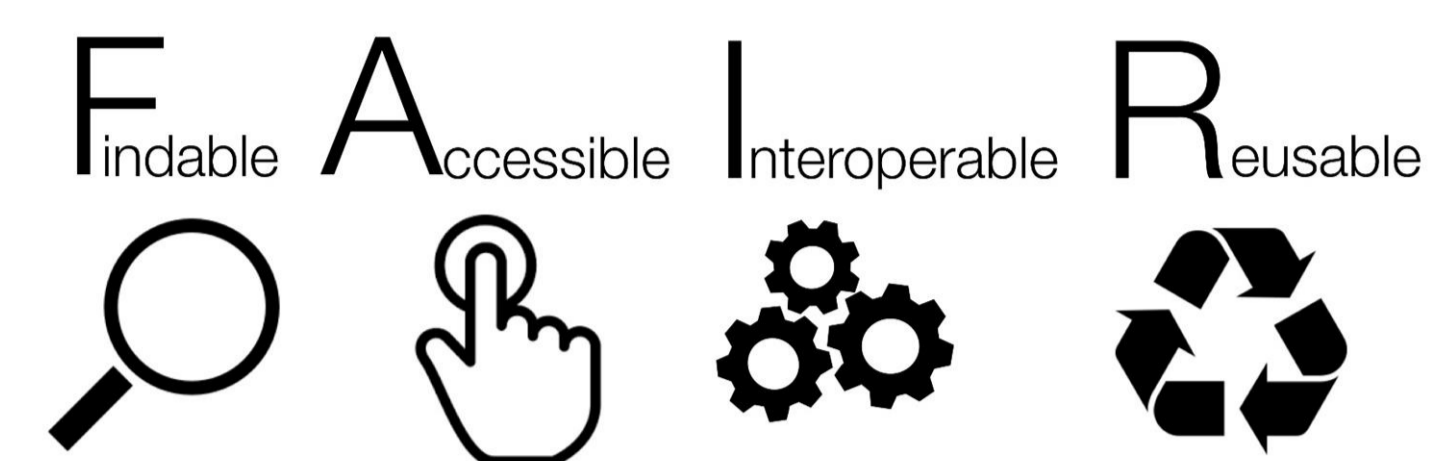


FAIR Data Training and Community Building activities in the Netherlands

Mateusz Kuzak, Christine Staiger and Celia W. G. van Gelder (DTL/ELIXIR-NL)



Interoperability, FAIR data stewardship and training researchers and data experts are themes that are core to the remit of DTL and ELIXIR Netherlands. In line with these focal points, a significant part of our DTL Learning/ELIXIR-NL training activities can be categorized as “FAIR Data Training & Community Building”. They are set up with and by the DTL and ELIXIR-NL Community in the Netherlands, and in close collaboration with the DTL Data and DTL Technologies programmes. A number of highlights are shown here, more information can be found at <https://www.dtls.nl/fair-data/fair-data-training/>.

