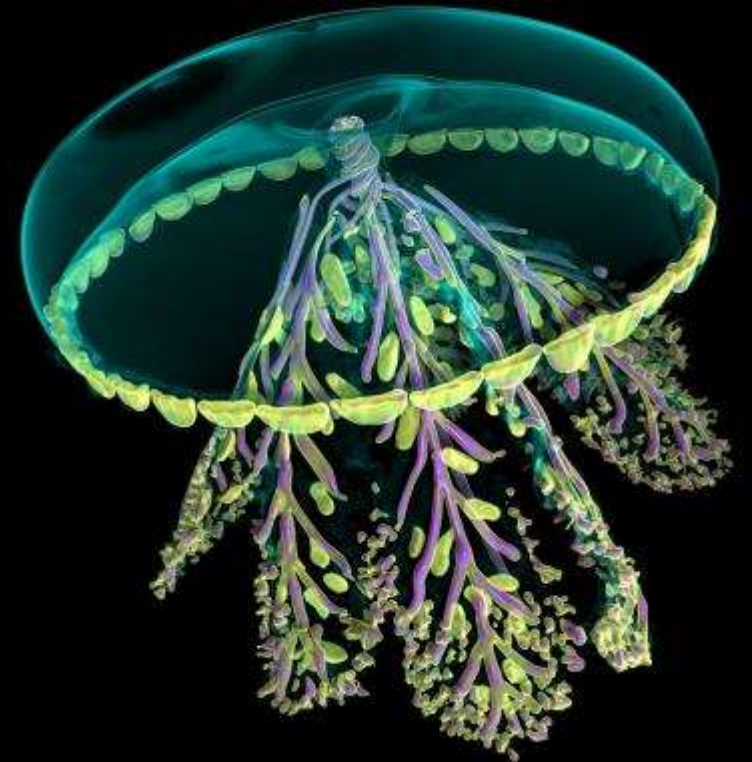


# Work package 6

## JRA1: Optimisation of Access

Wouter Addink, Naturalis



## Primary objective: to develop ELViS the unified European Loans and Visits System, a DiSSCo e-Service

To unify access requests  
to all specimens in  
collections in Europe

To integrate a live data  
dashboard reporting on  
collections data and access

To deliver improved  
management on loans and  
for digitisation on demand  
workflows





## European Loans and Visits System

- Single sign-on (ORCID integration & IAA pilot)
- Researchers' profiles to ensure credibility
- Faceted discovery of collections material across participating facilities
- Online applications of Transnational and Virtual Access plus helpdesk
- Online applications for loans and monitoring of loans
- Digitisation on Demand workflows support
- Reporting on specimens demand by loans over time with a live data dashboard
- Testbed for DS Architecture with CORDRA & DOIPv2

### Task 6.1

- **System architecture design of The ELViS system**
- Lead: Naturalis
- Milestones MS47,48,49
- Deliverables D6.1 + D6.2
- Month 1-39
- Design to build on DSarchitecture developed in ICEDIG, Authentication and Authorization Infrastructure (AAI) based on AARC for compatibility with EOSC, integrate with ORCID, replace SYNTHESYS Access request system and support DoD workflow and dashboard



### Task 6.2

- **ELViS components development**
- Lead: Picturae
- Milestones MS 50,51
- Deliverables D6.3 + D6.4
- Month 10-36
- Incremental development of ELViS as open source software based on the designs from task 6.1, experimenting with CORDRA as core part of the Digital Object Architecture,
- First version month 12-24: delivery of functionality for TA and VA processes (workflows described in T7.1)
- Second version month 30-36: adding dashboard functionality with monitoring and reporting



### Task 6.3

- **Testing and integration of workflows**
- Lead: NRM
- Milestone MS 52
- Deliverables D6.5 + D6.6
- Month 10-42
- Incremental testing of the ELViS developed components against T7.1, T2.2 and T2.4 requirements,
- pilots with DINA and Colhelper to test integration,
- specification of requirements for local systems (CMS, loan administration) to be compatible with ELViS in the future.



