

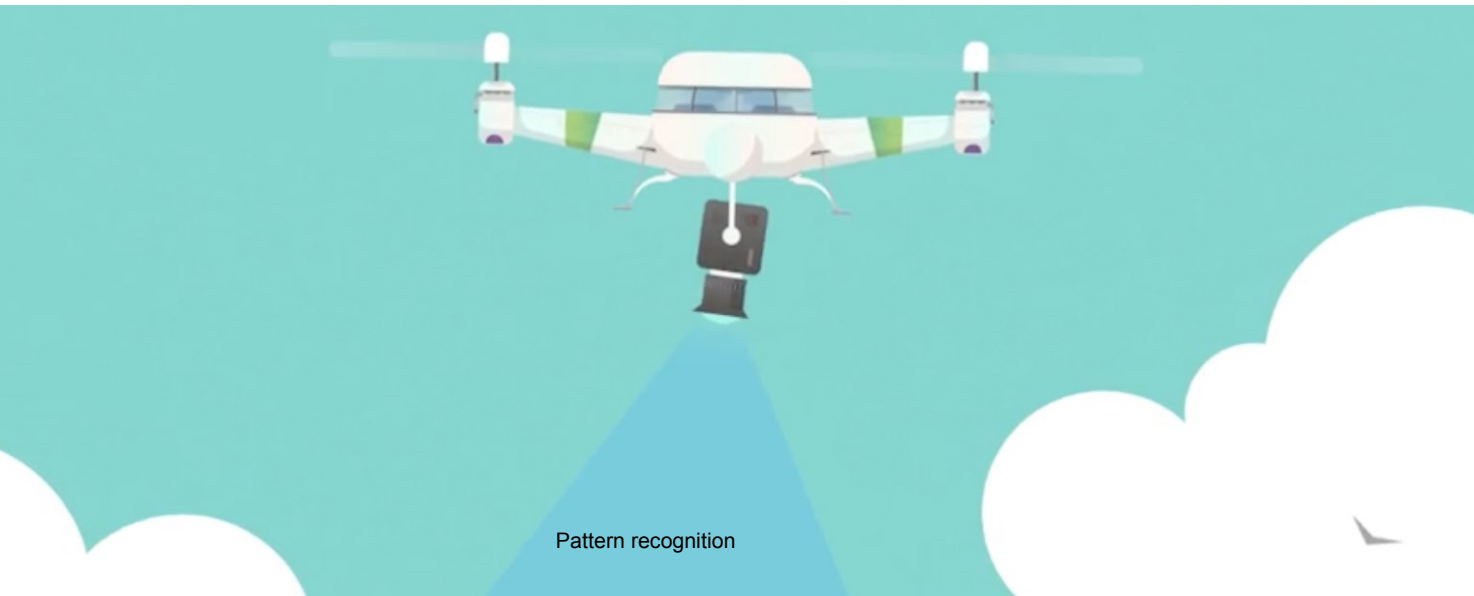


# Realising the European Open Science Cloud

First report and recommendations  
of the Commission High Level Expert Group  
on the European Open Science Cloud



