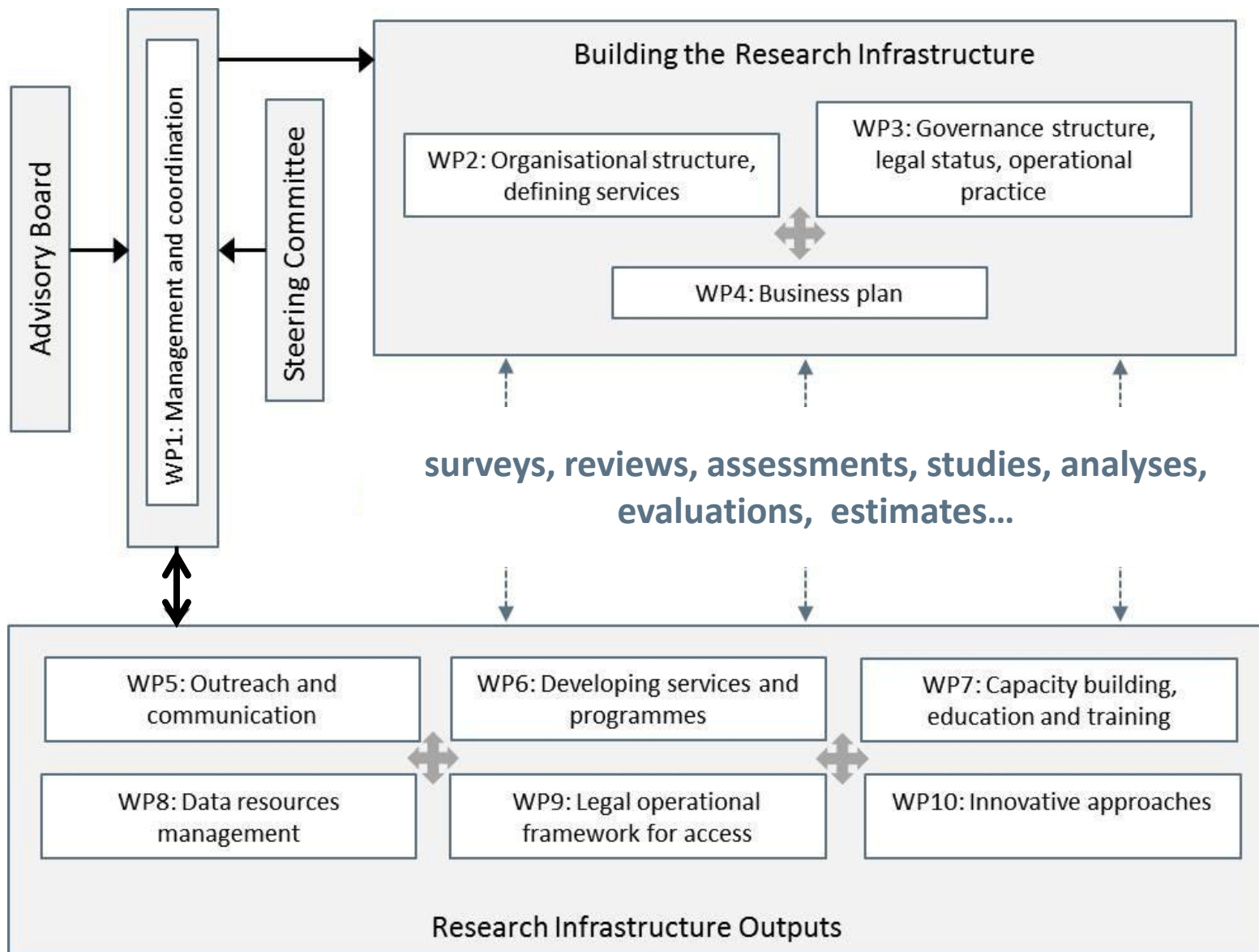
Communication 4: Regional level

- North America: USFCC
- South America: Brazil, Chile
- Africa: Kenya
- Australia: Atlas of Living Australia
- Middle Asia: Pakistan
- East Asia: East Asian Network, Brunei
- WFCC, WDCM

