

# GO FAIR helps Open Science go far

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# What is GO FAIR?

- a bottom-up up **G**lobal, **O**pen Initiative
- aiming at the 'Internet of FAIR data and services'
- inspired by the EOSC vision in the HLEG-report
- based on 'implementation networks' (currently 13 in the making)
- as such it is a major early contribution to the realisation of the EOSC

# What is GO FAIR?

- the EOSC has aspects that are not (GO) FAIR related
- on the other hand GO FAIR is broader (global)
- in first the instance: Netherlands, Germany, France
- in the SECOND instance, countries became involved at the research council and ministerial level



# Realising the European Open Science Cloud

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

European

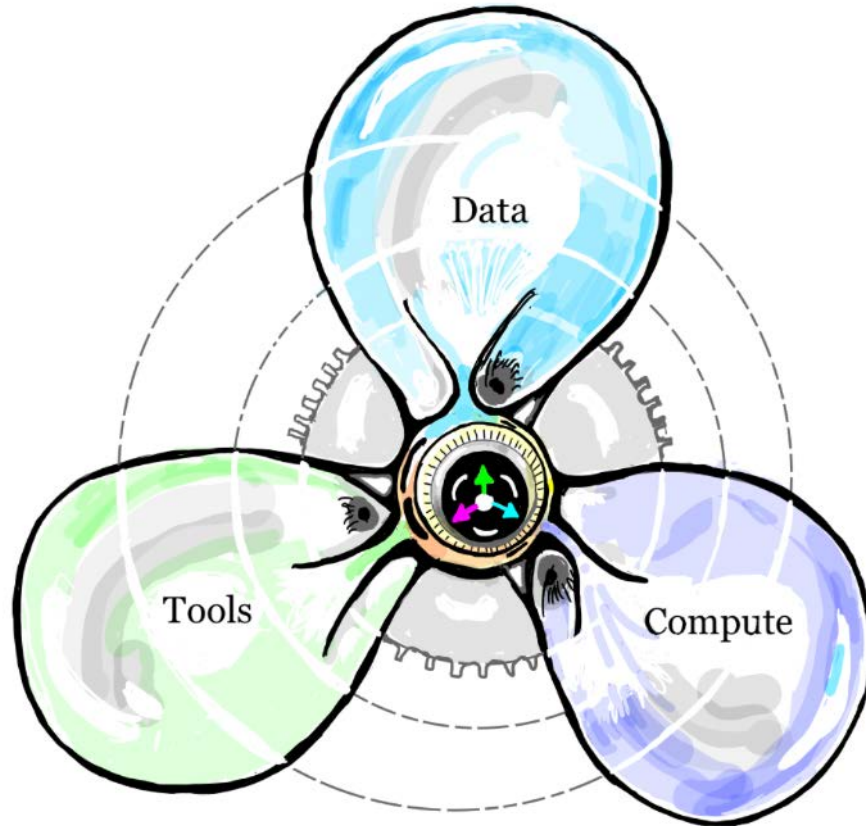
Open

Science

Cloud



# The Internet of FAIR data and Services





# *Personal Health Train*



# GO FAIR: a bottom-up international approach

for the practical implementation of the European Open Science Cloud (EOSC) as part of a global Internet of FAIR data and services.as part of a global Internet of FAIR data and services.

## Context of GO FAIR

Watch videos



### Vision

Fostering the coherent development of the global Internet of FAIR Data and Services (IFDS) with the main focus on early developments in the European Open Science Cloud (EOSC).

[LEARN MORE](#)

### Strategy

GO FAIR follows a bottom up, open, implementation strategy for the technical governance and funding needed to establish the first phase of the European Open Science Cloud (EOSC) as part of a broader global Internet of FAIR Data & Services. The approach is largely based upon the EOSC communication and the recommendations of the High Level Expert Group.

