

eosc

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## Insights from a UK Bioscience Infrastructure

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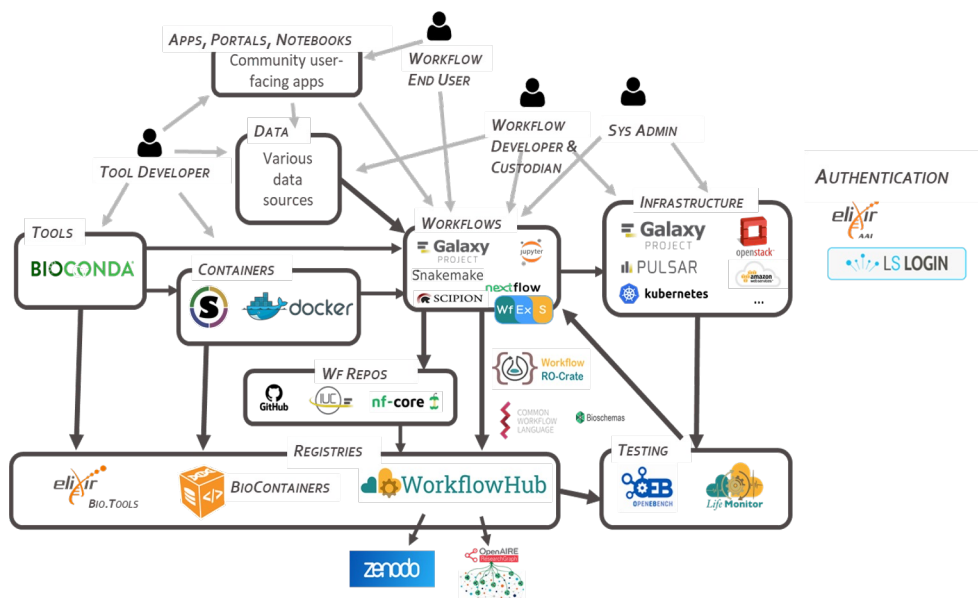
<https://biofair.uk/>  
<https://elixiruknode.org/>

# BioCommons of Data and Computational Methods

join the dots of existing  
research data tools and  
services, make them accessible  
& provide people support



# eosc Joining up Services For FAIR Assistance



**FAIR as side effect embedded** into the infrastructure components, assemblage, processes, skills

**FAIR metadata embedded into the data journey** collection, inspection, analysis, deposit

FAIR digital object first



**Analysis and linking across community data hubs as drivers**

# eosc FAIR Assistance requires shared know-how & people

## Training and Knowledge

how to use and apply these FAIR data methods and resources and share our knowledge



Trainers, Research Software Engineers & Data Stewards

## Community

for FAIR and quality data in their fields, share and promote FAIR & quality practice