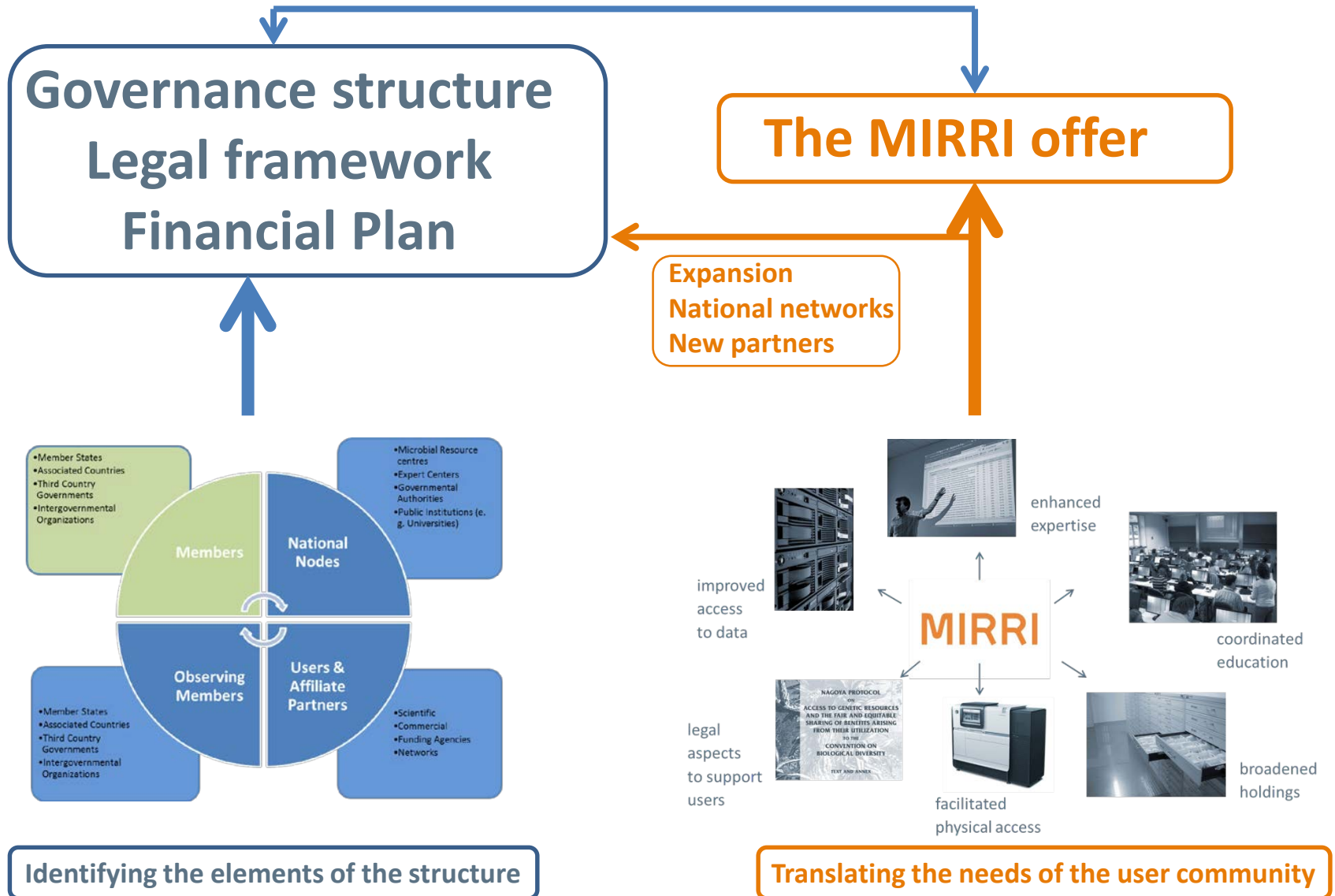


- ✓ Objectives, mandates, offer
- ✓ Communication
- Towards governance and infrastructure