### D 6.1

- **Inventory and Analysis of Dataflows**
- Report (public)
- Produced in: T6.1
- Lead: Naturalis
- Due: M18 (31 July 2020)



### D 6.2

- **Piloting Access through an AAI infrastructure**
- Report (public)
- Produced in: T6.1
- Lead: GRNET
- Due: M39 (29 April 2022)



### D 6.3

- **ELViS Helpdesk**
- Demonstrator (public)
- Produced in: T6.2
- Lead: Picturae
- Due: M24 (Jan 2021)



### D 6.4

- **ELViS System for Unified Access**
- Demonstrator (public)
- Produced in: T6.2
- Lead: Picturae
- Due: M42 (31-1-2022)



### D 6.5

- **Specification and requirements for integration with ELViS**
- Report (public)
- Produced in: T6.3
- Lead: NRM
- Due: M39 (2-5-2022)



### D 6.6

- **Results of pilot workflow integrations with ELViS Report (public)**
- Produced in: T6.3
- Lead: Naturalis
- Due: M42 (1-8-2022)





## Dissemination Plans



ELViS unified  
access service  
online & registered in  
service catalogs



ELViS Integration  
Specification  
distributed to CMS and loan  
administration providers



Results of pilot  
integrations  
publication



Presentations in partner  
networks and  
international meetings,  
social media



## European Loans and Visits System

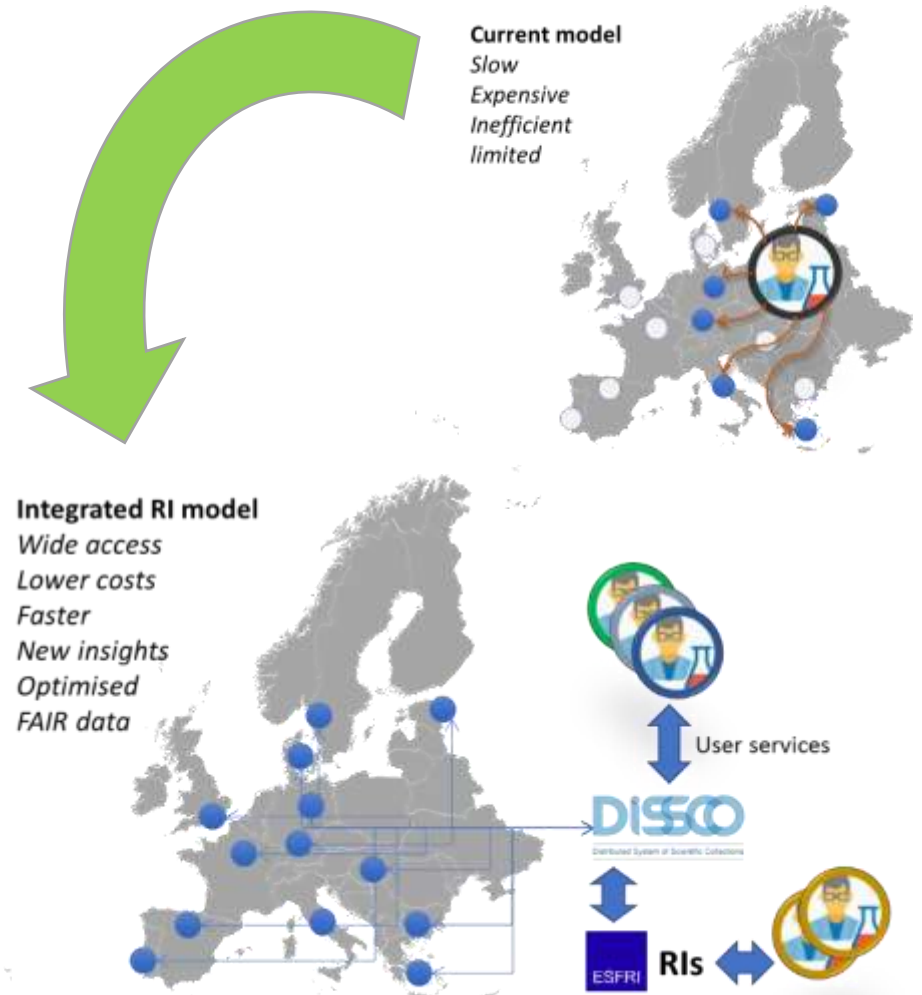
Integrated system for Europe to support loans, visits, applications for Access, and to track outputs.