<https://vimeo.com/162062013>





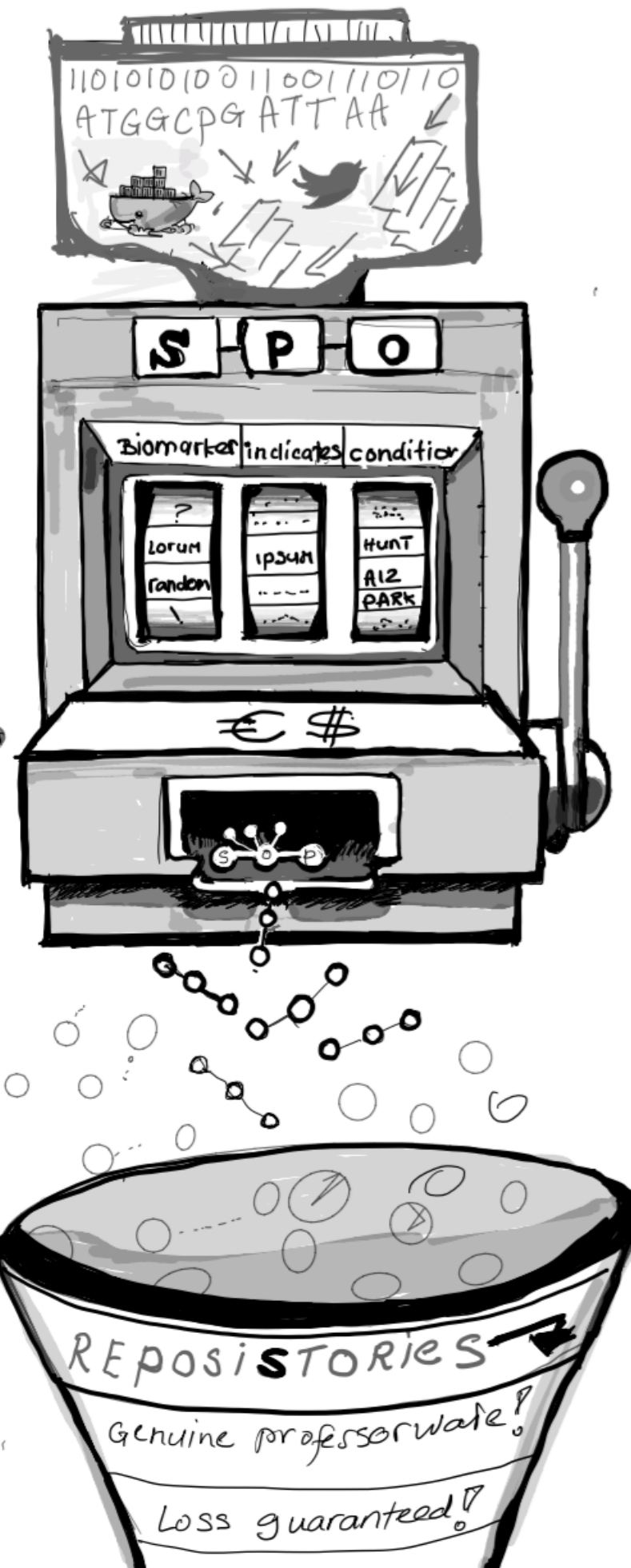






Discount on:  
Spurious correlations  
Ridiculograms

Not in stock:  
Reproducible results  
Actionable knowledge





## EOSC: ‘Internet approach’

- **Minimal** international guidance and governance
- **Maximum** freedom to implement.
- **Globally** interoperable and accessible
- **Globally** embedded in a ‘**Commons**’





## EOSC: **Scope**

- **Human expertise**
- **Core resources**
- **Standards, Best Practices**
- **Underpinning technical infrastructures**
- **A web of Data and Services**



# G20 HANGZHOU SUMMIT

HANGZHOU, CHINA 4-5 SEPTEMBER

**'We support appropriate efforts to promote open science and facilitate appropriate access to publicly funded research results on findable, accessible, interoperable and reusable (FAIR)'**







