FAIRSFAIR

Fostering Fair Data Practices in Europe

FAIR Data Policy Checklist and Structured Policy Descriptions

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17 February 2022

FAIRsFAIR "Fostering FAIR Data Practices in Europe" has received funding from the European Union's Horizon 2020 project call H2020-INFRAEOSC-2018-2020 Grant agreement 831558

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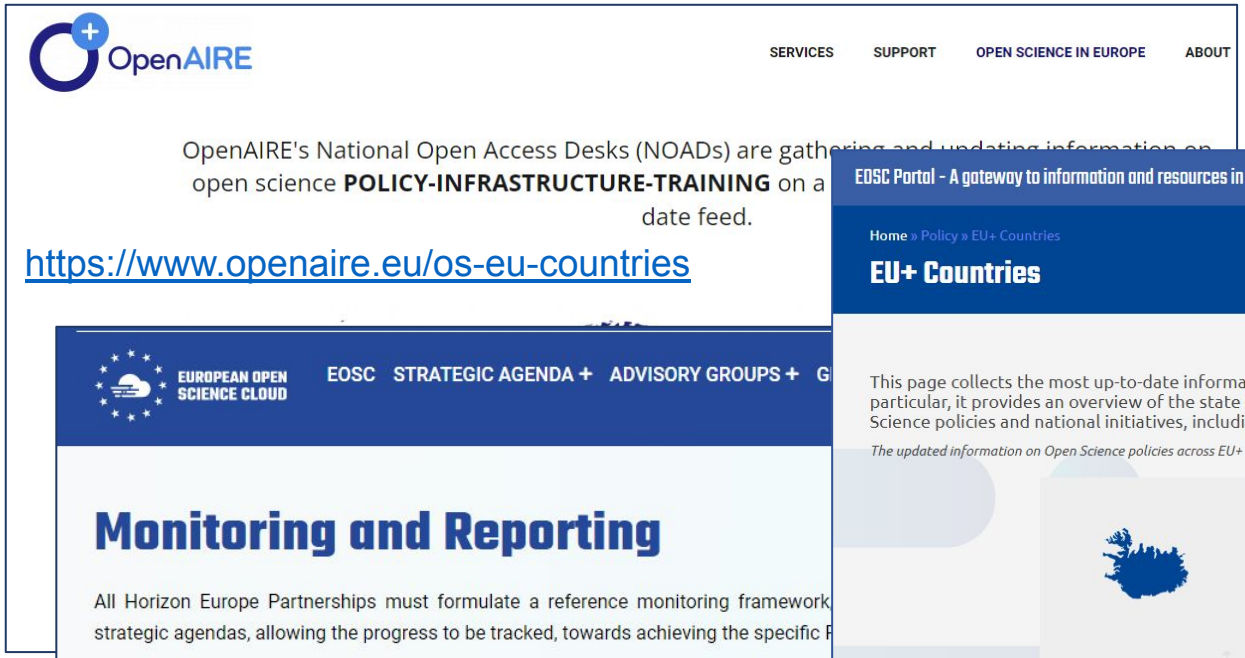
Many mapping the OS policy landscape



https://www.openaire.eu/os-eu-countries

https://www.eosc.eu/monitoring-and-reporting

https://eosc-portal.eu/policy/EU-Countries

Manual process

- Provide narrative policy descriptions
- Mainly at national level
- Hard to compare the content of these policies

AA9 Landscape Monitoring
*Monitor **standardised** national Open Science and FAIR data strategies, including the description of these policies.*

SRIA: https://www.eoscsecretariat.eu/sites/default/files/open_consultation_booklet_sria-eosc_20-july-2020.pdf

FAIR Data Policy Checklist

FAIRsFAIR documents for community review

Home / FAIRsFAIR documents for community review

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The following deliverables are now open for comments by

Draft FAIR Data Policy Checklist

FAIRsFAIR's landscape assessment found that data policies on the instruments used during our policy support progra ensuring their policies align with the FAIR Principles and pr enhancement recommendations and will help users asses recommendations on what policy elements should be add

We'd be very grateful for feedback on the draft FAIR Data F appropriate and if you feel there are policy elements that draft will be open for consultation until February 14, 2022.

