Data Stewardship at WUR

Phase II

Shauna Ní Fhlaithearta and RDM team

RDM Team – Library/Wageningen DCC

Coordinator RDM

Irene & Danny
RDM Support
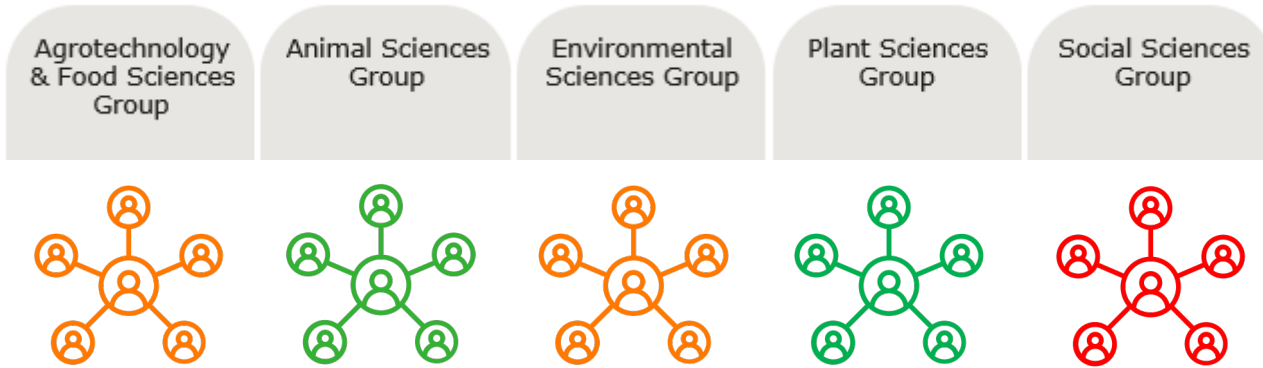
Laura
Data Librarian

Joost
Coordinator
Data Stewardship

Career Development?

1

RDM Team – Data Stewards in Science Groups

Data Stewardship at WUR

2013 — WUR data policy 1.0

2016 — WUR data policy 2.0

2018 — Kick off data stewardship @ WUR

2018 — First data steward network meeting

2019 — Working group is established

2022 — WUR counts over 150 data stewards

2019 — Data steward role and tasks defined

2019 — Goal: "WUR is FAIR in five years time"

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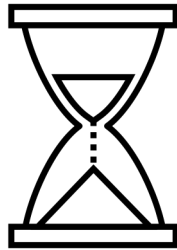UNIVERSITY & RESEARCH

WUR Data Steward

- Embedded (but not dedicated) in research group

- Formal role

- 0.1 fte (approx.)

- Guidance/support

- Heterogenous

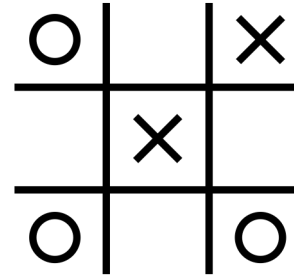- Contact with dedicated (but not embedded) Coordinating DS
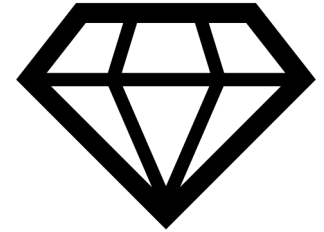
Does 2019 advice still apply?

Model Stewards…

Time

Organisational Strategy

Value

Data Steward Speaking

$\cdots$ = mentioned by number of participants

...sks mentioned

Creates and updates a data management protocol/ procedure

Communicates WUR data policy

Creates awareness of the data policy 'why' and 'how'

Schedule one-on-one meetings with (new) PhD/ researchers

Organise, structure and maintain storage (systems)

