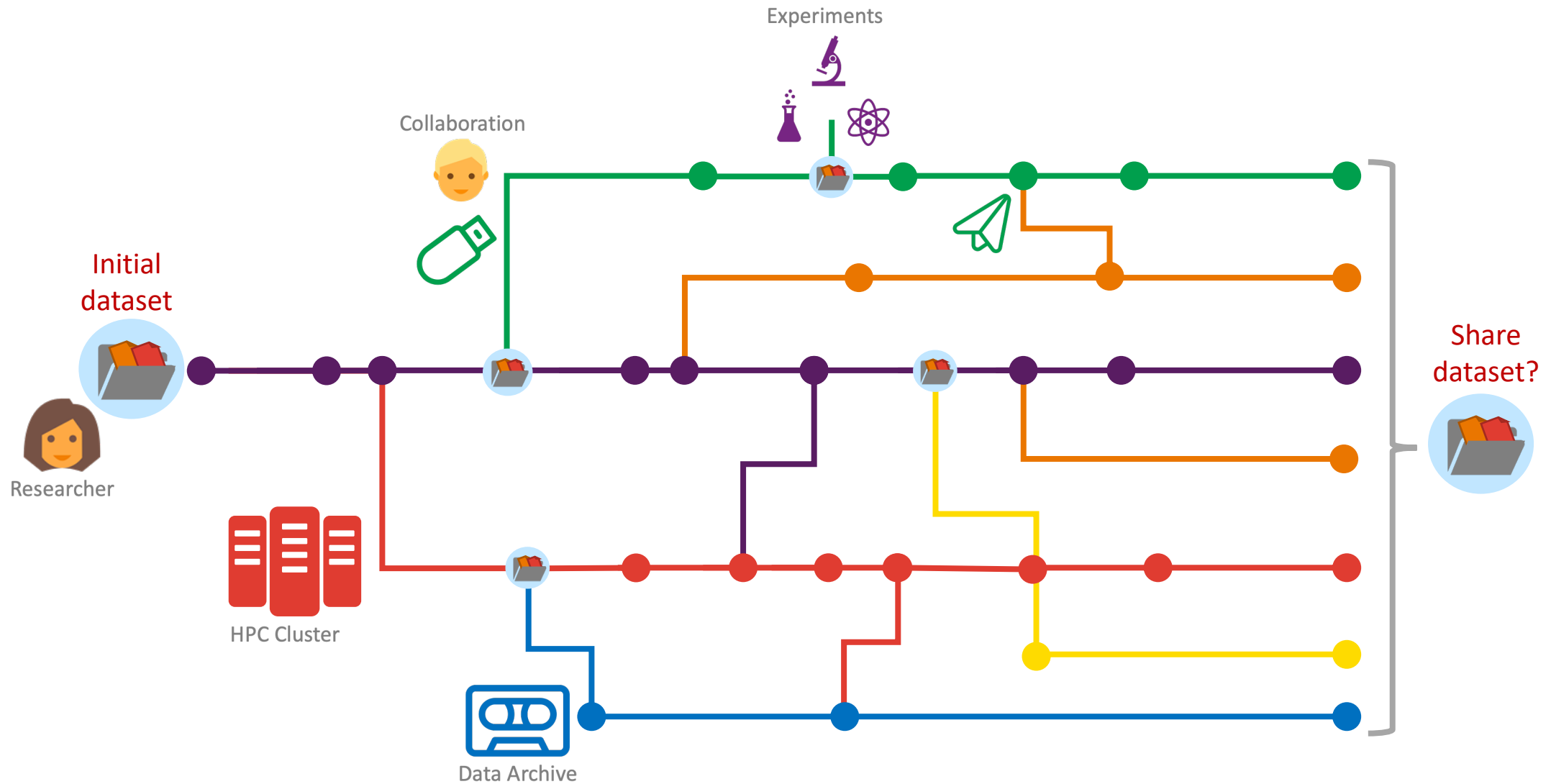# Introduction RDM with iRODS and HPC