https://fairsfair.eu/fairsfair-deliverables-community-review

Policy element	Good practice recommendation	Tick the statement that best reflects your policy	
Title of the policy	To support findability, policies should have a title that makes clear whose policy it is and what the policy relates to.		• The policy has a clear and appropriate title.
			• The title of the policy would benefit from being made more explicit.
			• The policy does not have a title.
Year the policy was introduced	To support both human interpretation and machine actionability, the policy should make clear the period of validity, differentiating between the date it was written and the date it was implemented where necessary.		• The policy clearly states when it came into effect and provides a scheduled review date.
			• The policy clearly states when it came into effect but does not provide a scheduled review date.
			• The policy does not make clear when it came into effect or provide a scheduled review date.
Persistent Identifier (PIDs) of the policy document	PIDs should be assigned to clearly versioned and registered policies to ensure that the right version can be found and fed into machine actionable pipelines. These PIDs should be included in the related metadata record for the policy in registries such as FAIRsharing~~.org~~ or similar.		• The policy has a persistent identifier such as a DOI.
			• The policy is available online but does not have a persistent identifier such as a DOI.
			• The policy is not available online

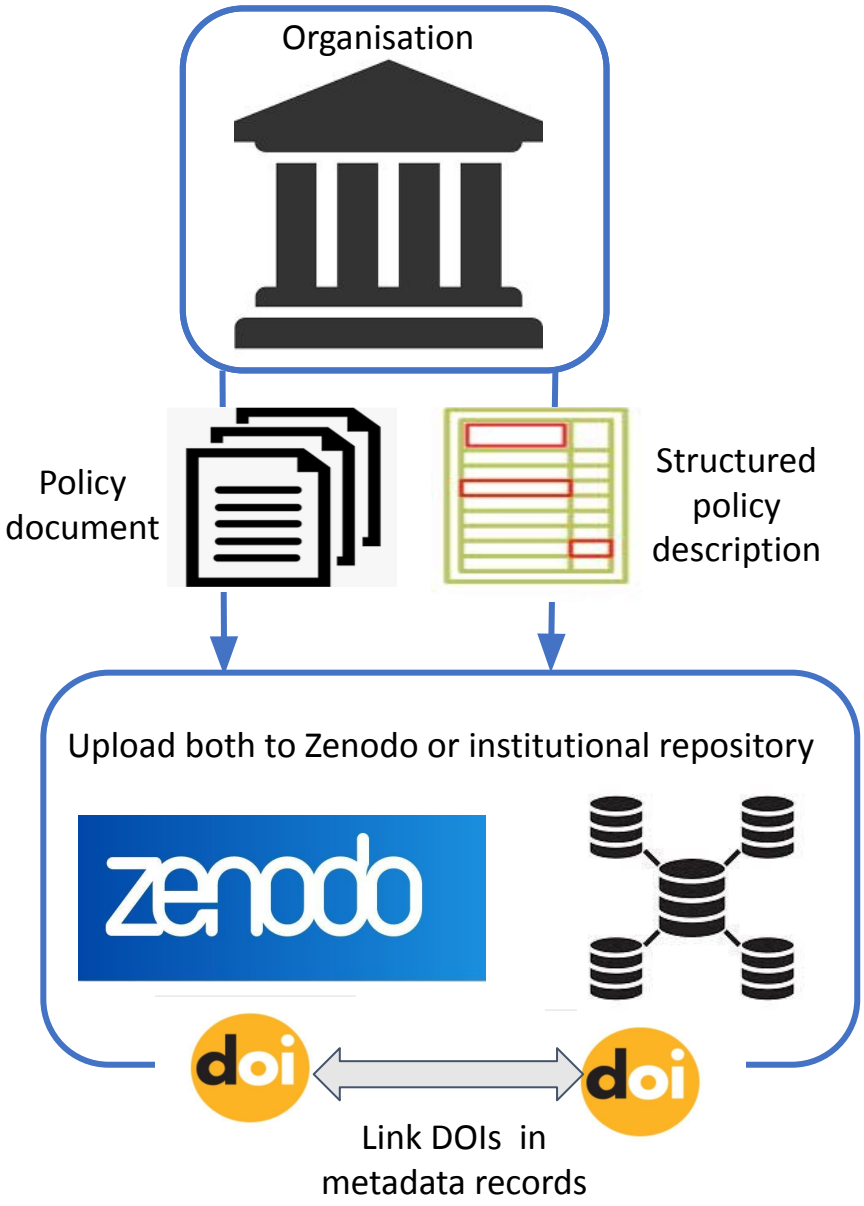
Checklist is basis for characterisation template

