



Distributed System of Scientific Collections



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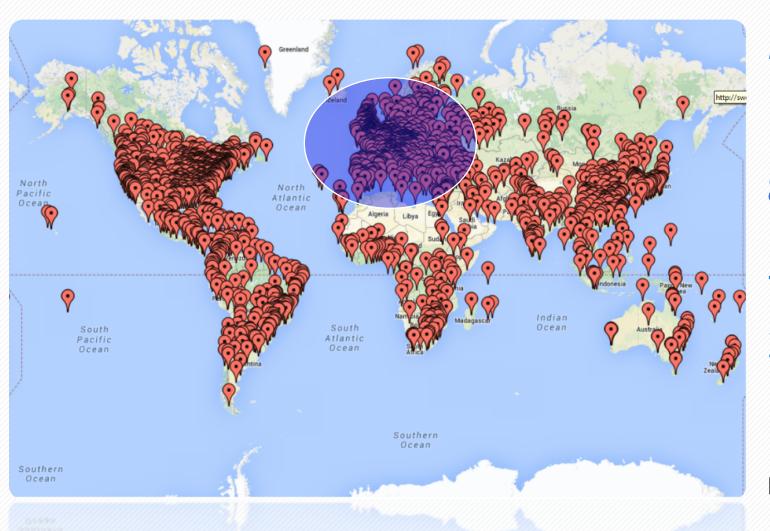
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Europe: the global leader

55% of the world's assets with rich historical and global distribution



European Collections:

1.5 billion specimens

80% of world's species

5,000 Scientific FTEs pa

25,000 scientific visitors pa

10 million public visitors

ра

25 million web visitors pa



115 National Facilities21 Countries



- Largest ever formal agreement
 between natural science collection
 facilities
- A system of distributed facilities
- Centralised shared governance model

a new business model: ONE EUROPEAN COLLECTION

- One European Collection of scientific assets
- Common Collections development strategy
- Economies of scope and scale
- Monitoring impact of collections (documenting ROI)
- Specialisation strategies

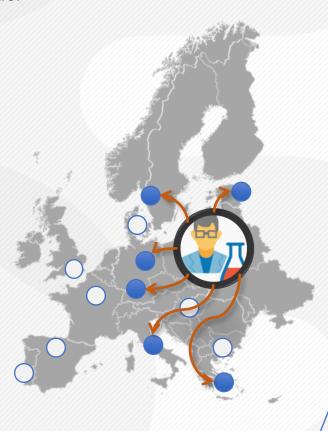
 (e.g. in alignment with national priorities, e.g. Smart

 Specialisation Strategies)
- Joint Research Agendas

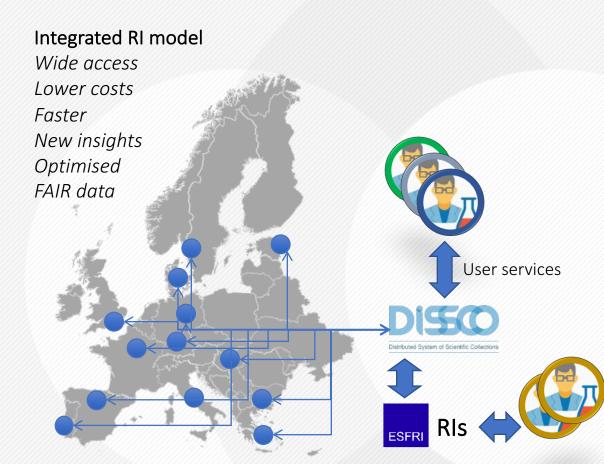
Link dispersed information & Lower access barriers

Current model

Slow Expensive Inefficient limited



Example of current mode of operandi
25,000 researchers travel every year to
physically access scientific collections and
800k objects are packed and shipped (at
an annual public cost of more than €70M)



The first mass scale initiative to re-unite and serve genomic, chemical, geographical, morphological and taxonomic information and link it to collections objects



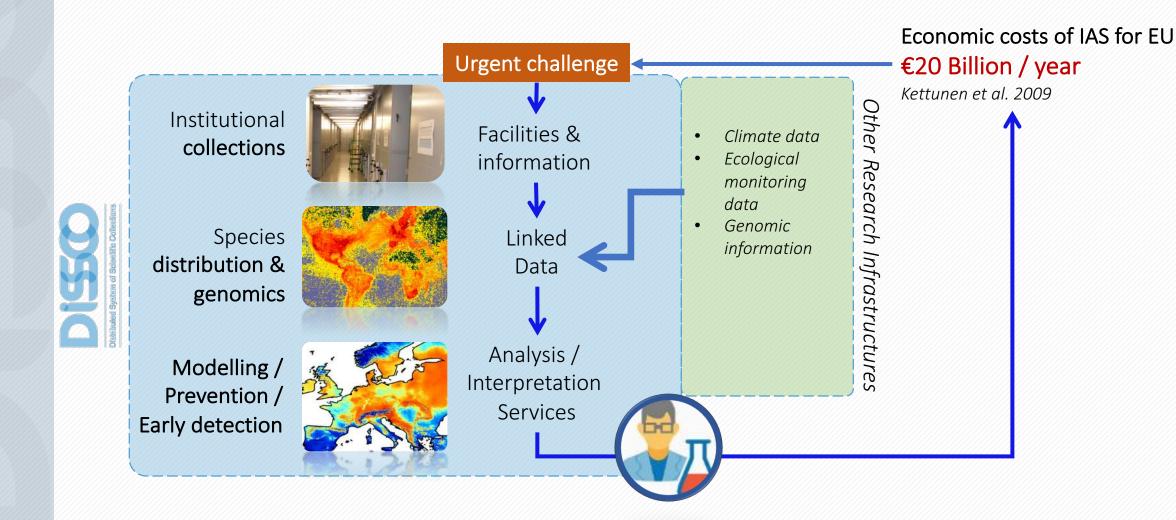
Case study – Invasive Alien Species

UN Sustainable Development Goals (Target 15.8)

EXAMPLE: Alligator Weed

(Alternanthera philoxeroides)
Negative impact on native species, ecosystem
services and infrastructure





DiSSCo service portfolio by 2025



e-Science services

A one-stop shop for services providing unified discovery, access, interpretation and analysis of complex linked data

Physical and remote access services

A universal harmonised physical access service and digitisation on demand service

Support & Training services

Integrated user support desk and implementation of multi-modal training programmes to enhance skills & competencies