A future service in the European Open Science Cloud (EOSC)



DiSSCo e-Service for unified access to European collections



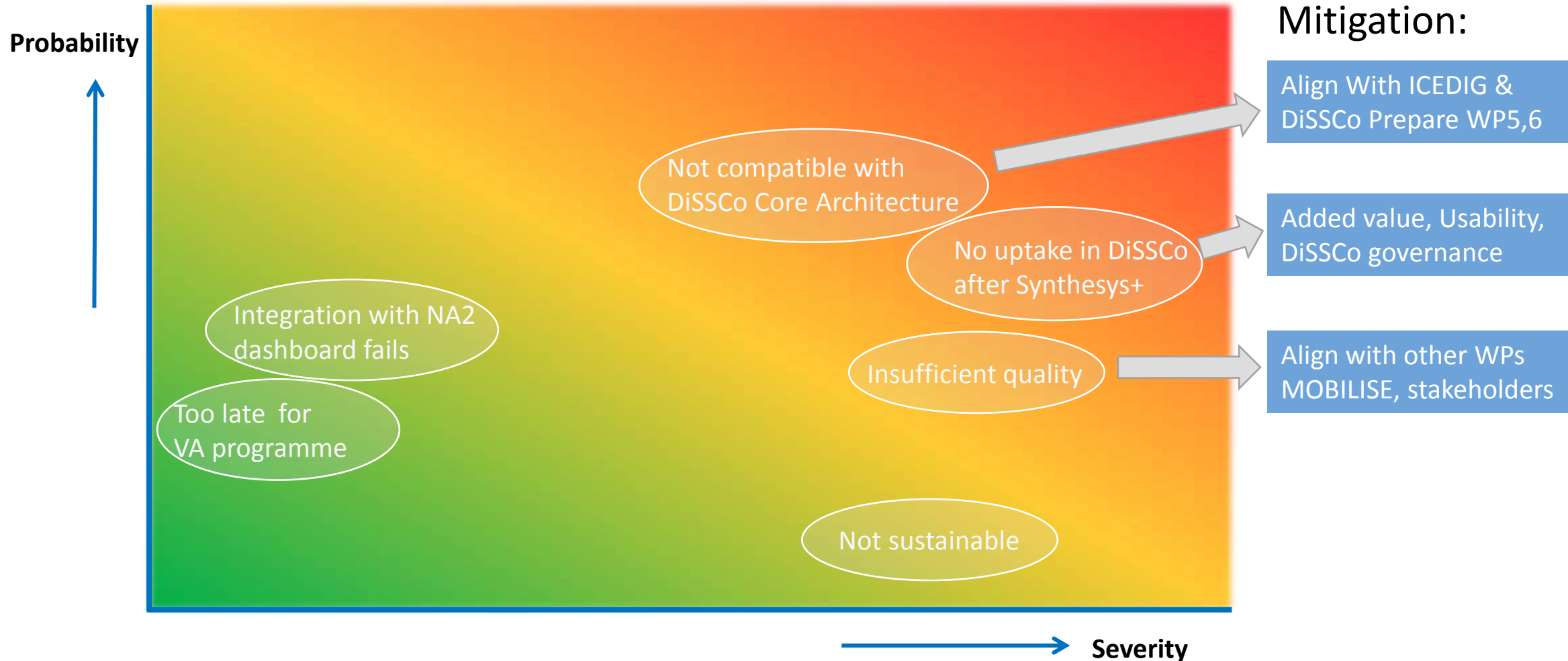


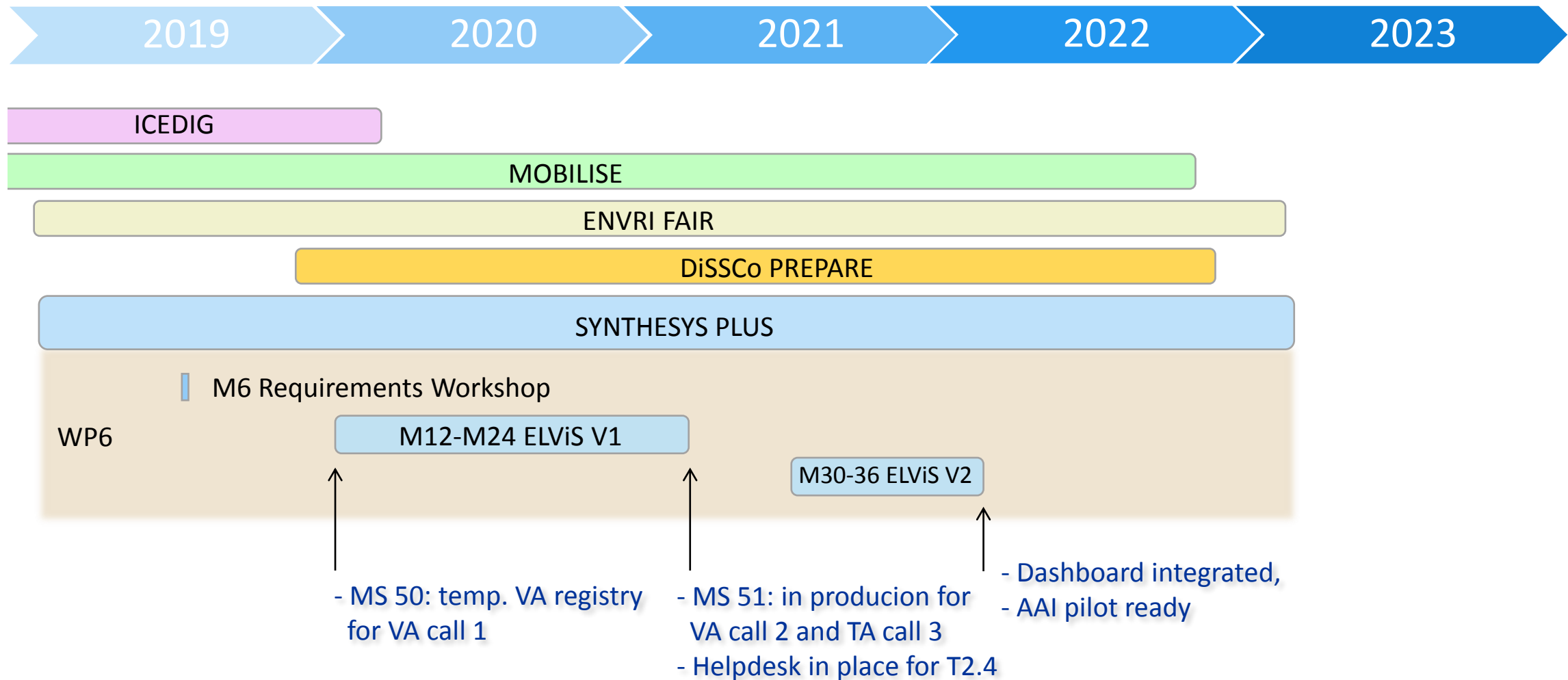


## Meetings & stakeholders

- Planned meetings:
  - WP6 kick-off teleconference
  - weekly WP6 task leaders teleconference
  - Workshop for ELViS System Design (MS47), month 6, jointly with MS25
  - Workflow integration workshop (MS52), month 13
- Key stakeholders
  - WP6 partners: **Naturalis, Picturae, NRM, NHM, MNHN, GRNET, MfN, NHMW, RMCA, BGM, CETAF, NMP, SGN, CSIC, LUOMUS, HCMR, HUJI, TDWG, RBGE**
  - TA and VA Facilities
  - DiSSCo partners, scientists, industry, RDA, TDWG, GBIF, CoL, CETAF