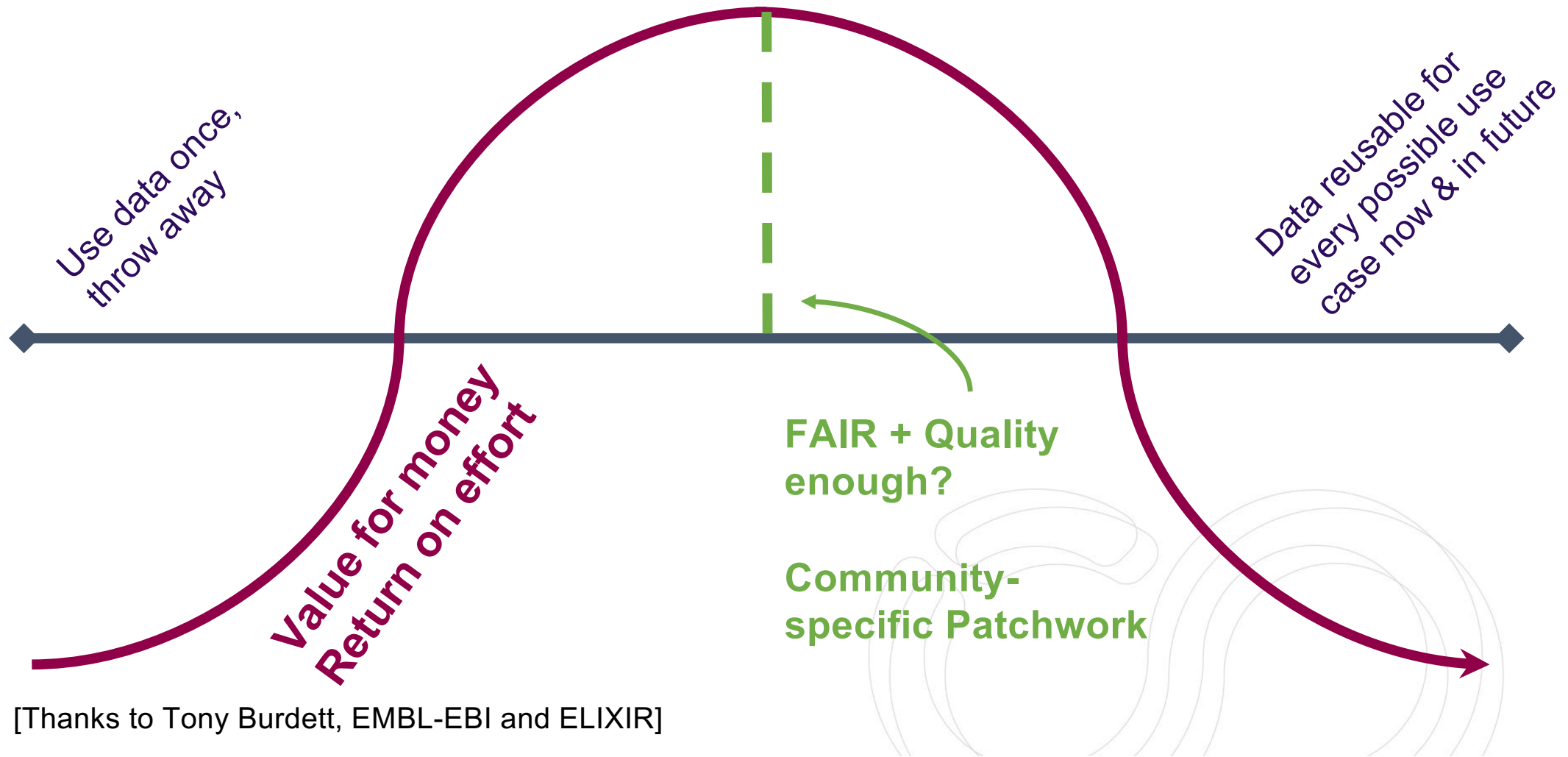


Proteomics  
Single Cell Omics  
Plant Phenotyping  
Human Genomics  
Microbiome  
Bioimaging  
Systems biology.....etc

