DTL
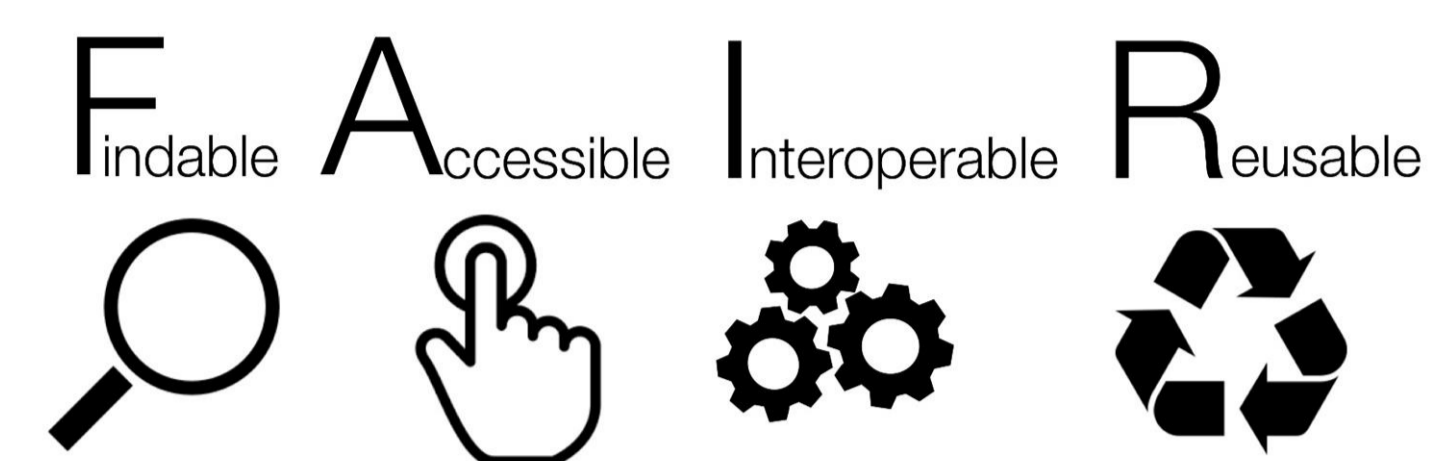## DUTCH TECHCENTRE FOR LIFE SCIENCES

eLIXIR NETHERLANDS

FAIR Data Training and Community Building activities in the Netherlands

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

Findable **A**ccessible **I**nteroperable **R**eusable

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

Interreg Vlaanderen-Nederland
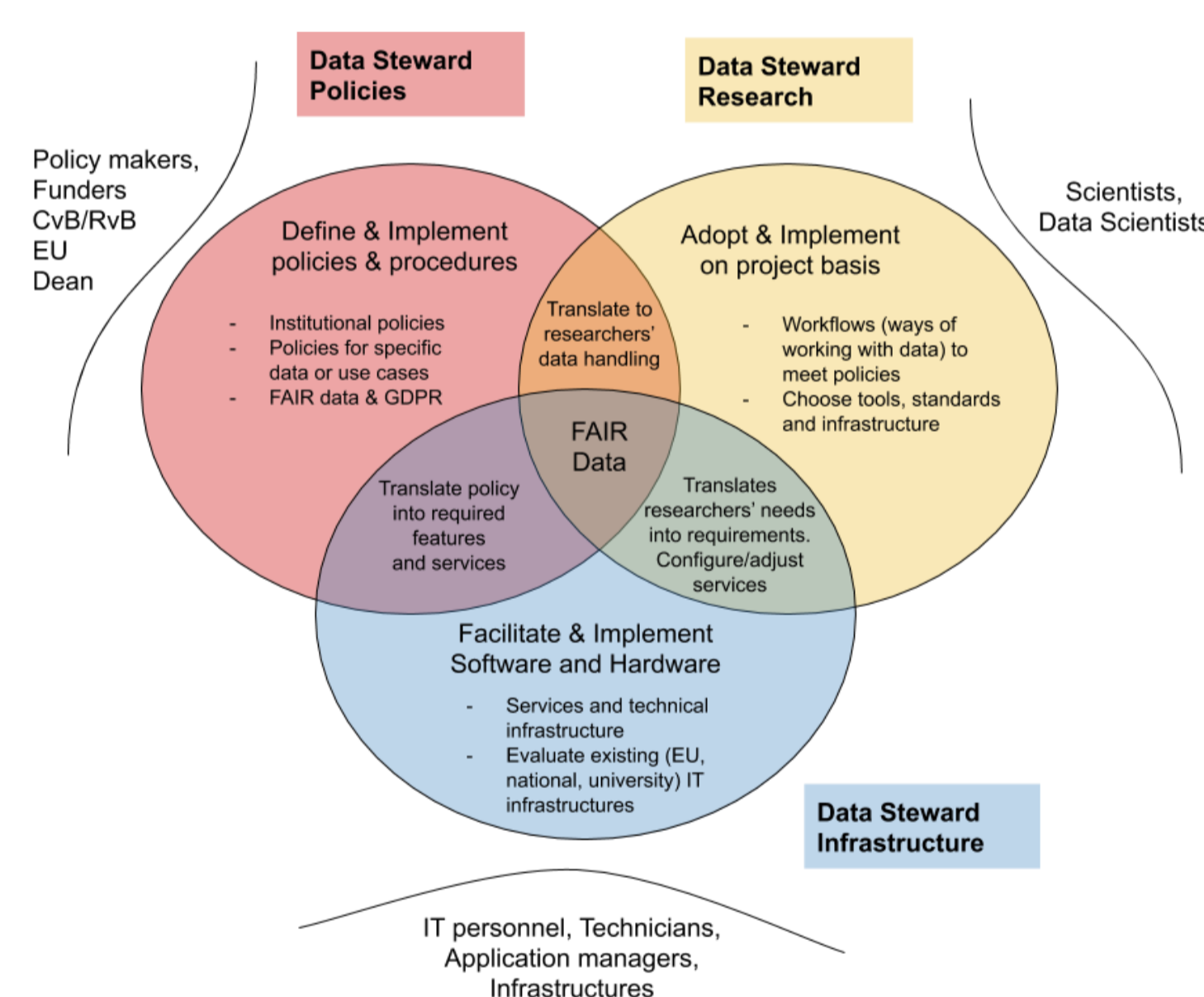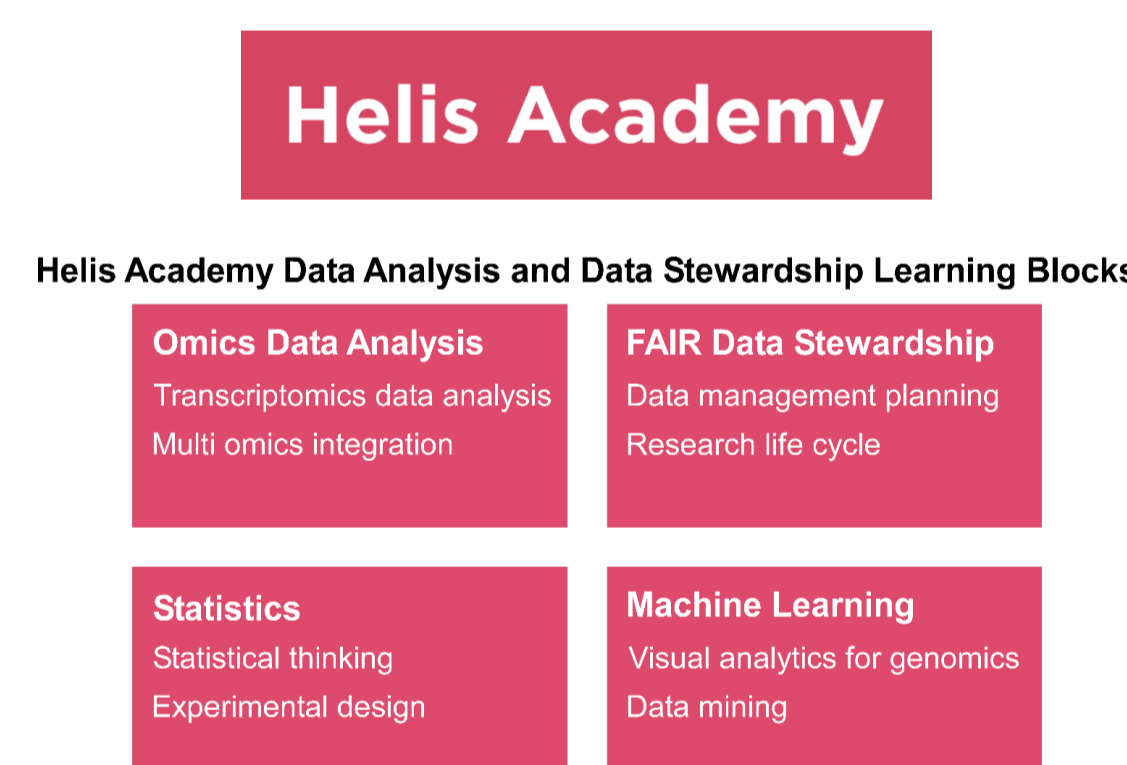Europees Fonds voor Regionale Ontwikkeling

- *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

Helis Academy
Helis Academy Data Analysis and Data Stewardship Learning Blocks

Omics Data Analysis	FAIR Data Stewardship
Transcriptomics data analysis Multi omics integration	Data management planning Research life cycle

Statistics	Machine Learning
Statistical thinking Experimental design	Visual analytics for genomics Data mining

VIB
Maastricht University
TU/e
DTL

https://zenodo.org/record/2585691#.XPYDucgzaUl

Defining the Data Steward profession & Curriculum Building

ZonMw
umcg
Radboudumc
Radboud University
UMC Utrecht
DTL

- *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

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

DSW
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

ELIXIR CZECH REPUBLIC   ELIXIR NETHERLANDS
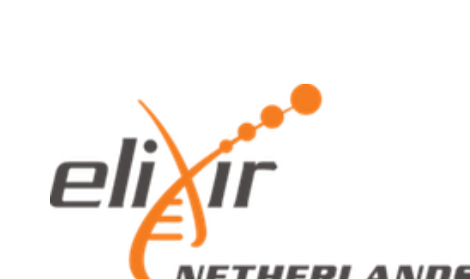
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www.dtls.nl