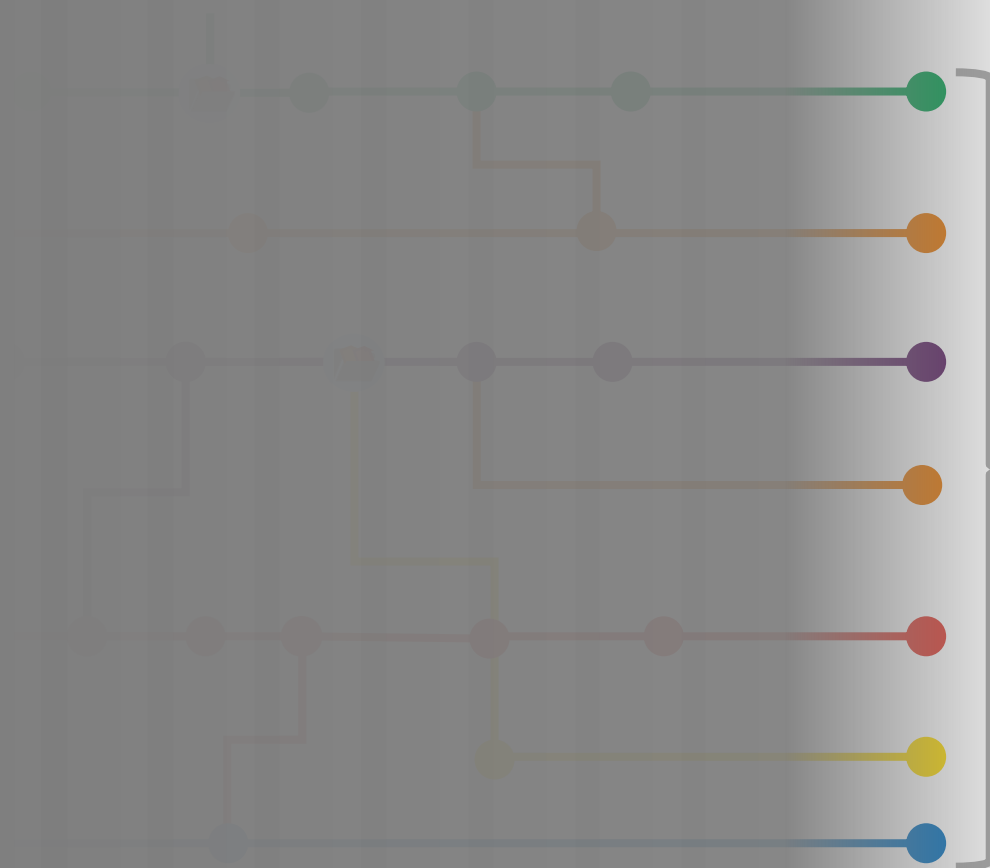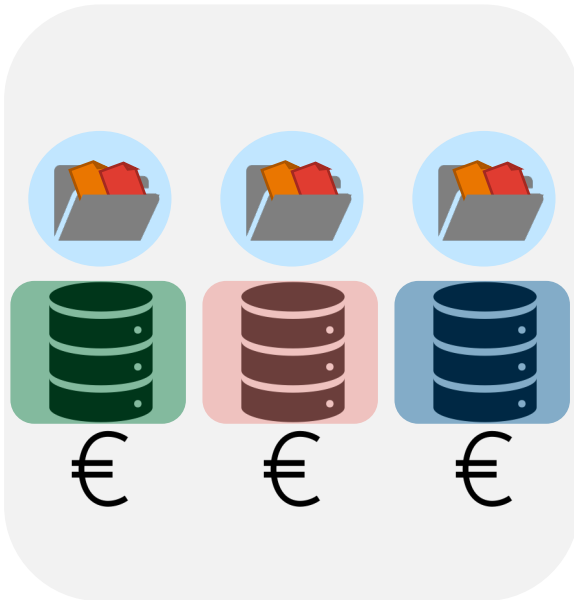
Start at 9:00