# **Global Open FAIR (GO FAIR)**

Implementation Nodes

A lightweight, international kick-start of

the

**Internet of FAIR data and services**

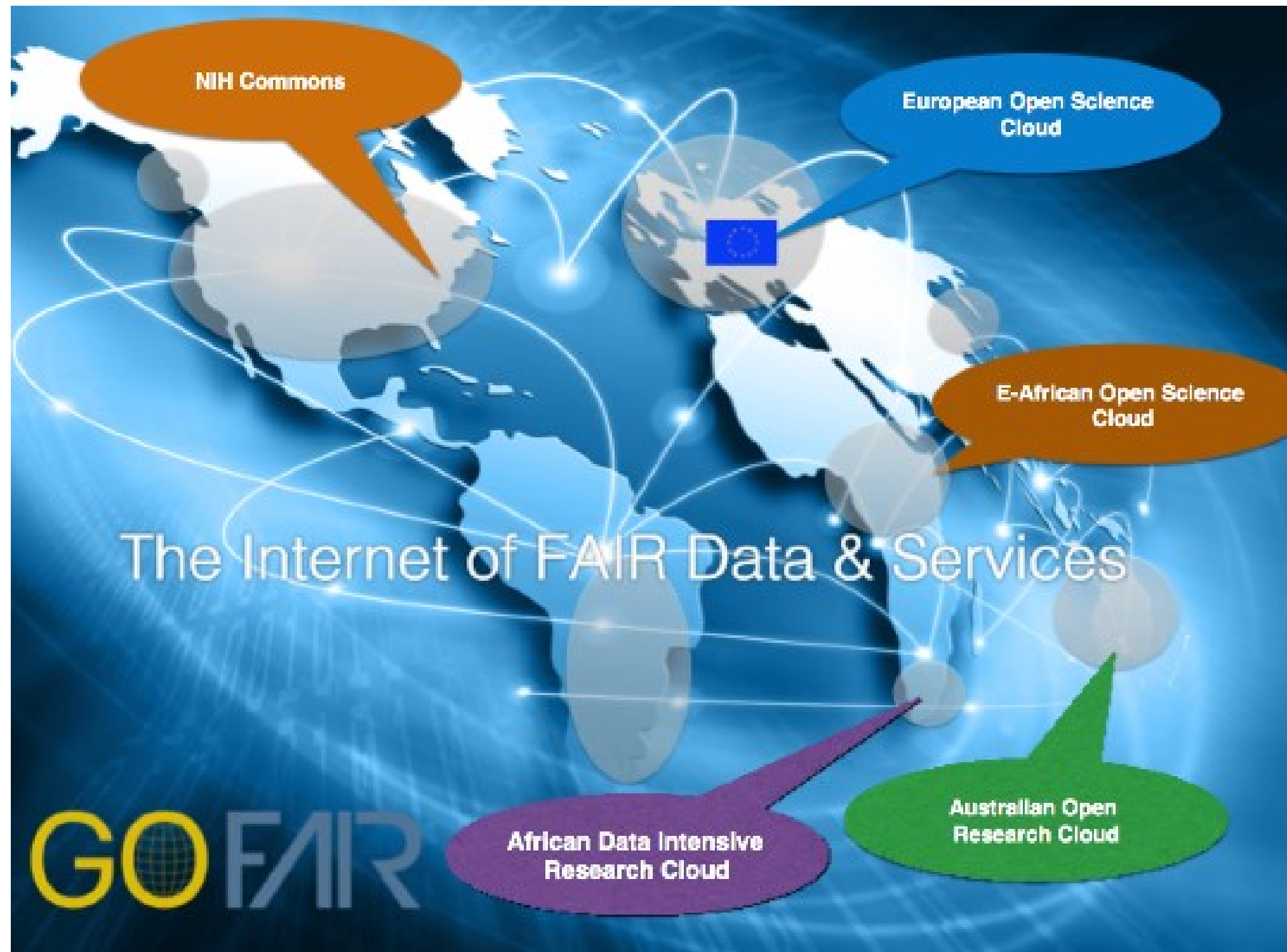


**EOSC**pilot

The European Open Science  
Cloud for Research Pilot Project

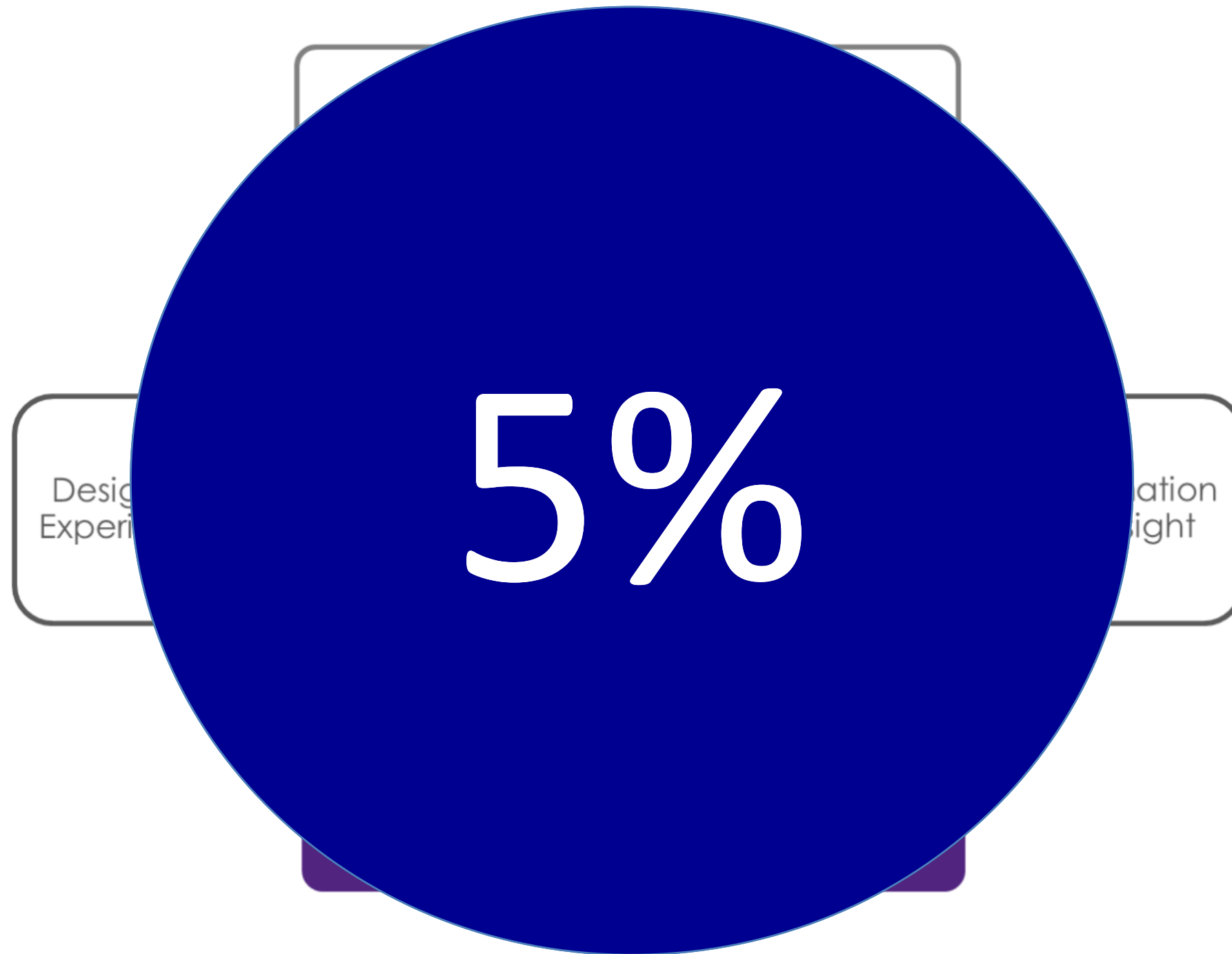
The European Open Science Cloud for Research pilot project (EOSCpilot) project is supporting the first phase in the development of the European Open Science Cloud (EOSC) as described in the EC Communication on European Cloud Initiatives [2016].