## Risks and issues





**Thematic group 1**

Policy harmonisation &  
International  
coordination

**Thematic group 2**

Standards and other  
common resources

**Thematic group 3**

Data models,  
management, publishing  
pipelines & services

**Thematic group 4**

Digitisation

**Thematic group 5**

Training & capacity  
enhancement

CETAF WGs

- E-Pub
- BioMON
- L&R
- ISTC

MOBILISE

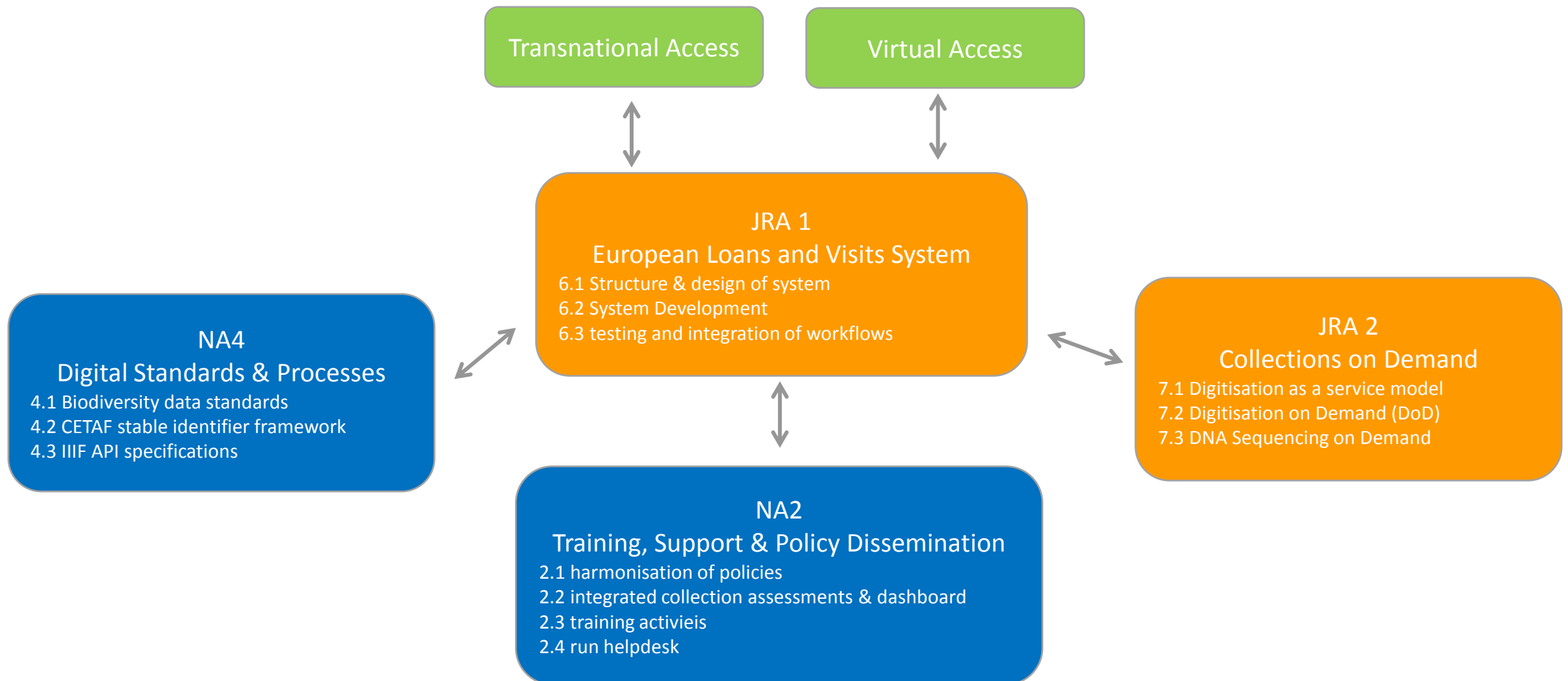
WG 3, 4, 5

ICEDIG

WP 2, 5, 6, 8

DiSSCo PREPARE

WP 5, 6





**Any questions?**