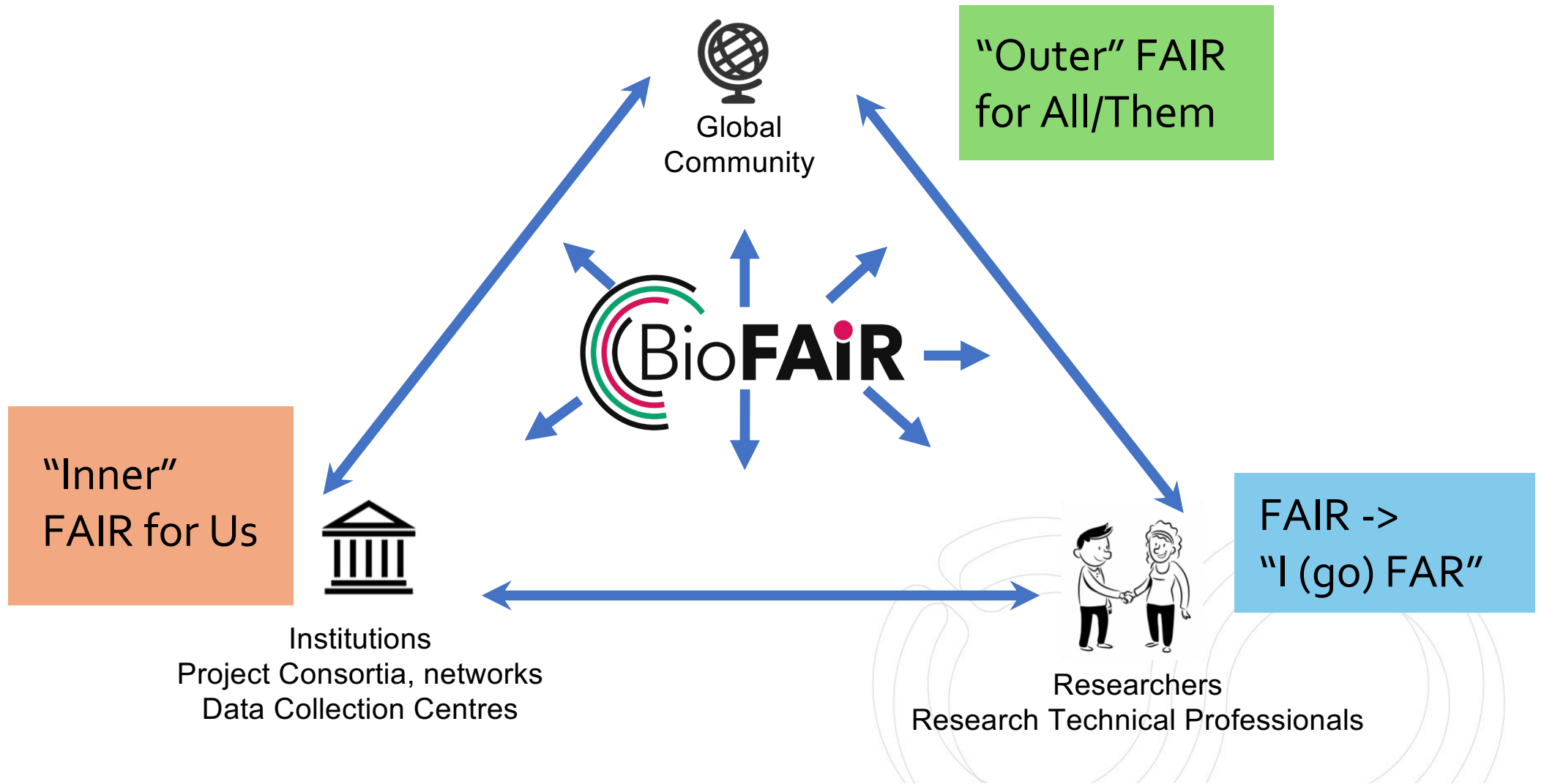


Community Ambassadors

# eosc 1. FAIR (Quality) - Community/Use case Spectrum



eosc 2. Think Global, Think & Act Local



Global  
Community

“Outer” FAIR  
for All/Them

BioFAIR

“Inner”  
FAIR for Us



Institutions  
Project Consortia, networks  
Data Collection Centres

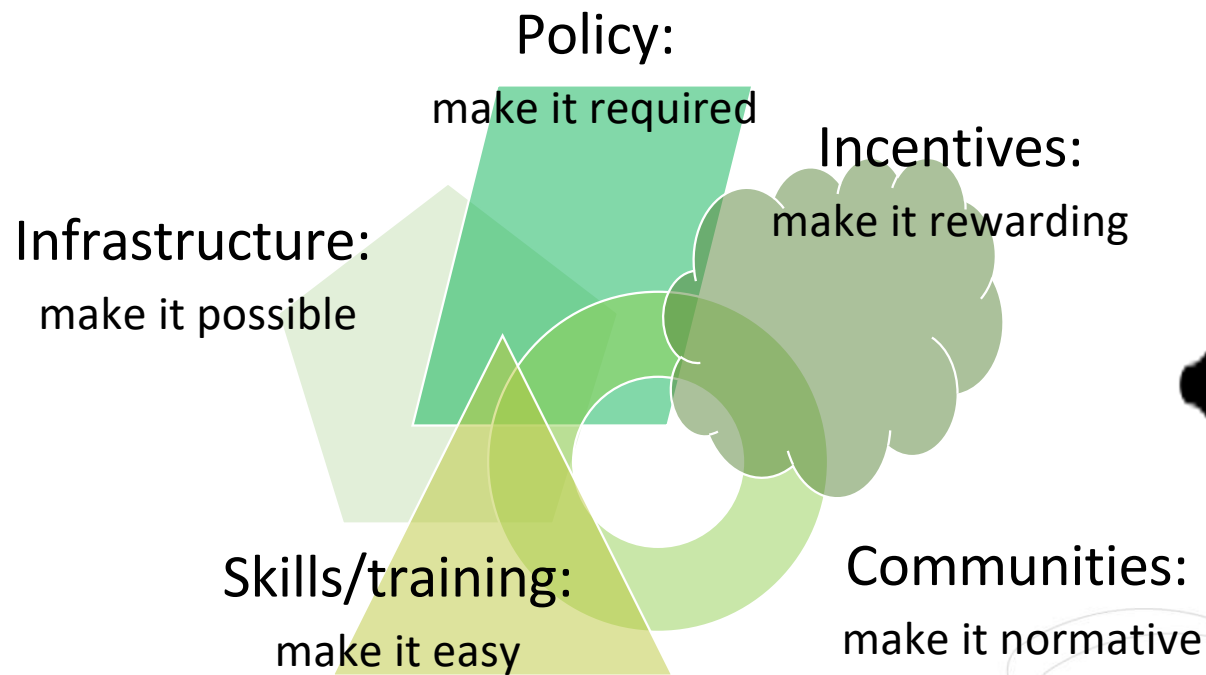


Researchers  
Research Technical Professionals

FAIR ->  
“I (go) FAR”

eosc 3. Cultural Change is driven by Benefits  
No simple metrics – impact measures

HOW



WHY

- AI READINESS
- FUTURE ANALYSIS
- PEER COLLABORATIONS
- PUBLISH

- FUTURE STUDIES
- PRODUCTIVITY-COMPETITIVE ADVANTAGE

Adapted by Michelle Barker from Brian Nosek, [Strategy for Culture Change](#) (2019)

eosc “Metrics” for reducing Complexity, Time and Effort