Training in Data Analysis & Stewardship

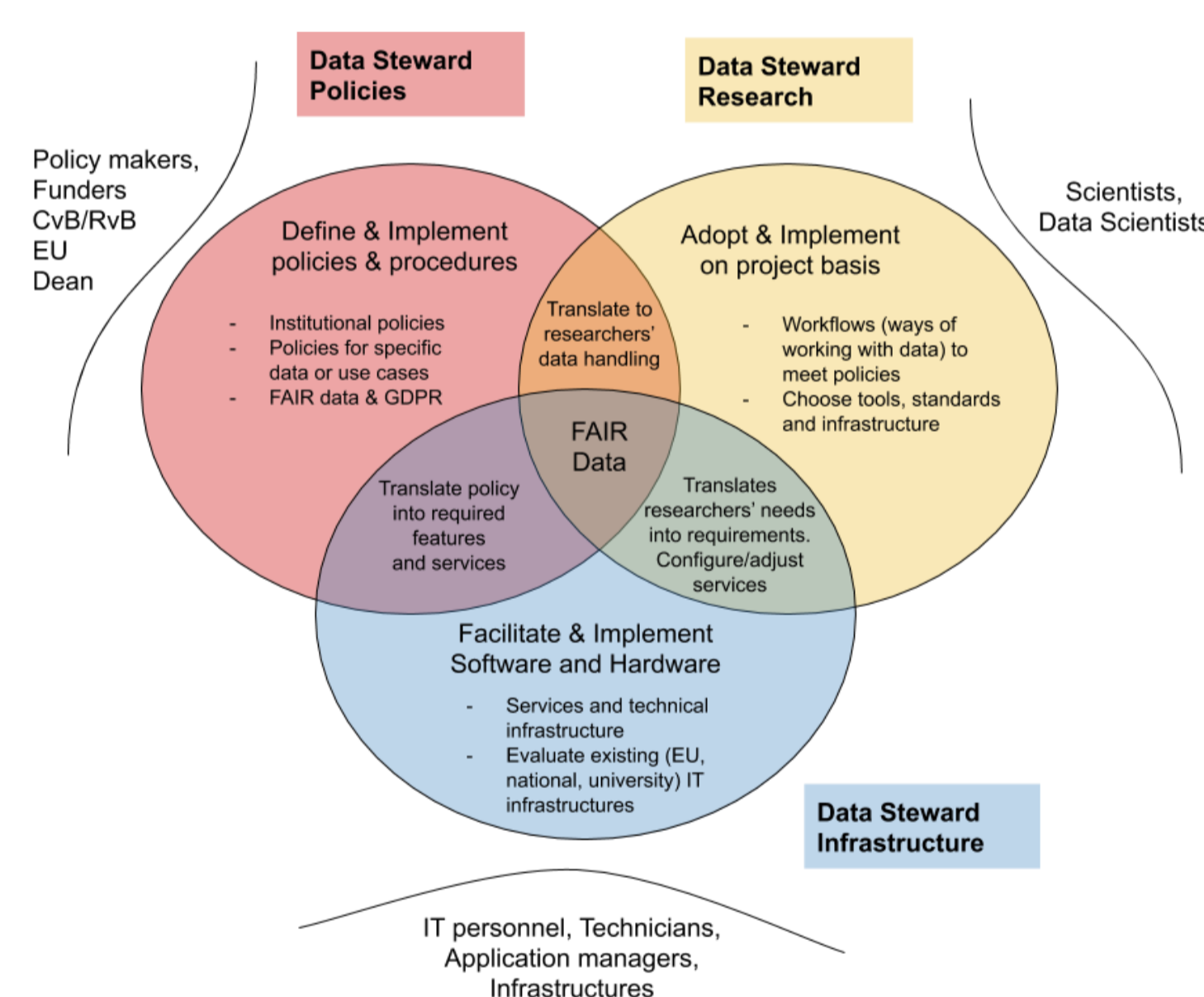
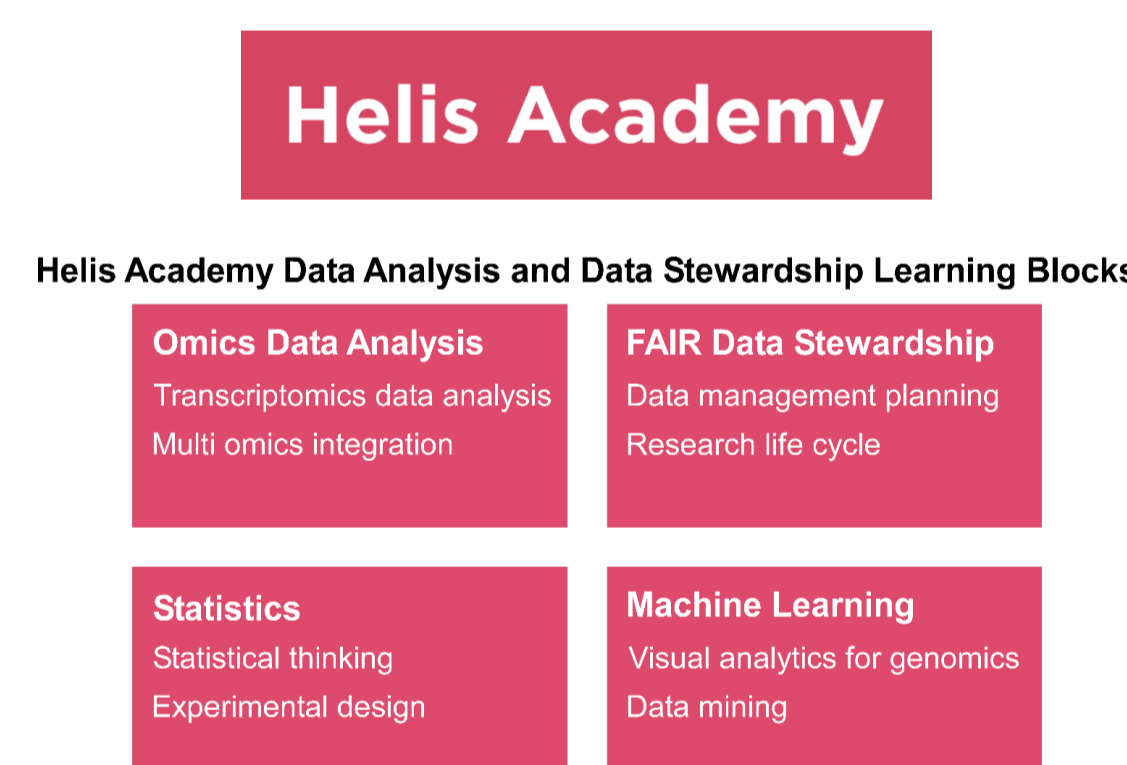