SURF

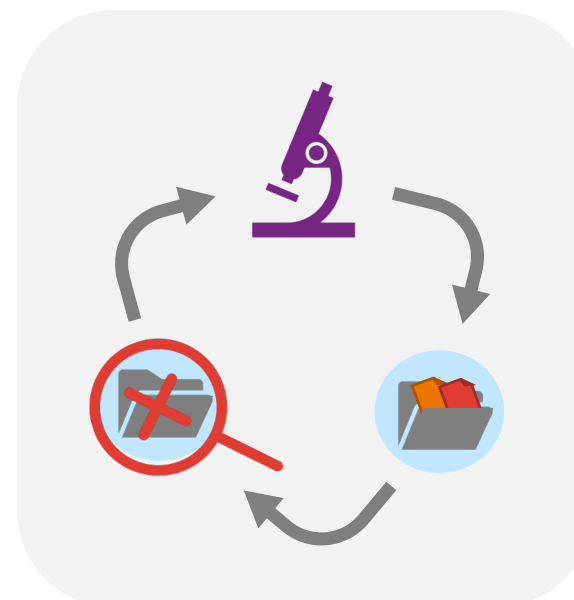# Data, what's the problem?

Share
dataset?

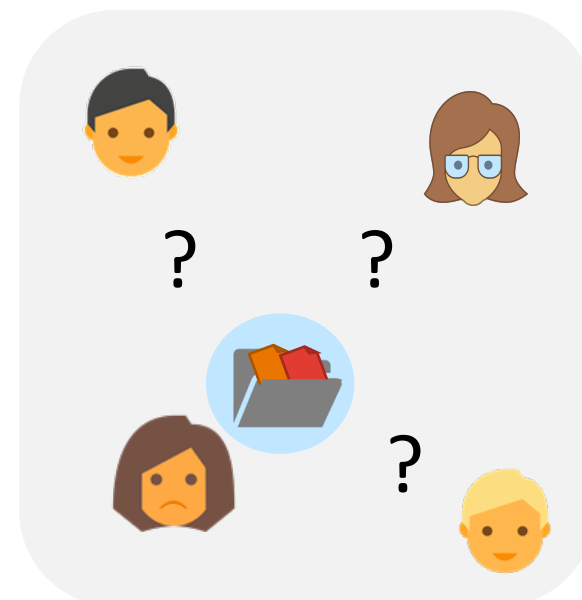# Consequences of bad research data management