[LEARN MORE](#)

## What is in for you?



### IMPLEMENTATION NETWORKS

Implementing the Internet of FAIR Data & Services



### TRAINING

Training the FAIR data stewards



### TECHNOLOGY

Building the technical infrastructure



### CERTIFICATION

Certification criteria for GO FAIR compliance

[www.go-fair.org](http://www.go-fair.org)

# What is GO FAIR for?

- to kick start the development of the IFDS supporting the EOSC
- to federate the 'gems' in the MS and beyond
- to coordinate and support Implementation Networks that form its components in three main categories (called pillars)

**GO CHANGE:** (policies, funding mechanisms, rewards etc.)

**GO TRAIN:** (data stewards for 'incompetent' researchers)

**GO BUILD:** (components)



## Governance recommendations of the HLEG EOSC

G1: Aim at the **lightest possible**, internationally effective governance.

G2: Guidance **only** where guidance is due.

G3: Define **Rules of Engagement** for formal participation in the EOSC.

G4: Federate the **Gems across Member States**.

GO FAIR will obviously also honour the P and I recommendations of the HLEG

advocacy

operations  
International Support and Coordination Office (GFISCO)  
training

technique

community  
coordinators

community  
coordinators

community  
coordinators/teams

IN

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policy, DS plans, next gen metrics etc.

training, certification, standards etc.

core technology, data, tools, compute.

## GO CHANGE

- Culture change
- Open science promotion
- Reward system

## GO TRAIN

- Education/training
- Certification

## GO BUILD

- Technical implementation
- FAIR data & services
- Technical infrastructure



# How can GO FAIR help OS?

- Lead from territorial fights to fruitful collaboration
- Act as an attractor and a convergence mechanism
- Create the infrastructure needed for OS

# How to avoid....



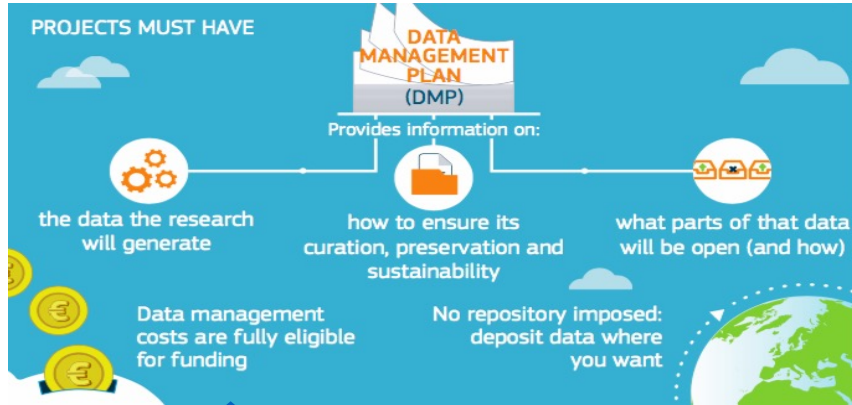
## ...HLEG on EOSC

# Whereto will GO FAIR develop?

- it will try to be a major attractor and converger based on a series of implementation networks
- each of which realizes one or more aspects (Change, Train, Build) of the EOSC and the wider IFDS
- this in close collaboration with RDA in many countries and with CODATA and others
- open to all, also ESFRIS etc, but with the limited scope to kick-start, not to finally implement the IFDS