A federation of interoperable research infrastructures worldwide





# The Data Stewardship Cycle





# The Future of FAIR Data Stewardship



**OPEN RESEARCH  
DATA**  
IN HORIZON 2020

## RESEARCH DATA - OPEN BY DEFAULT



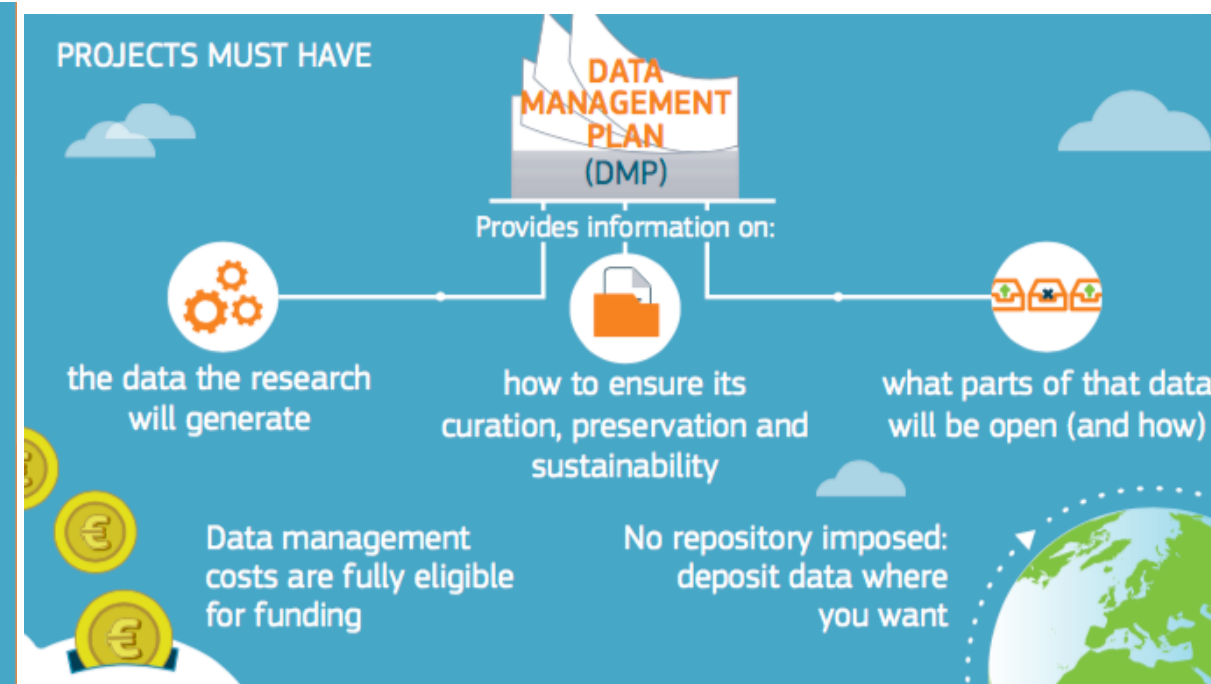
## HORIZON 2020 GRANTEES ARE REQUIRED

take measures to ensure open access to the data underlying their scientific publications