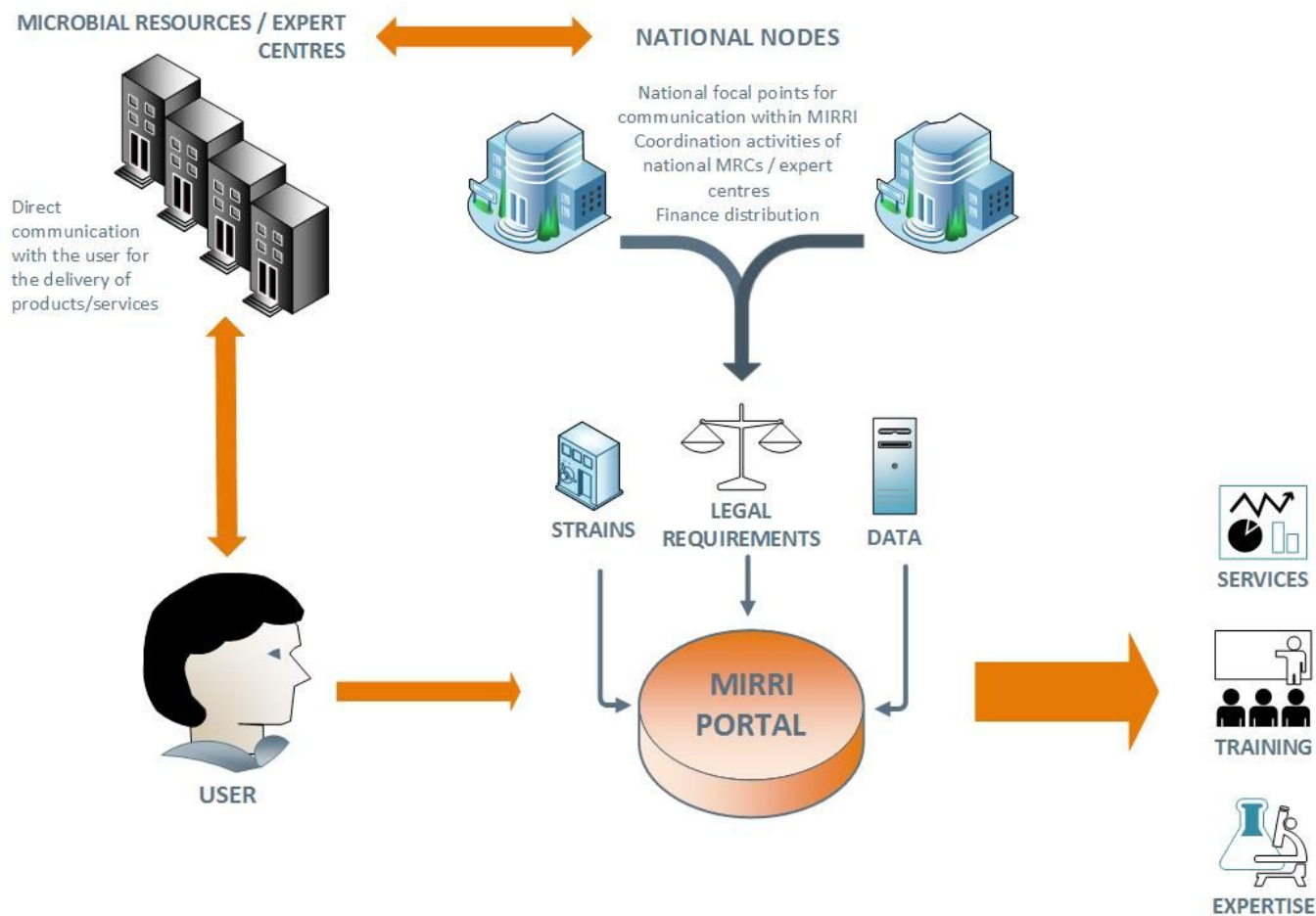
The MIRRI governance elements in PP



The building blocks of MIRRI

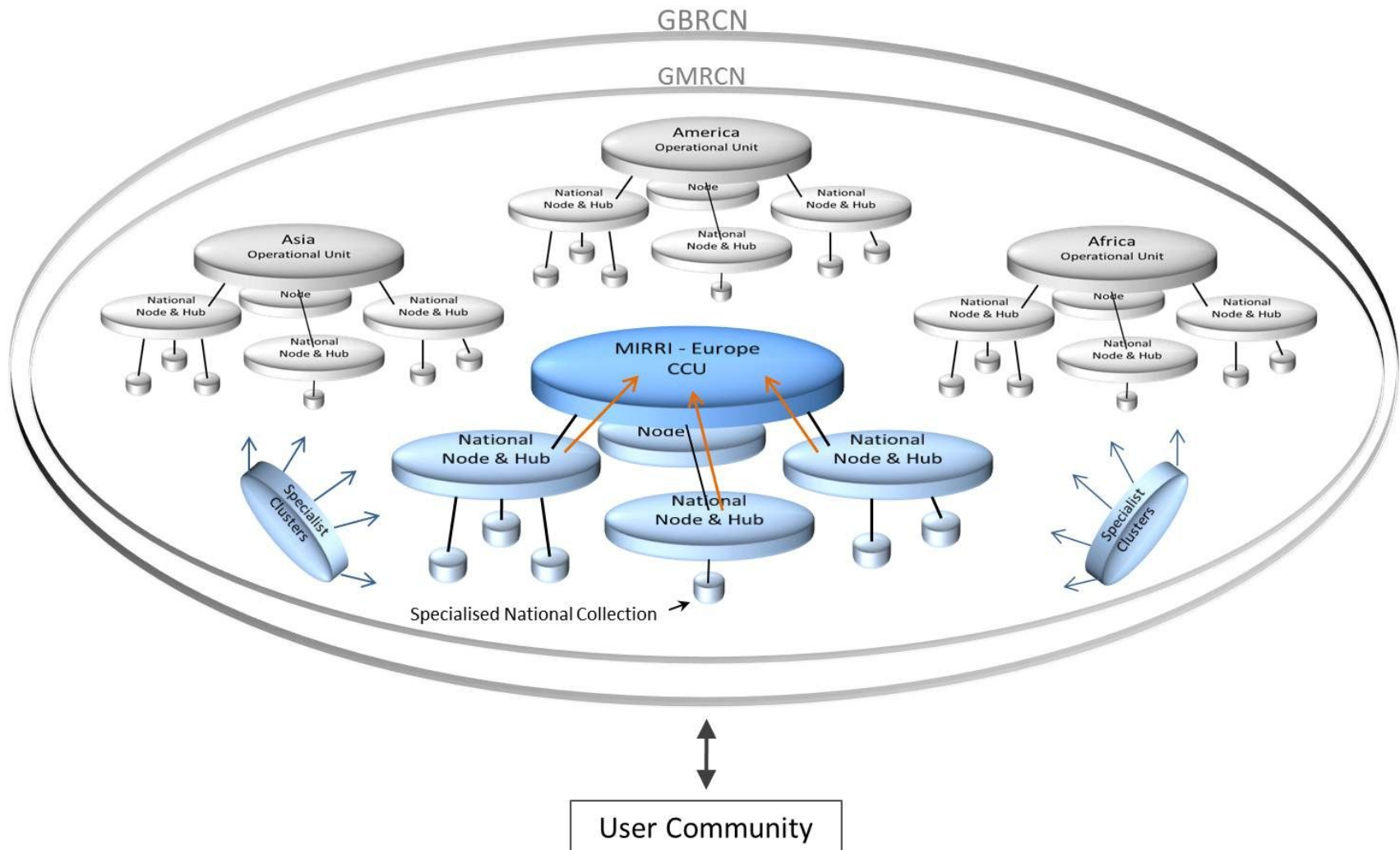


The MIRRI infrastructure*



*, See Poster WP2

MIRRI governance, infrastructure and global linkage



- ✓ Objectives, mandates, offer
- ✓ Communication
- ✓ Towards governance and infrastructure
- What has been achieved until month 18?

Towards designing the operational structure for MIRRI

- Draft Business Plan*
- First Iteration Business Case
- Defining a MoU
- First outline of Governance Structure
- Revised Financial Plan
- SC decision on Legal Structure (ERIC)
- Reflection on the Central Coordinating Unit
- Approaching national governing bodies
- Outlining membership criteria
- Organizing national networks
- Member of ISO Standard Development Committee

*D4.3 achieved



Coordination and harmonization of offers and expertise

- Elements of a multipurpose platform defined*
- Stakeholder analysis
- Communication with user clientele strengthened*
- Identifying user needs*
- Coordinating mBRC mandates
- Partner linkages intensified (regional, globally)
- Synergies with other ESFRI RIs well advanced
- Gap analysis of holdings and expertise
- Taxonomic expertise outside MIRRI identified