# The Future of FAIR Data Stewardship



5%

FAIR

## RESEARCH DATA – OPEN BY DEFAULT



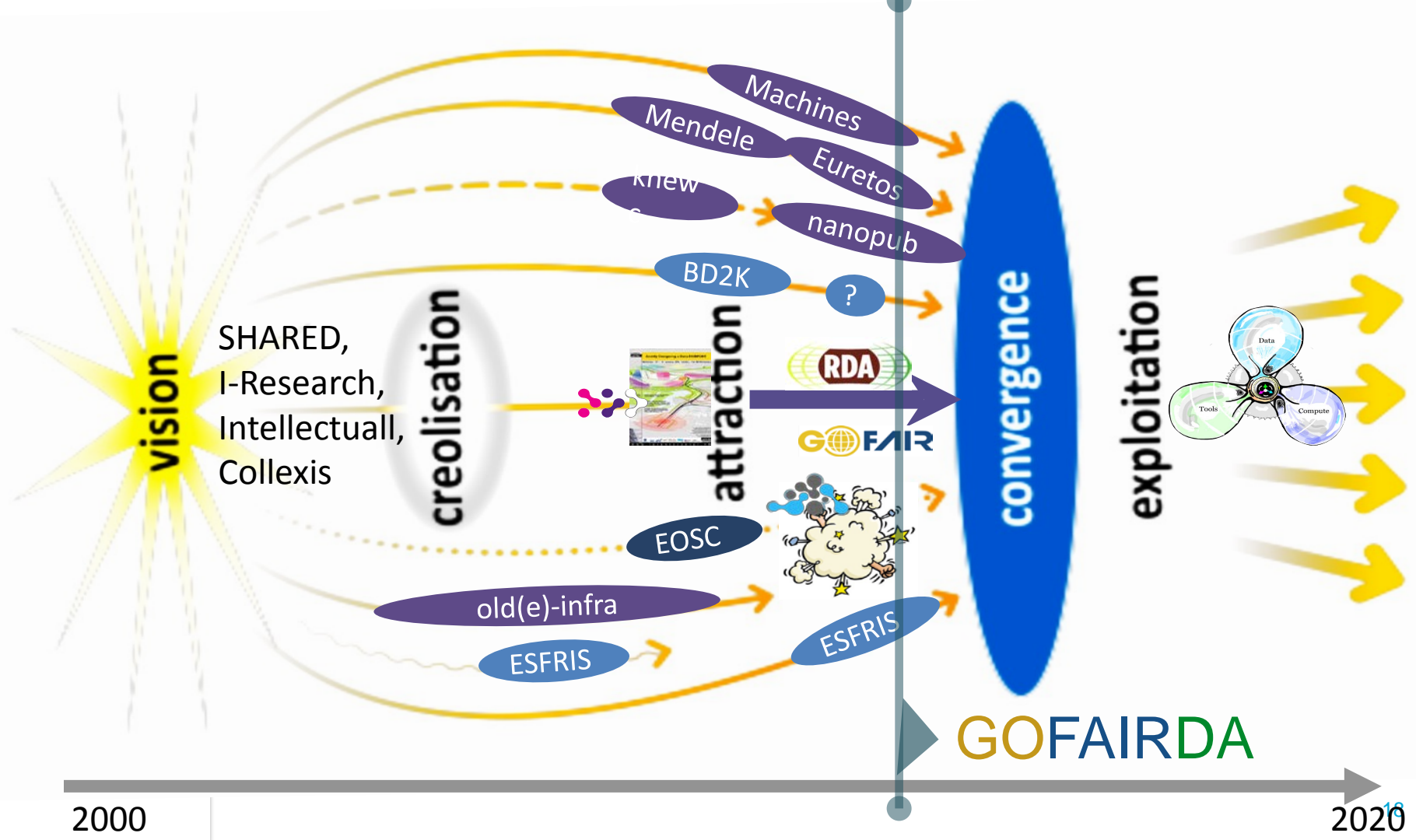
## HORIZON 2020 GRANTEES ARE REQUIRED

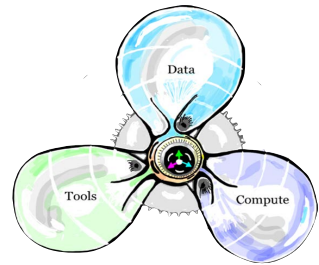
take measures to ensure open access to the data underlying their scientific publications

provide open access to any other research data of their choice

Horizon 2020 grantees are encouraged to also share datasets beyond publication







# exploitation



**FAIRification Services**

**FAIRpointers**

**FAIRports**

**FAIRmetrics**

**FAIRsharing**

**FAIR repositories**

**FAIRpoints**

**Metadata**

**Decentralisation**

**Next generation metrics**

**Professional Data Stewards**

**HPR-environments**

**Distribute analysis and learning**

**Commons approaches**

**New business models**

# How can you (the audience) help?

- follow the FAIR principles when implementing anything
- join or start RDA working groups to solve challenges
- join or start a GO FAIR implementation networks to get things done
- collectively fight vendor-lock in and monopolisation
- stop territorial behaviour, there is more to do than we can collectively handle
- contact the ISCO in NL, DE or FR