No cost effective
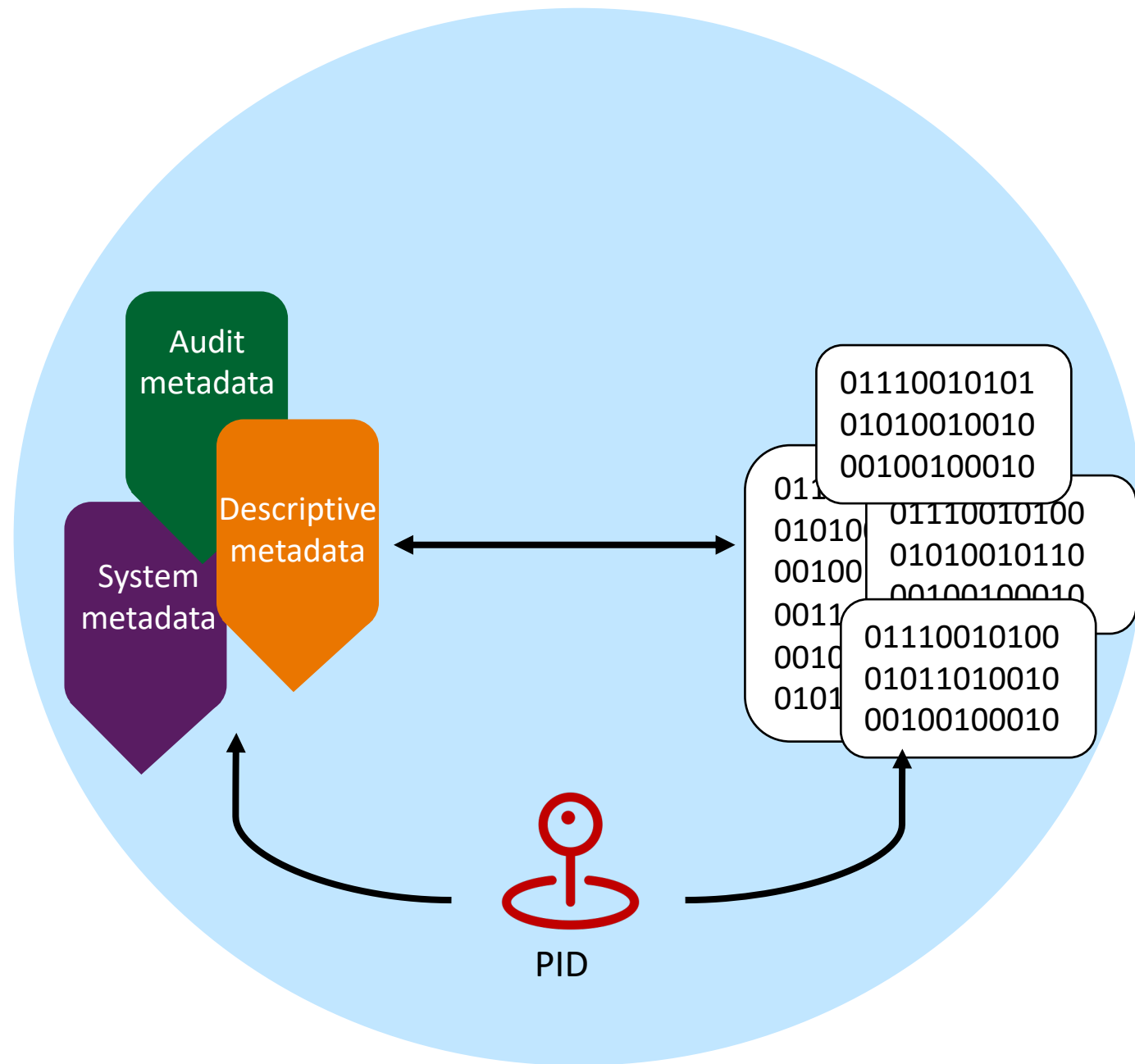data storage
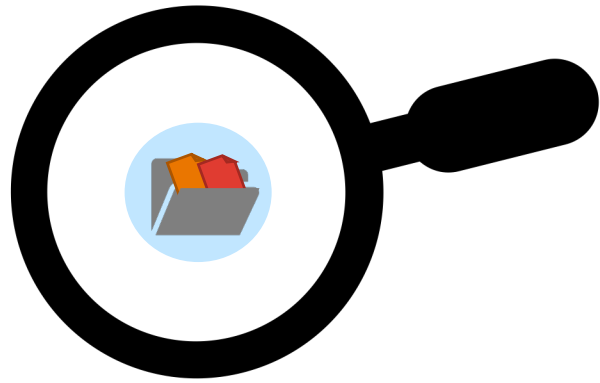
