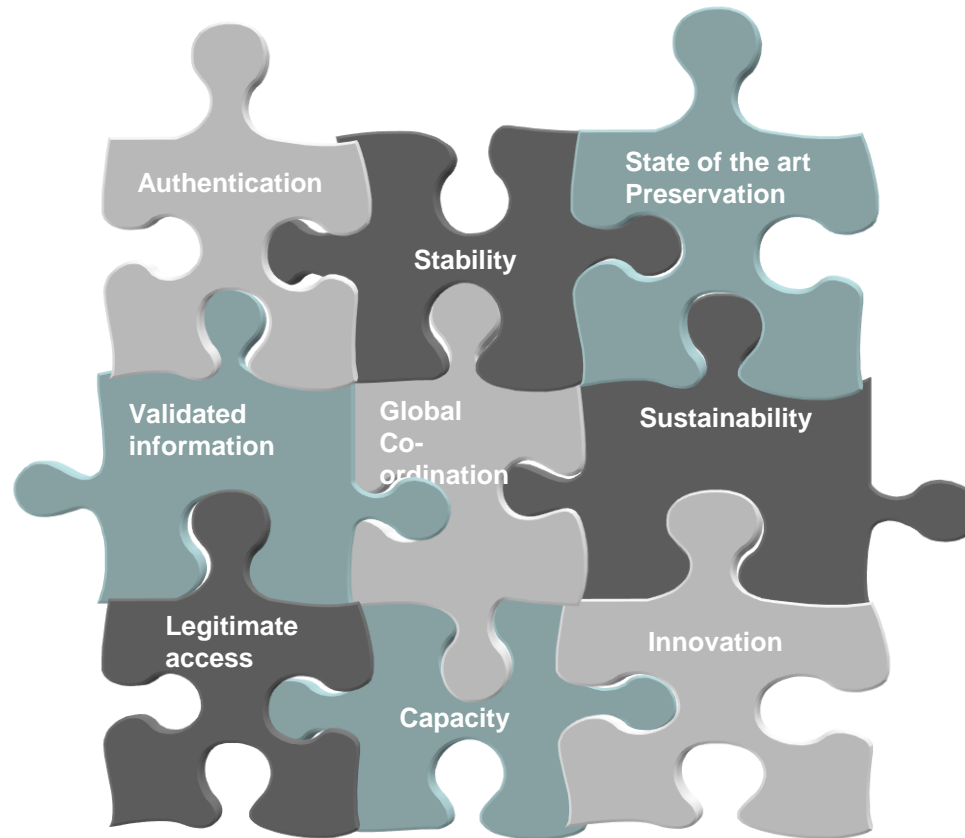


GBRCN and the WFCC

WFCC is a scientific forum for discussion and advice representing collections, collection staff and users



GBRCN an implementor and coordinator of common practice and standards; a network of BRCs

<http://www.gbrcn.org>

Survey of WFCC culture collections



The contribution of public networks to knowledge accumulation: Ex situ collections in microbial research: Per M. Stromberg, Tom Dedeurwaerdere, Unai Pascual (2010)

- **103 collections responded**
- **15% of their holdings were Type strains**
- **23% recipients in industry; 60% in academia or hospitals**
- **67% charge supply fee**
- **Funding: 15% receive no public funding; 11% receive 1-40% funding; 8% receive 41-60%; 13% are 61-80% funded; 54% receive more than 80% public funding**
- **Holdings sourced from other collections: between 1-17%**
- **38% received with some sort of MTA**
- **82% of the collections were in OECD countries**
- **10% in USA**

World Data Centre for Microorganisms (WDCM)



Country	Collections	Strains
Africa	11	15 266
Asia	197	517 668
Europe	195	656 319
America	137	445 346
Oceania	<u>43</u>	<u>90 366</u>
	583	1 724 965

Imbalance of number of collections and biodiversity richness

Does the WFCC deliver all that is needed: Lessons learned



- **Relies on individual voluntary input**
- **Needs**
 - Permanent employed staff
 - Mandate to implement common standards and procedures
 - Strong Governance
 - Manageable agreed action plan
 - Adequate funding
 - Strong linkage to users and policy makers
 - A strategy to encourage deposits
 - Co-ordination of tasks

- Develop a GBRCN information system a “**system of systems**”. Building on what is already there and accommodates that which is yet to come; adaptable, inclusive and accessible
- The GBRCN has to play a **role in the access and benefit sharing arrangement** ensuring traceability and accountability
- Management of brokering value
- Get the **messaging right about why countries and culture collections** should join the GBRCN