- Services assessment **

*D2.1, D5.4 achieved, **D6.7 postponed

The data offer and legal framework

- **Recognition: Linking data to resources is key to satisfy user needs**
- **Interoperability of data identified as one of the main MIRRI goals**
- **Agree on common formats***
- **Improve IT competence**
- **Linkage to ELIXIR**
- **Outline for a MIRRI policy for enhanced compliance with NP drafted***
- **Biosecurity 'Code of Conduct' for BRCs published**

***D8.1, 9.1 achieved**

- ✓ Objectives, mandates, offer
- ✓ Communication
- ✓ Towards a governance structure
- ✓ What has been achieved until month 18?
- What needs to be done?

SUMMARY

- The degree of fulfilment of the Deliverables is 83% (2 Deliverables of 12 re-scheduled)
- 90% of Milestones have been reached
- The disseminating knowledge and management aspects of project objectives are rated outstanding*
- The costs incurred were necessary for the implementation of the project
- The overall degree of fulfilment of the project plan is about 95%*
- The likelihood for achieving results, objectives and impact are very high

*, WP leader impression, Paris 06.06.2014

Future time line: Gantt

INFRADEV 2
→

Activity	2013	2014	2015	2016	2017	2018
Engage users						
Signature of MoU or letter of support						
Set up interim Governing Board						
Expand MIRRI's Advisory Board						
Central hub design						
Test the managerial conduits						
Finalise Governance structure						
Establish interim legal entity						
Seek commitments to funding						
Establish the MIRRI-ERIC						
Establish MIRRI: Implementation phase						
Establish MIRRI: Operational phase						

Work for the next 18 month

- Liase with national funding agencies
- Start with ERIC legal structure and its implications for MIRRI partners
- Complete Business Plan
- Define expert clusters
- Develop governance and infrastructure
- Complete financial plan for CCU
- Finalize strategies and turn them into action
- Define the role of partners (who is doing what)
- Complete financial plans for national nodes
- Define expert clusters
- Ask for extension (INFRADEV 2, early 2015)

A final independent opinion

Overall, the evidence suggests that, relative to alternative institutions, BRCs play a significant role in the accumulation of knowledge in the life sciences.

Furman JL, Stern S (2011) Climbing atop the Shoulders of Giants: The Impact of Institutions on Cumulative Research. American Economic Review 101: 1933–1963

Thank you