Data gets lost by disaster
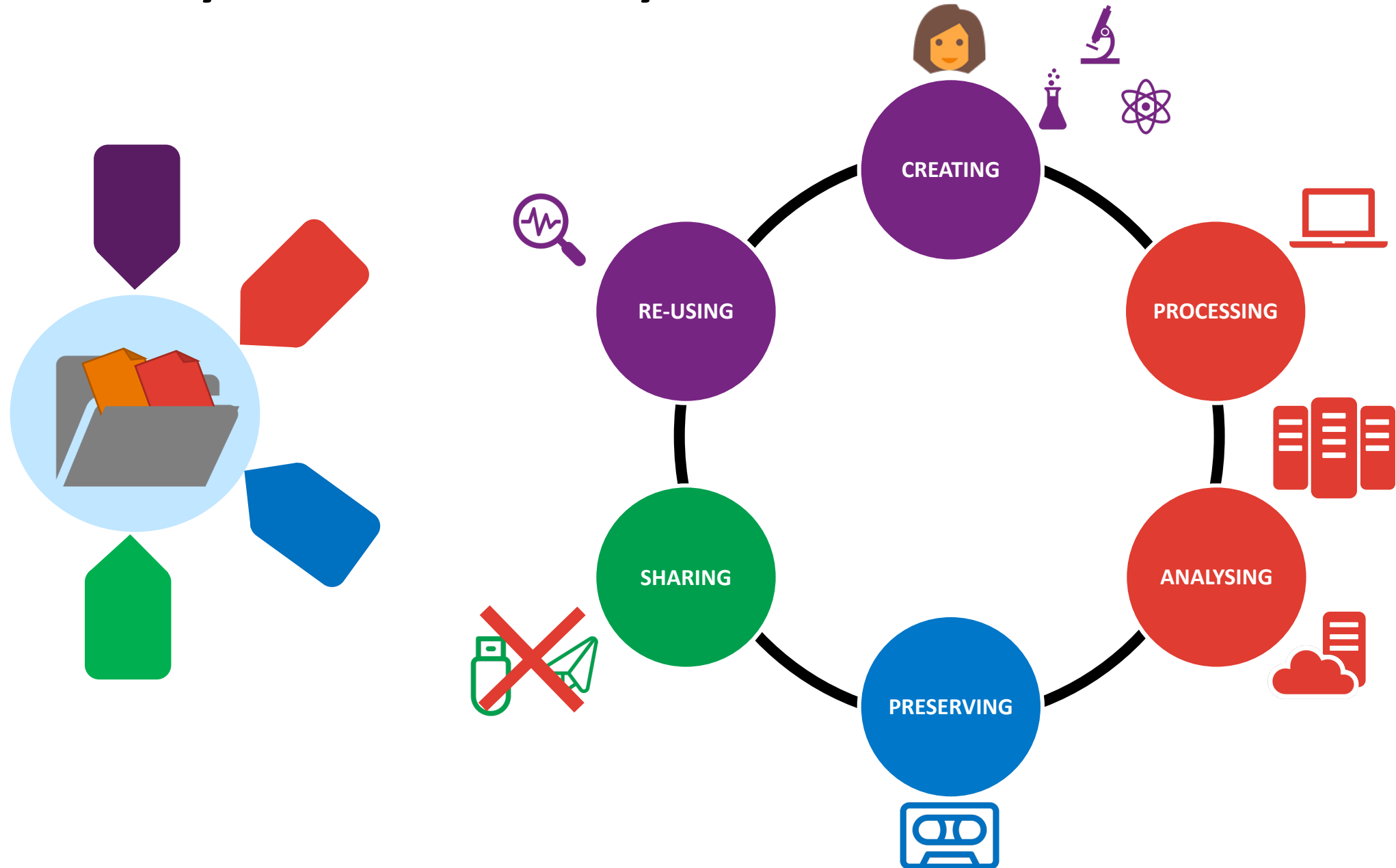or loss of context

