

FAIR vs Open: a researchers perspective

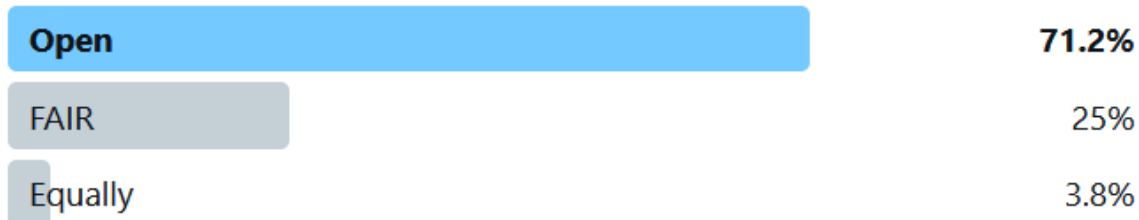
Which one is more important for scientific progress (especially in Ecology/Evolution)? 1/2 [#OpenData](#) [#FAIR](#) [#sciencetwitter](#)

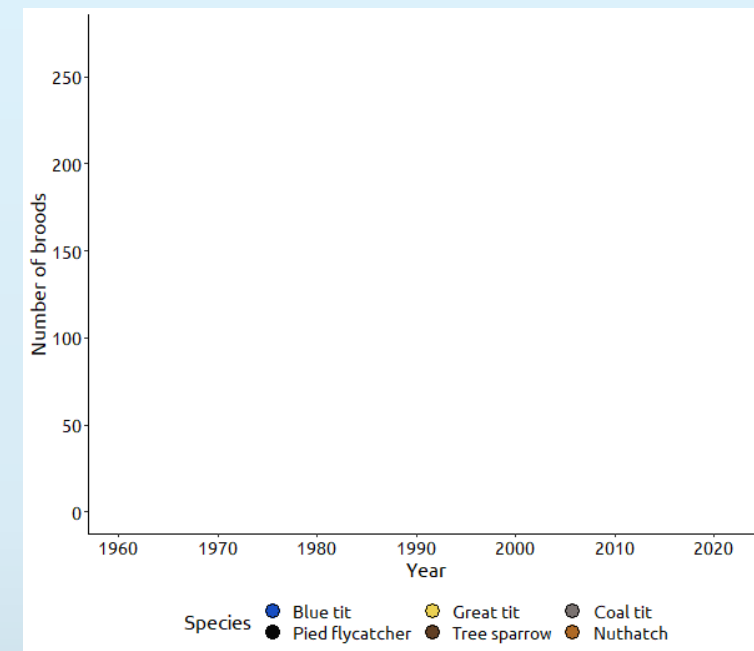
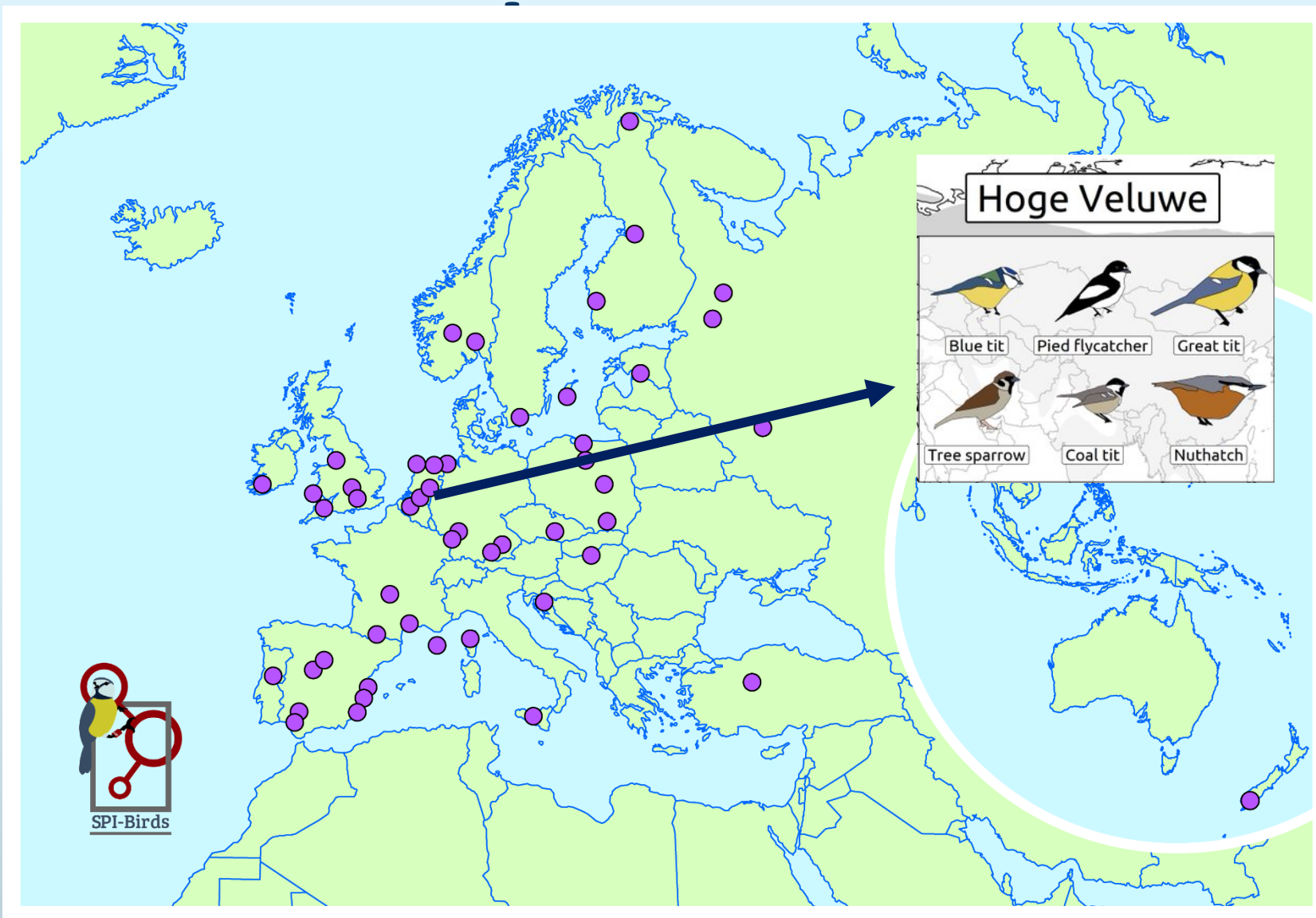