Planning

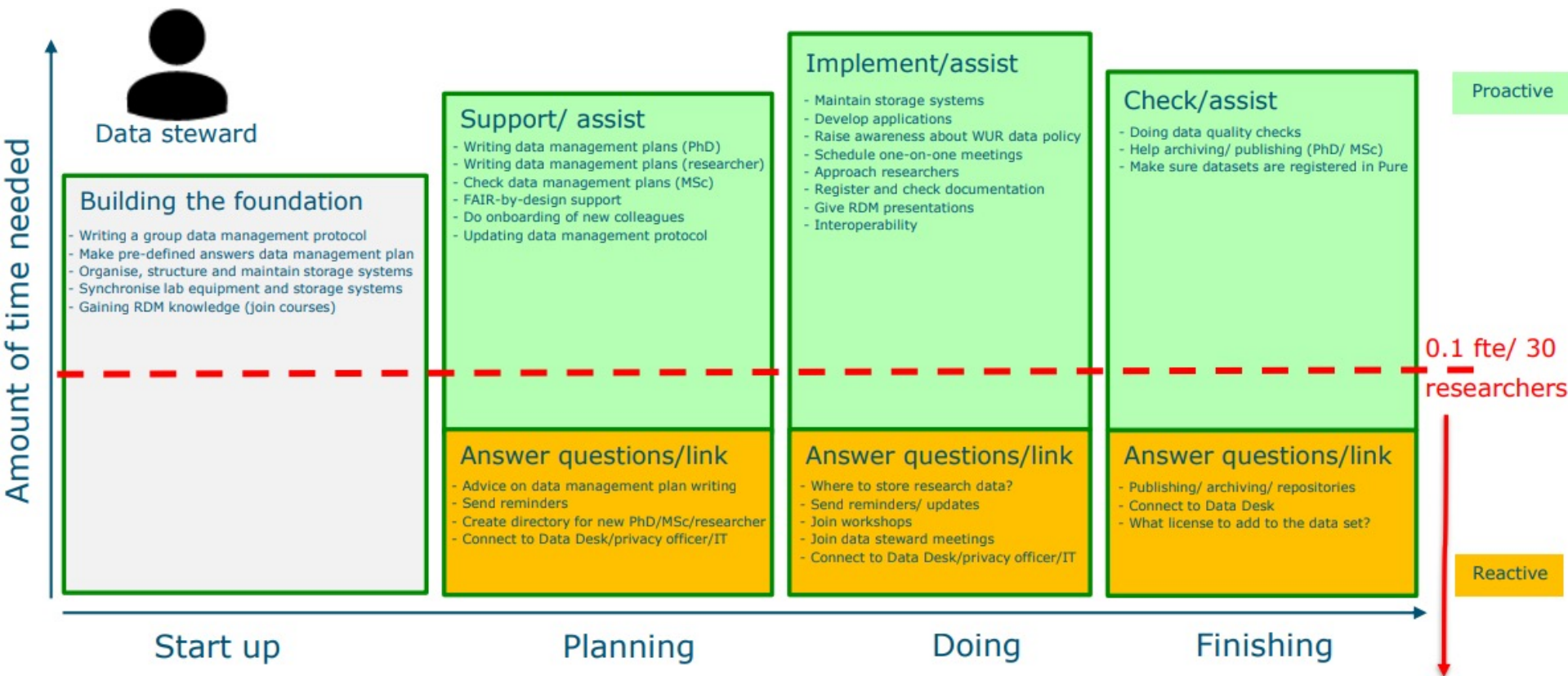|		
Creates and updates a data management protocol/ procedure	24	Follows the implementation of protocols/ procedures — 6	Participate in workshops/ knowledge sessions — 11
Shares data ma...		Checks ... ISBN ... not in line with the...	Schedule one-on-one meetings with (new) PhD/ researchers — 10
Communicates ...			Implement and connect eLabjournal (to storage systems) — 2
Creates awareness of the data policy 'why' and 'how' — 15			Synchronise lab equipment and storage systems — 1
...	3		...rvey among team members — 1

Doing

Makes sure that the data of the group are findable	Assists in the evaluation of the level of FAIR-ness	Organise, structure and maintain storage (systems) — 14
Monit...		...g, metadata) — 9
Advises and/or assists on data management practices (creation of metadata/ documentation, storage solutions, folder structure, file naming, file formats etc.) — 7	Advices on FAIR storage tools and methods, and archiving methods	Attend quarterly data steward meetings — 7
		Facilitate data storage – create personal folder/ set access rights — 5
Connects researchers to IT-support, privacy officer, security — 5		...s, infra, applications — 4

Finishing

Evaluates the data storage quality (cost, sustainability, privacy)	Monitors archiving of research data by researchers — 1	
Supports researchers with preserving research data for a minimum of 10 years — 4	Assesses whether data archiving facilities used for departments or projects meet the DMP and WUR data policy	
Directs towards archiving services of the Data Desk		Organise storage of thesis data from bachelor/ master students — 1
Informs (where to find information) about data and software licences		Develop data sharing agreement — 1
Directs researchers to the Data Desk for registration of archived data sets		Keep overview who has written data management plans — 2

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8

Role/ tasks: time (0.1 fte/ 30 researchers)

Amount of time needed

Data steward

Building the foundation
- Writing a group data management protocol
- Make pre-defined answers data management plan
- Organise, structure and maintain storage systems
- Synchronise lab equipment and storage systems
- Gaining RDM knowledge (join courses)

Support/ assist
- Writing data management plans (PhD)
- Writing data management plans (researcher)
- Check data management plans (MSc)
- FAIR-by-design support
- Do onboarding of new colleagues
- Updating data management protocol

Implement/assist
- Maintain storage systems
- Develop applications
- Raise awareness about WUR data policy
- Schedule one-on-one meetings
- Approach researchers
- Register and check documentation
- Give RDM presentations
- Interoperability

Check/assist
- Doing data quality checks
- Help archiving/ publishing (PhD/ MSc)
- Make sure datasets are registered in Pure

Proactive

0.1 fte/ 30 researchers

Answer questions/link
- Advice on data management plan writing
- Send reminders
- Create directory for new PhD/MSc/researcher
- Connect to Data Desk/privacy officer/IT

Answer questions/link
- Where to store research data?
- Send reminders/ updates
- Join workshops
- Join data steward meetings
- Connect to Data Desk/privacy officer/IT

Answer questions/link
- Publishing/ archiving/ repositories
- Connect to Data Desk
- What license to add to the data set?