provide open access to any other research data of their choice

Horizon 2020 grantees are encouraged to also share datasets beyond publication

## PROJECTS MUST HAVE

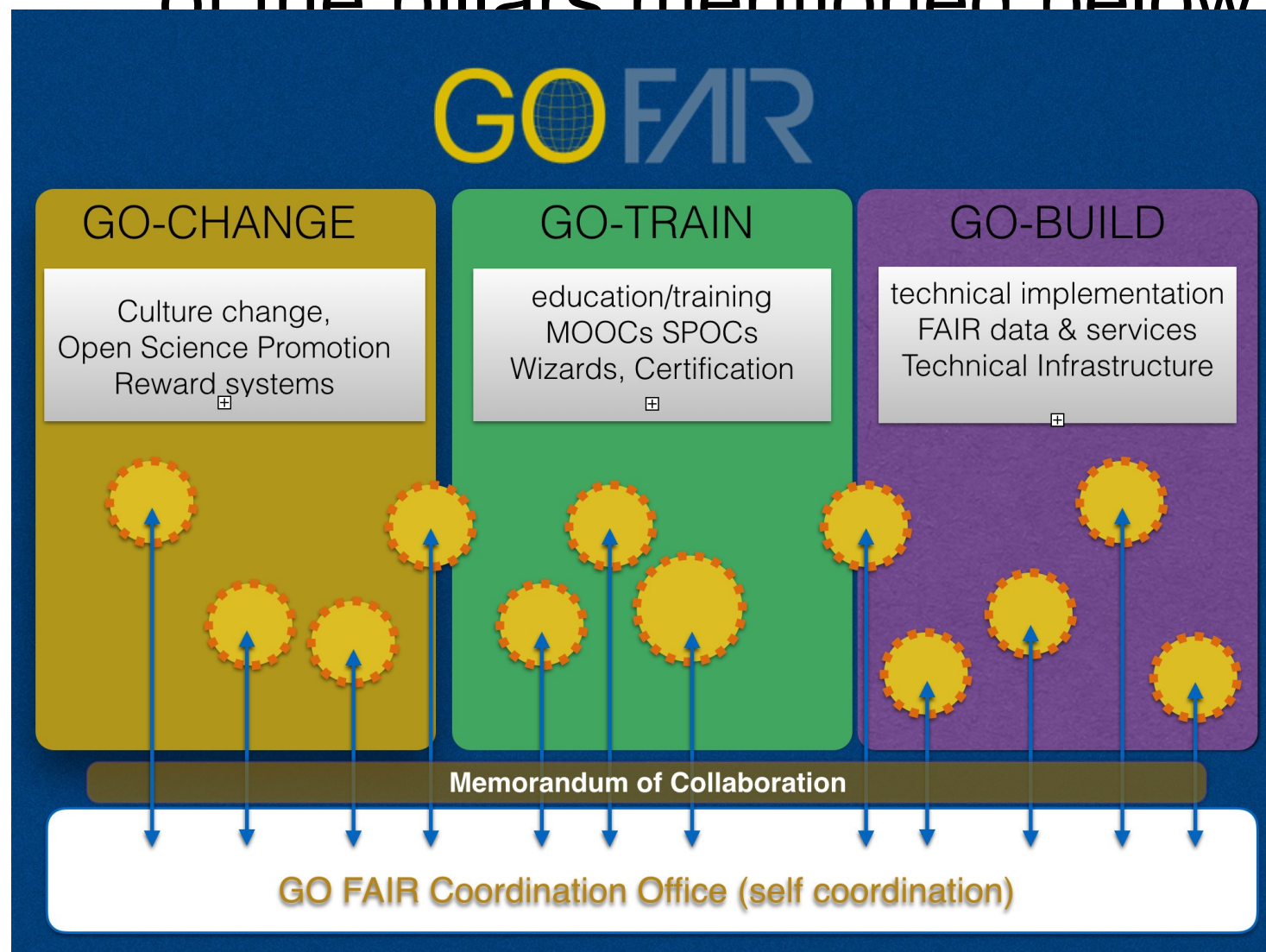


5%

FAIR



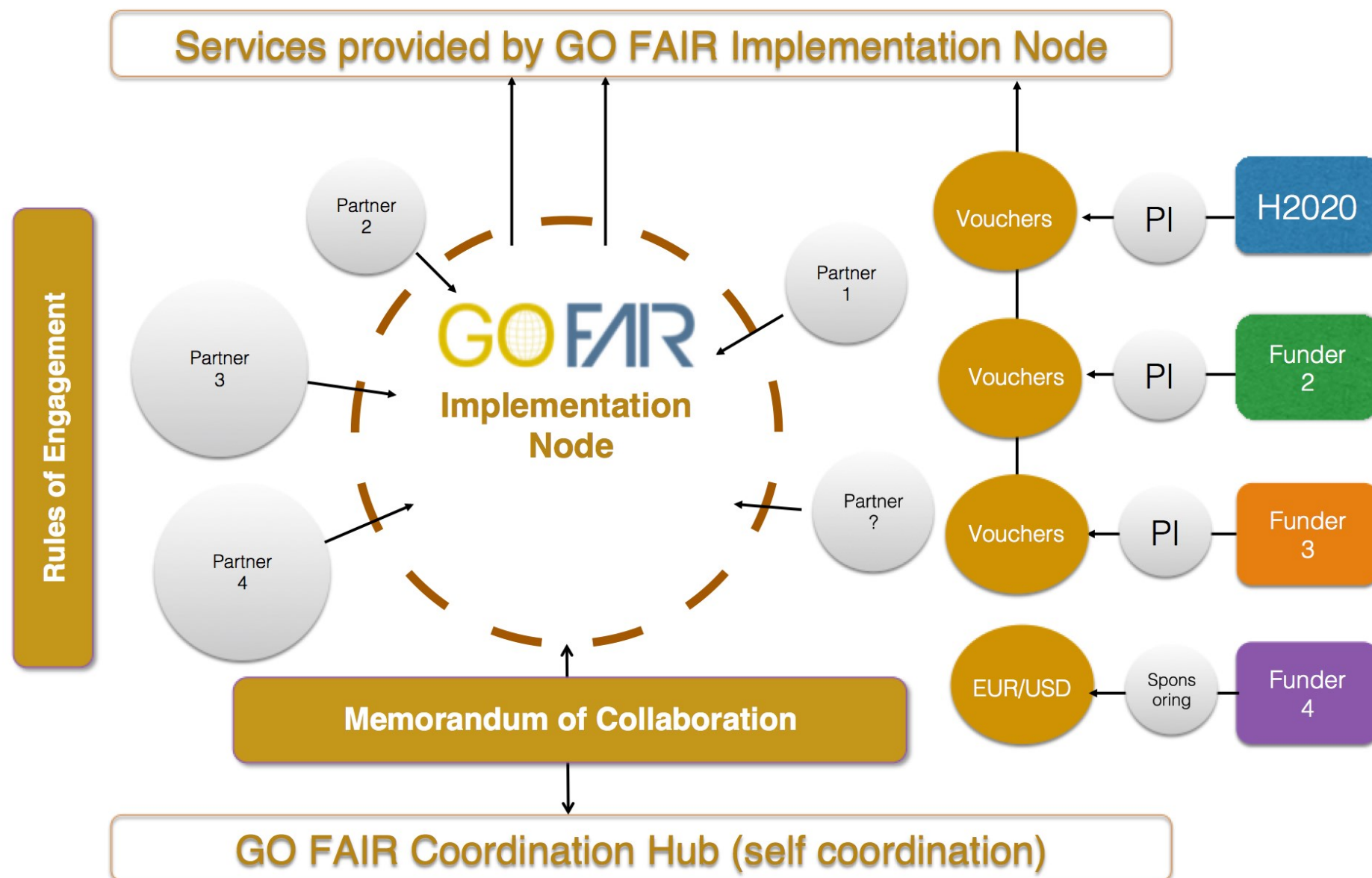