FAIRsFAIR Policy Characterisation Form			
Number	**Section**	**Policy Element**	**Options**
1	Policy Context	Title of policy	Free text
2		Availability of the policy	
3		Country/Countries	Free text
4		Year policy was introduced	Free text
5		Status of policy	
6		Policy is scheduled for review	
7		If scheduled for review, when will this take place?	Free text
8		Persistent Identifier (PID) for policy (i.e., not a question about whether policy requires PIDs but rather is there a PID for the policy document itself)	
9		Policy is registered	
10		Subject area/discipline covered	
11		Sub-discipline if applicable	Free text
12		Type of policy	
13		Scope of the policy	
14		Definition of data provided	
15		Sharing research software	
16		Data sharing	
17		Alignment with FAIR principles	
18		Metadata sharing	
19		Exceptions to data sharing are allowed	
20		Policy includes expectation on data management planning (DMP) development	
21		If a DMP should be developed, please indicate the stage at which it should be produced	
22		Is there an expectation that the DMP will be updated and clearly versioned?	

Suggested
Required
Not covered
Other

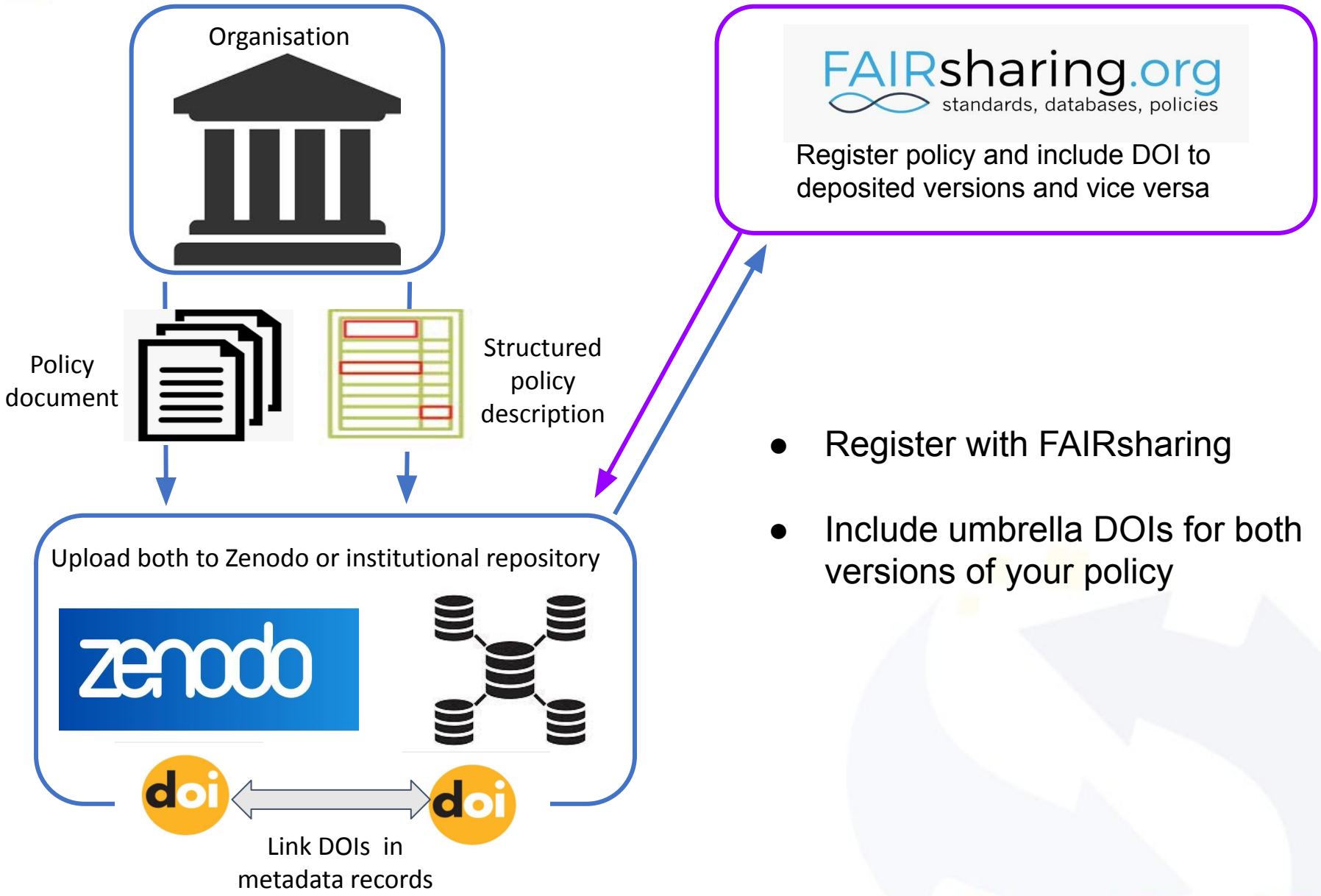
https://docs.google.com/spreadsheets/d/1CcQ9JrrBeqRCOzbuETN1jHOVAgMTM3U8kufHDgGghOc/edit?usp=sharing