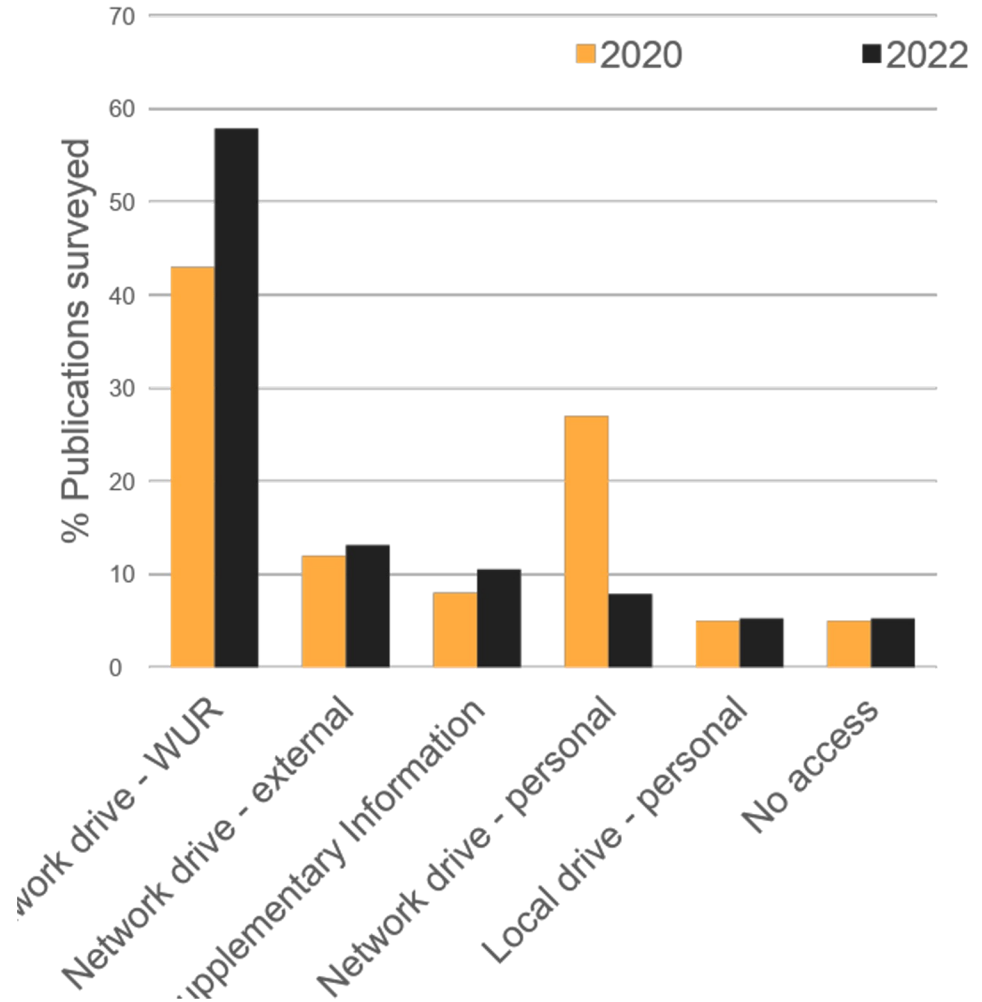**Reactive**

| Start up | Planning | Doing | Finishing |

Do they make a difference?

Yes.

Data management protocols.

Findable data sets.

Network storage.

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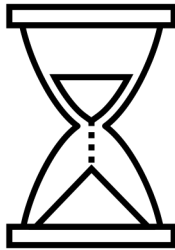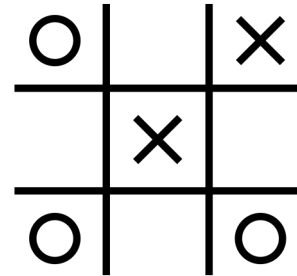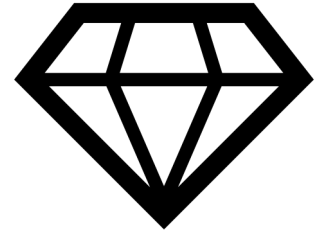# Challenges?

Alignment

Time

Strategic ownership

Funding the value

Recognise these challenges?

-Alignment between stakeholders?

-Ownership / Funding