Bottom up, Network and 'Hub' based and for all three  
of the pillars mentioned below:



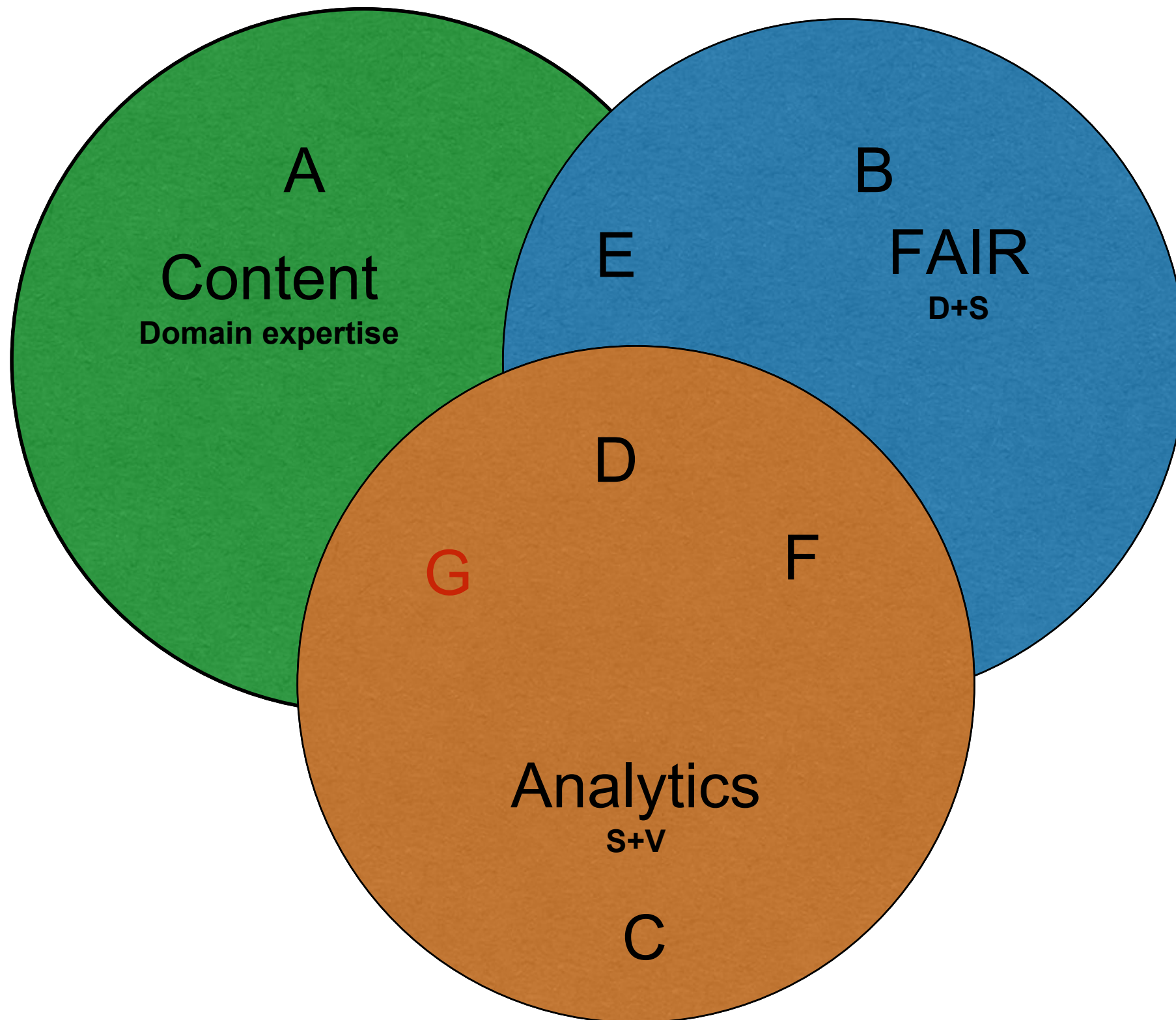
Cultural change, education and training as well as  
building technical components of the IFDS



