RDM & Open Science:

further steps & recent developments

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Take stock!

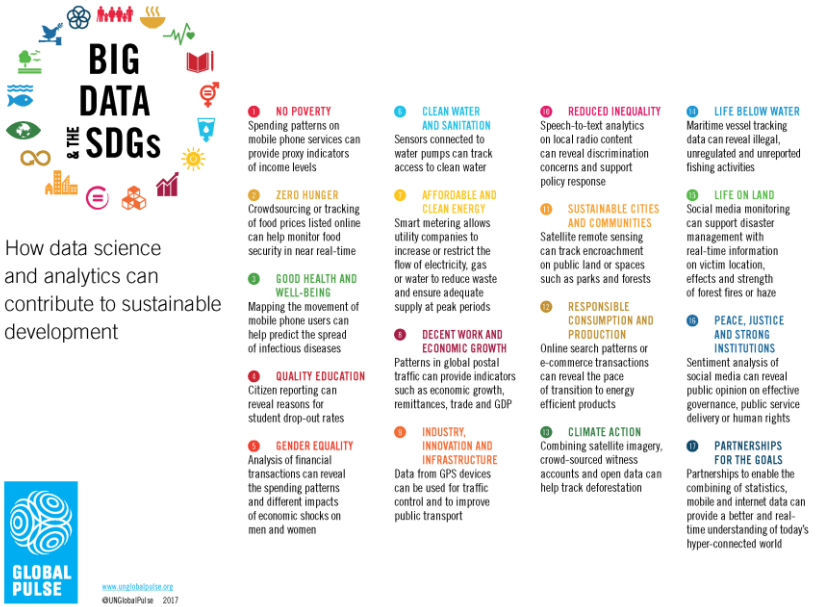
- How much of what you learnt are you actively following?
- Which parts are most useful to you?
- Is there anything that you feel could be changed to better fit your needs?
- Is there anything you actively decided not to do or use – why not?
- Are there funder and/or host institution mandates on RDM?
- (check the African Open Science Platform)

Latest developments in FAIR

- EC report and recent publication on **implementation considerations**
- dedicated organisation established – GO FAIR
- large European (multi-million Euro) funded projects devoted especially to FAIR, e.g. FAIRsFAIR, FAIRplus, FAIR4Health
- see also this FAIR in practice reference list (includes examples from outside Europe!)

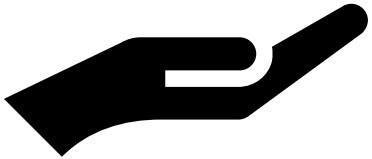
…and the UN SDGs

- In context of SRDS and its objectives
- UN's sustainable development goals (SDGs) – how can data science play a part?
- Database of SDG indicators can also be found



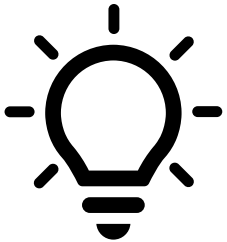
Building institutional support

- There is a growing trend in institutions looking to provide the necessary tools for researchers
- Increase **ownership**
- Decrease use of third party (commercial) solutions
- Try the research infrastructure self evaluation (RISE) tool yourself to see how your institution fares



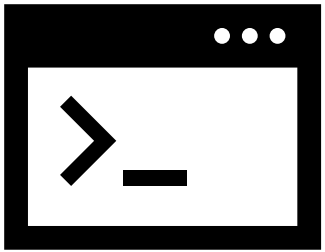
Sensitive data

- Increasing interest in how to align these data with wider research data
- New, specific rules need to be developed
- Doesn’t only mean clinical data – geospatial, IPR, etc
- Some examples: Reproducible Health Data Services, Raising FAIRness in health data and health research performing organisations (HRPOs)



Software

- Growing movement to apply FAIR to software and code
- Still treated as a “data” object
- CURE-FAIR
- See also Lamprecht, Anna-Lena et al. ‘Towards FAIR Principles for Research Software’. Data Science, vol. 3, no. 1, pp. 37-59, 2020. DOI: 10.3233/DS-190026



Data Schools

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Homework

- This diagram is the basic structure of the RISE evaluation described earlier
- Reflect on each of these where applicable/possible in your circumstances – in your country or institution
- We'll discuss what you have reflected upon in the online RDM session
- Don't worry if you don't have anything to say – but hopefully you can provide some insight into your research and the workflows you follow