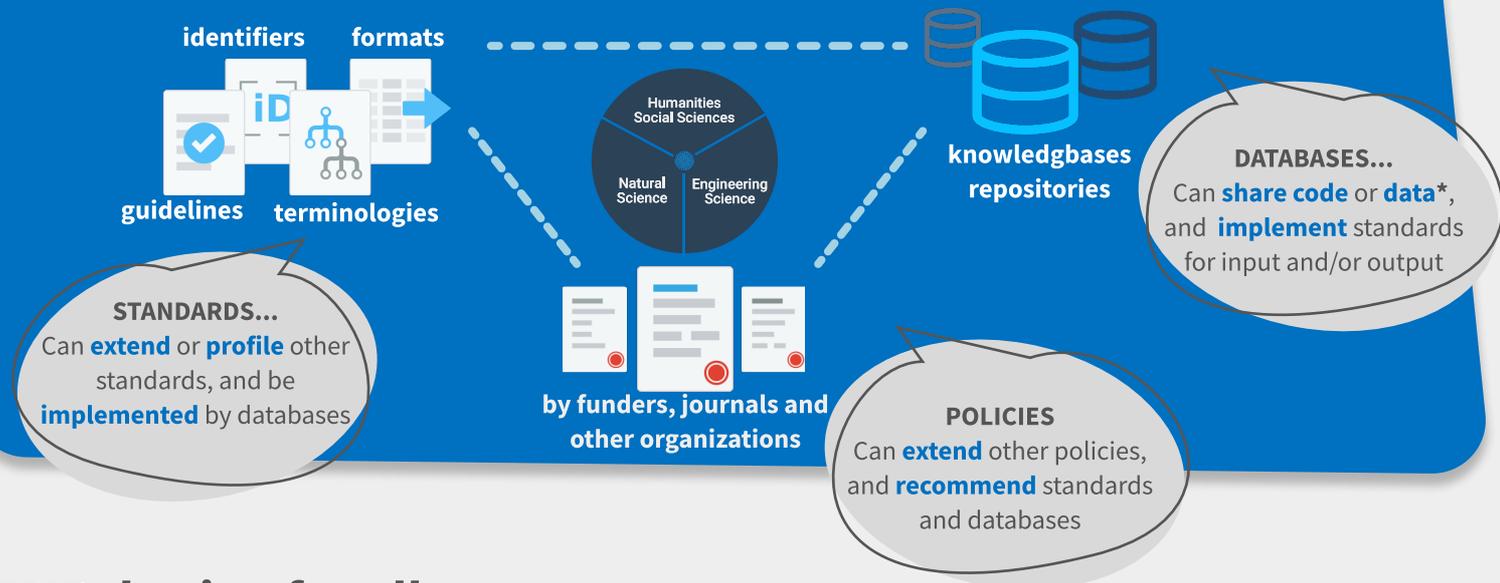# FAIRsharing in a nutshell

Standards, databases and data policies across all disciplines for all users

FAIRsharing provides curated descriptions and network graphs of the relationships among **standards**, the **databases** that implement them, and the **policies** that recommend them.

identifiers   formats

guidelines   terminologies

Humanities
Social Sciences

Natural
Science   Engineering
Science

knowledgbases
repositories

by funders, journals and
other organizations

STANDARDS...
Can **extend** or **profile** other standards, and be **implemented** by databases

DATABASES...
Can **share code** or **data***, and **implement** standards for input and/or output

POLICIES
Can **extend** other policies, and **recommend** standards and databases

FAIRsharing for all: user groups

JOURNAL PUBLISHERS
Create and maintain an interrelated list of citable standards, databases and repositories to recommend to your authors, users or their community, and revise this recommendation over time
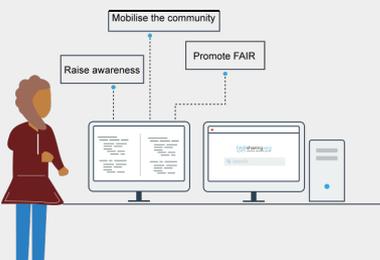
LIBRARIANS/TRAINERS
Use FAIRsharing to provide a foundation on which to create or enrich educational lectures, training and teaching material, and to plug into data management planning tools

FUNDERS
Recommend FAIRsharing to your awardees to inform the development of their data management plan, and select the appropriate resources to recommend in your data policies

Mobilise the community

Raise awareness   Promote FAIR

SOCIETIES AND ALLIANCES
Raise awareness around standards, databases, repositories and data policies, as well as mobilise your community to take action to promote the registration, use and citation of key resources