129 votes · Final results

10:06 AM · Nov 17, 2020 · Twitter Web App

Which one is easier to achieve (especially in Ecology/Evolution)? 2/2 [#OpenData](#) [#FAIR](#) [#sciencetwitter](#)

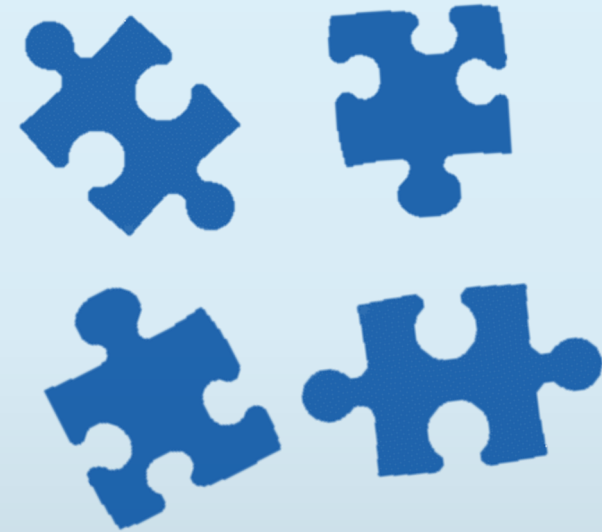




Issues

A diversity of data management strategies

How are
variables coded?



How are
data stored?

Quality checks?