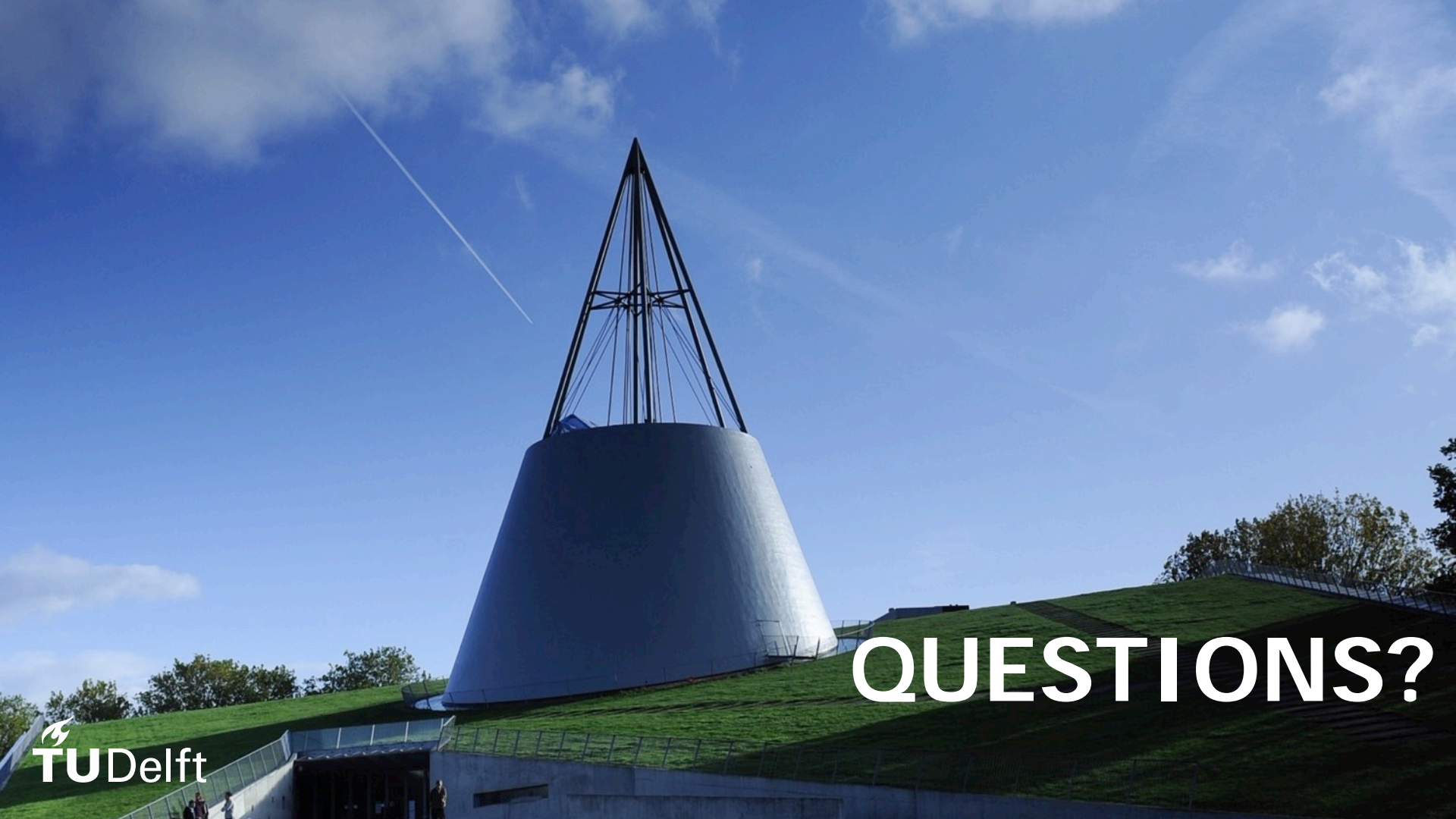


# GO FAIR ISCO



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**QUESTIONS?**