DEVELOPERS AND CURATORS
Increase the discoverability and adoption of your resource by adding it in FAIRsharing; if you are a tool developer, access FAIRsharing content via its API to power your system
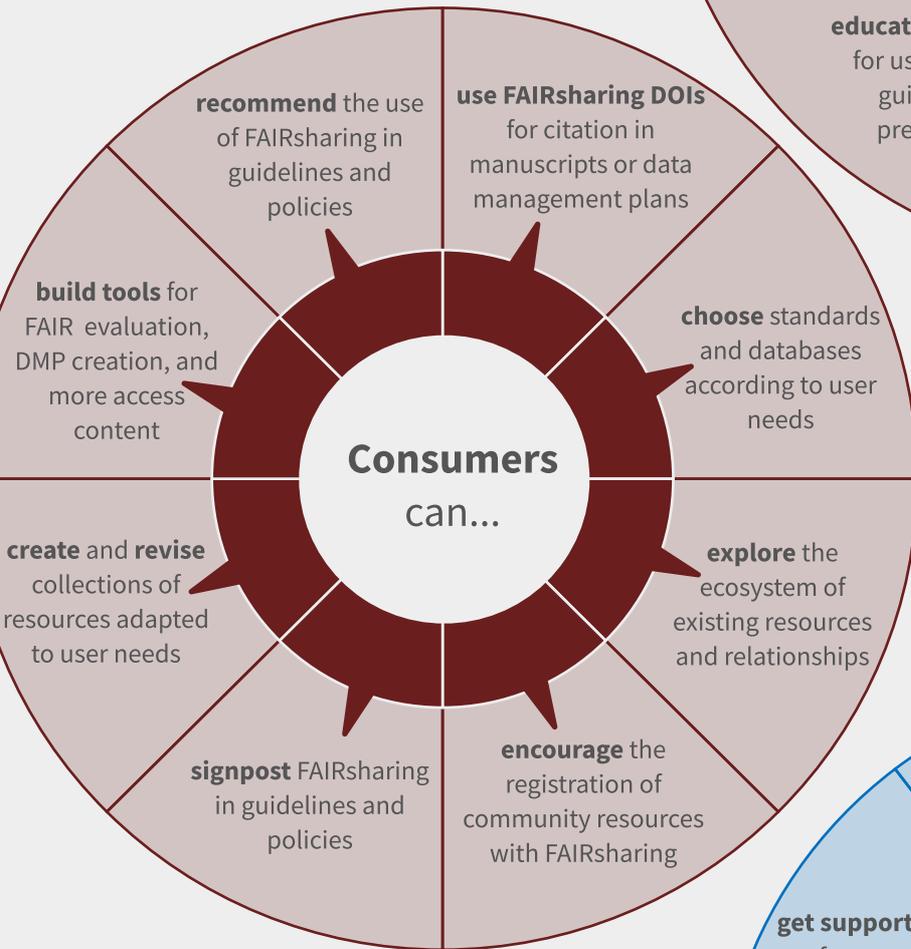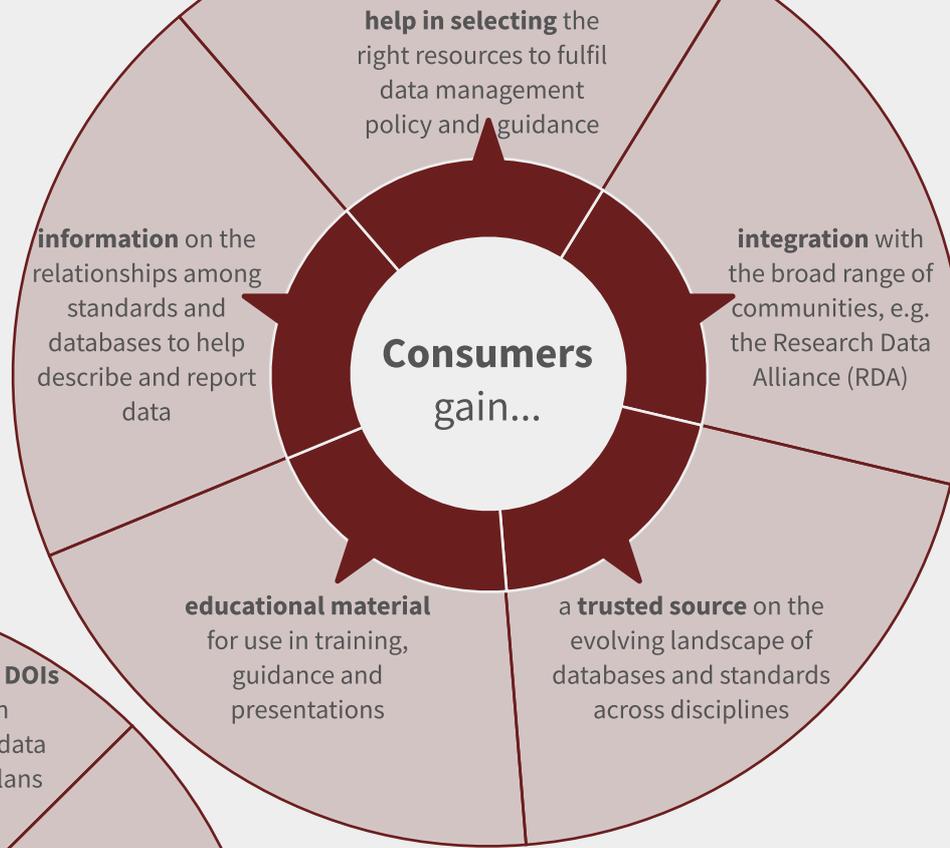
RESEARCHERS
Identify and cite the standards, databases or repositories that exist for your discipline when creating a data management plan, releasing data or submitting a manuscript to a journal