Redoing experiments and
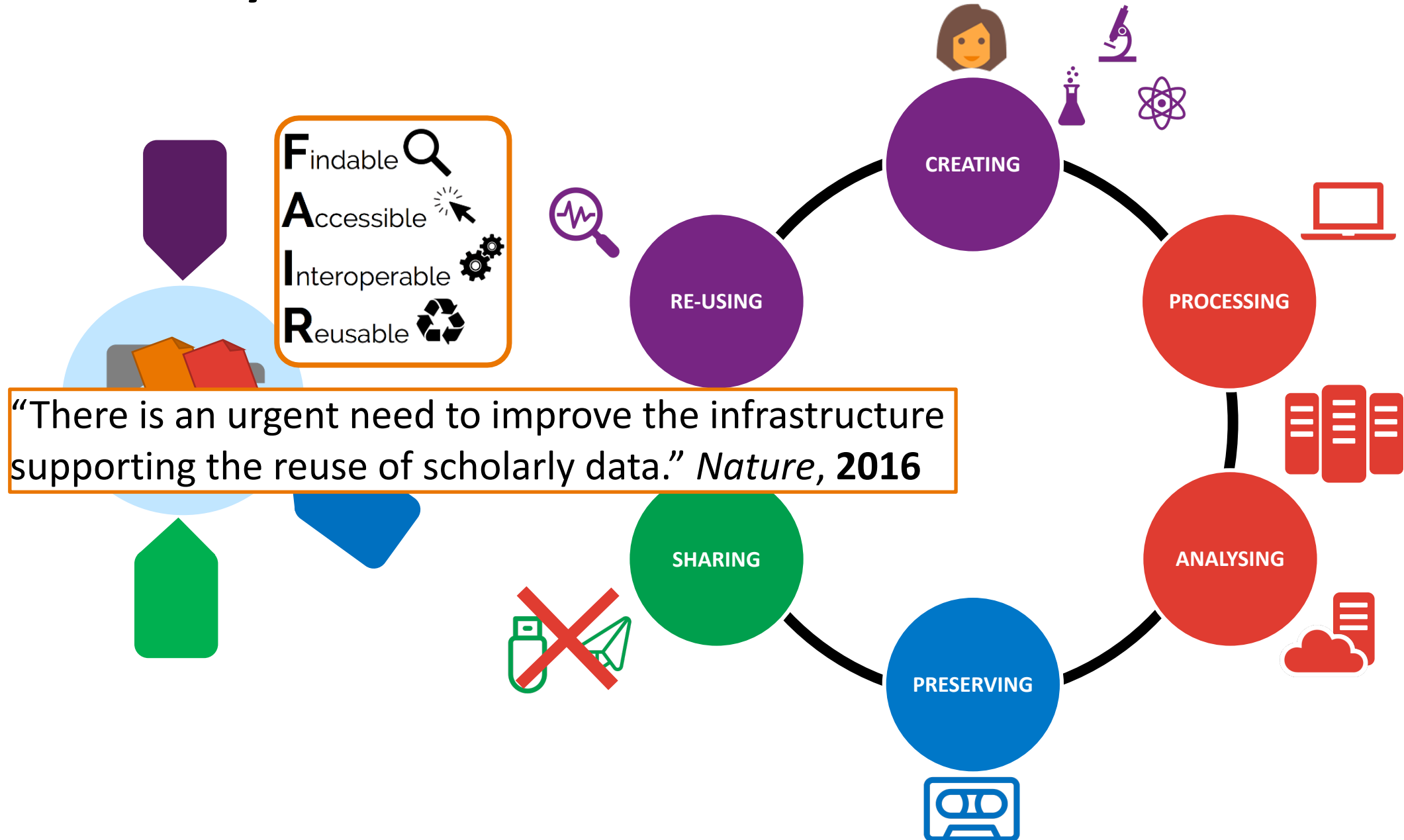no interoperability

Not able or fear to
share / publish data

Data, what is it?

Data Life Cycle is described by metadata

Data Life Cycle is FAIR due to metadata

Findable
Accessible
Interoperable
Reusable

"There is an urgent need to improve the infrastructure supporting the reuse of scholarly data." *Nature*, **2016**

CREATING

PROCESSING

RE-USING

ANALYSING

SHARING

PRESERVING

SURF

Data Life Cycle can be fully supported by iRODS

Data storage from PC to HPC