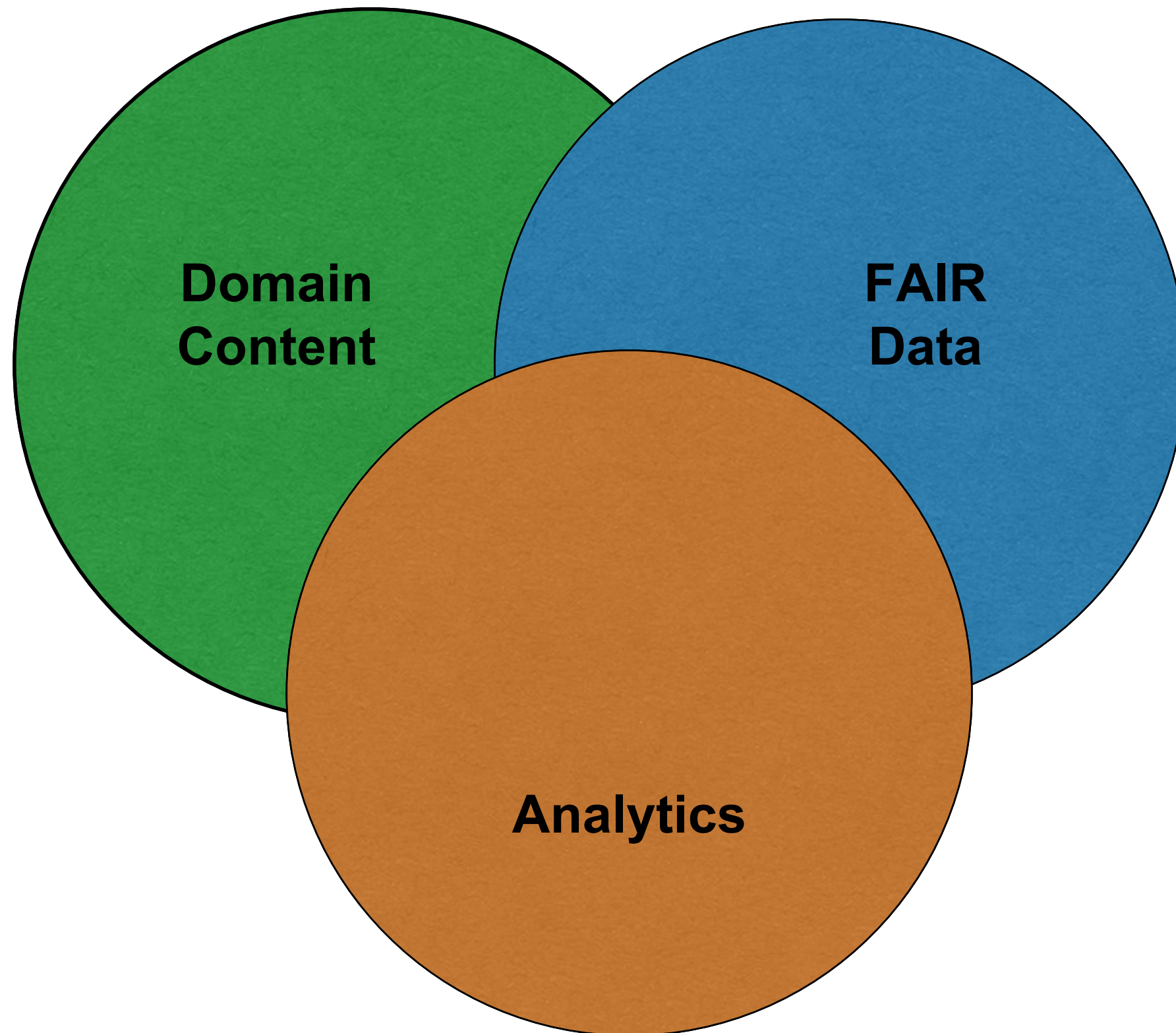
Partners sign a **Memorandum of Collaboration**  
(we tell each other what we do) and adhere to  
**Rules of Engagement**