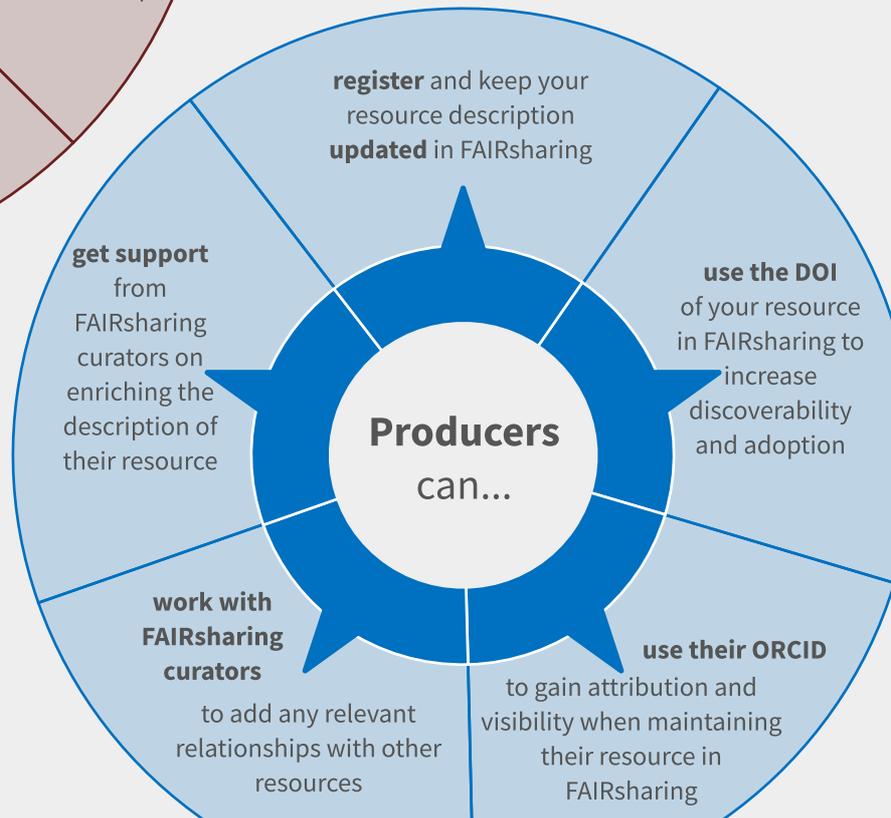*datasets, software, materials and other digital objects.

Find more at
fairsharing.org/educational

FAIRsharing.org
standards, databases, policies

Users interact with FAIRsharing as:

Consumers to discover, select and use relevant resources with confidence

Producers to make their resources more visible, more widely adopted and cited

Consumers gain...

- **help in selecting** the right resources to fulfil data management policy and guidance
- **integration** with the broad range of communities, e.g. the Research Data Alliance (RDA)
- a **trusted source** on the evolving landscape of databases and standards across disciplines
- **educational material** for use in training, guidance and presentations
- **information** on the relationships among standards and databases to help describe and report data

Consumers can...

- **recommend** the use of FAIRsharing in guidelines and policies
- use **FAIRsharing DOIs** for citation in manuscripts or data management plans
- **choose** standards and databases according to user needs
- **explore** the ecosystem of existing resources and relationships
- **encourage** the registration of community resources with FAIRsharing
- **signpost** FAIRsharing in guidelines and policies
- **create** and **revise** collections of resources adapted to user needs
- **build tools** for FAIR evaluation, DMP creation, and more access content

Users can be both **consumers** and **producers**, in varying proportions according to their needs

FAIRsharing enables the FAIR Principles by promoting the value and the use of standards, databases and policies, which are essential pillars of the research life cycle

Producers can...

- **register** and keep your resource description **updated** in FAIRsharing
- **use the DOI** of your resource in FAIRsharing to increase discoverability and adoption
- **use their ORCID** to gain attribution and visibility when maintaining their resource in FAIRsharing
- **work with FAIRsharing curators** to add any relevant relationships with other resources
- **get support** from FAIRsharing curators on enriching the description of their resource

Find more at
fairsharing.org/educational