Combining multiple populations extremely time
consuming

SPI-Birds Network & Database

1. Network

120 members

2. Registry of all populations

105 dataset; 26 species

3. Central database

~2 million individuals

4. Data & meta-data standards

~cumulative 2000 years

5. Data quality



@SPIbirds



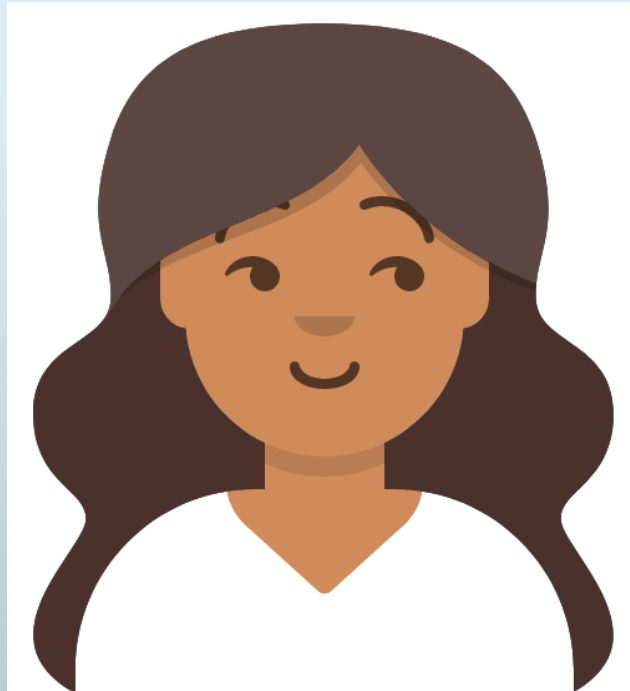
Considerations

I don't want my long-
collected data to be
OPEN

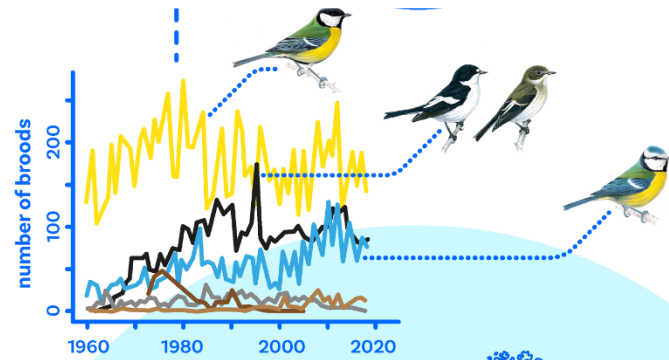
I want my data to be
used, and use others
data, but under my
control

= **FAIR**

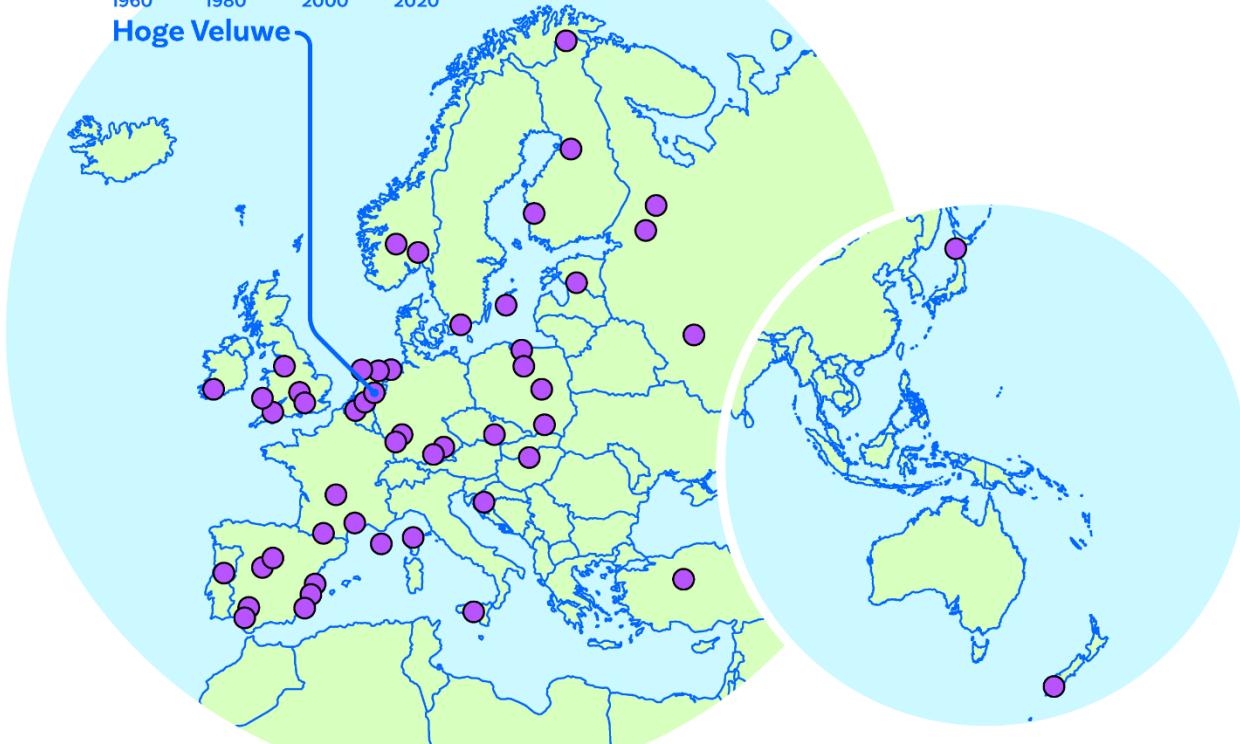
I see the benefits of a
common data format
but do not have
capacity to change my
data format



Workflow



Hoge Veluwe



(Some) learnings:

- consider & accommodate the stakeholders needs
- provide a sense of a community & a common goal
- be persistent
- Open data brings different costs and benefits to different groups
- FAIR data is more fair to everyone

Remaining challenges:

- Funding
- Technical/infrastructural support
- Become a trusted repository