# A generic model for the establishment of Nodes

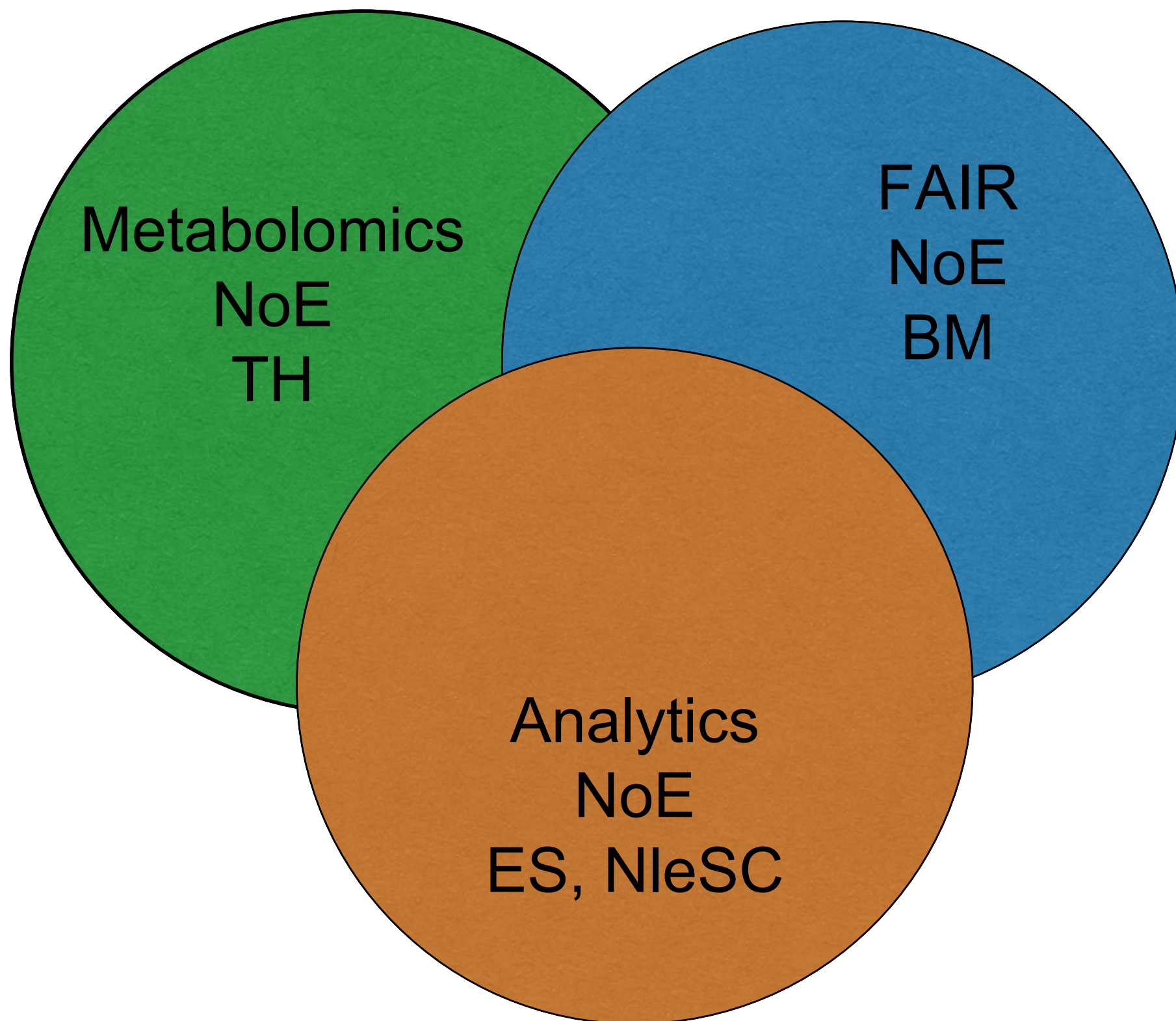


d, FAIR services based or Analytics based, but the strongest need





# The exemplar Metabolomics node in NL





Join the discussions and contribute to the plans at:

<http://www.dtls.nl/go-fair/>