- <https://www.helisacademy.com/en>
- Targeting the Life Science & Health sector
- Aim: Improve skills for both new staff and existing staff (lifelong learning) on identified gaps, by developing tailored training
- Helis themes: Good manufacturing practices (GMP), Clinical testing, Business development, Product & process design, **Data Analysis & Stewardship (DAS)**
- All DAS Modules can be found via: <https://www.dtls.nl/training-and-education/helis-academy/helis-academy-courses/>
- Contact: celia.van.gelder@dtls.nl

Defining the Data Steward profession & Curriculum Building



- <https://zenodo.org/communities/nl-ds-pd-ls/>
- Aims: 1) Define the profile for the data steward as a profession in the sector of Life Science; 2) reach agreement and obtain endorsement for this profile across the whole Netherlands; 3) develop curriculum to provide support for this new professional role
- **Life Science Data Steward Function Matrix (v1.2)**, for 3 types of Data Stewards and 8 knowledge areas:
- Matrix contains responsibilities, tasks, KSAs and learning objectives (including Bloom's levels)
- Contact: celia.van.gelder@dtls.nl



<https://zenodo.org/record/2585691#.XPYDucgzaUI>

Responsibilities	Activities / tasks	KSAs	Learning objectives
1) Policy strategy. Responsible for advice on and development, implementation and monitoring of a research data management (RDM) policy and strategy for the research institute, which includes the complete research data life cycle and supports FAIR data and Open Science, in alignment with the relevant stakeholders and within financial and legal constraints, within the institute and in the context of the institute. The policy is the basis for (project) data management plans (DMP).	<ul style="list-style-type: none"> - Develops, implements and monitors the institute's RDM policy - Advises the institute's management on short- and long-term actions to advance RDM in the institute - Assesses and monitors the institute's time and financial investments in relation to the institute's needs for RDM - Explores new needs, opportunities and trends in RDM 	<ul style="list-style-type: none"> - Knowledge about the most important elements of a successful RDM policy - Knowledge about internal policies and financial and legal constraints within the institute, relevant for RDM policy - Knowledge about relevant internal and external (funder, publishers, government) stakeholders - Knowledge about the general research process and all aspects of RDM and the research data life cycle - Able to develop, implement, monitor and evaluate policies regarding research data that are endorsed by researchers and aligned with internal and external stakeholders and effectuate change management - Able to identify RDM related issues in the research data life cycle at the level of the institute and engage the right persons to solve the issues - Act as a spokesperson for the institute on research data - Give advice on RDM and formats for RDM plans to a broad audience - Communicate about the RDM policy, explain implications and create awareness 	<ul style="list-style-type: none"> - Explain the most important elements of a successful RDM policy (understanding) - Outline and compare existing internal policies, legal constraints and financial and operational implications with regard to the RDM policy (understanding & applying) - List relevant internal and external stakeholders (remembering) - Explain important aspects of the general research process and all aspects of RDM and the research data life cycle (understanding) - Develop and implement RDM policies within the institutes and align with other internal policies, legal constraints and financial and operational implications (creating) - Monitor the implementation of RDM policies among researchers* and other stakeholders and effectuate change management (evaluating) - Identify RDM related issues relevant for the institute (creating) - Support the evolution of DMP templates and monitor that captured features are synchronised with aspects of the policies (creating) - Act as a spokesperson for the institute on research data (applying) - Establish an apprehension of the researchers* towards the need for and benefit from RDM (creating) - Communicate about the RDM policy and its implications for the institute and for the individual researcher (applying)

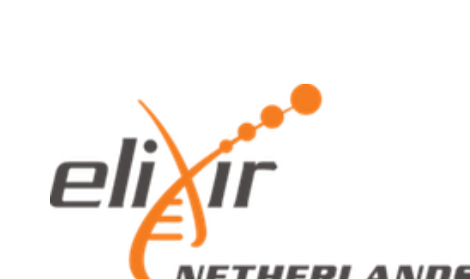
Snapshot from the matrix: Knowledge Area Policy/Strategy for Data Steward A
<https://zenodo.org/record/3239080#.XPket8gzaUk>

Community Building – The Data Stewards Interest Group

- <https://www.dtls.nl/community/interest-groups/data-stewards-interest-group/>
- A community hub for Data Stewardship that enables informal and inclusive knowledge and experience exchange.
- Ca. 90 members (NL, BE, LU, UK, SE, FR, DE)
- Mission: 1) Providing a platform for Data Stewards and like-minded in the Netherlands (and abroad) to share the experience; 2) Fostering the national implementation of Data Stewardship; 3) Joining efforts to produce hands-on solutions
- Contact: Jasmin Böhmer (chair), j.k.bohmer@umcutrecht.nl

The ELIXIR Data Stewardship Wizard

- <https://ds-wizard.org/>
- The Data Stewardship Wizard (DSW) is a web-based application for preparing smart Data Management Plans. It connects to additional learning resources and helps raise awareness about DS challenges. It can be customised by Data Stewards or Funders to meet more specific needs.
- Contact: rob.hooft@dtls.nl



Contact

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