Suggested workflow

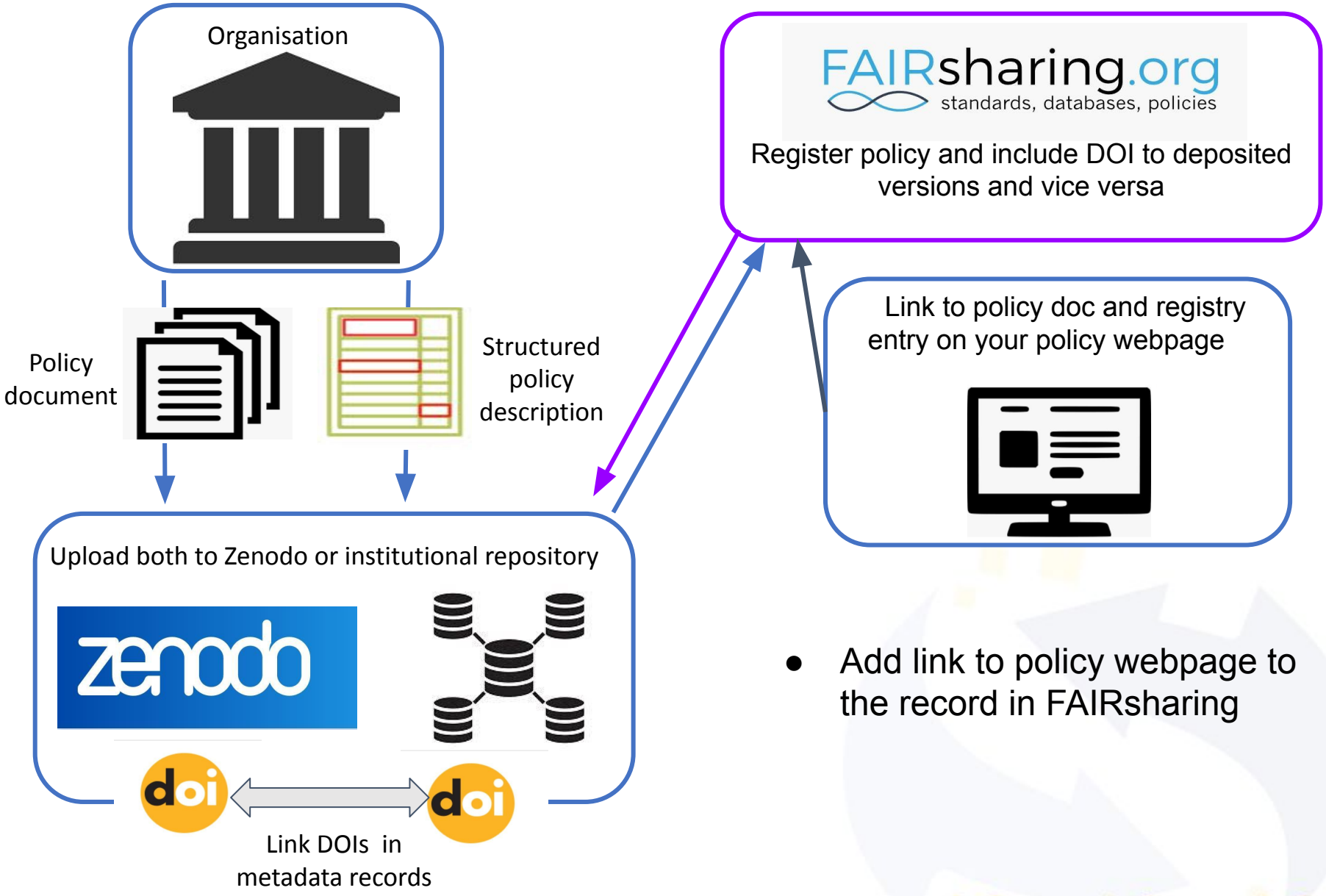


- Deposit clearly versioned policy to repository and allocate a PID
- Deposit structured policy to repository and allocate a PID
- Add PID for structured version of the policy to policy document record and vice versa

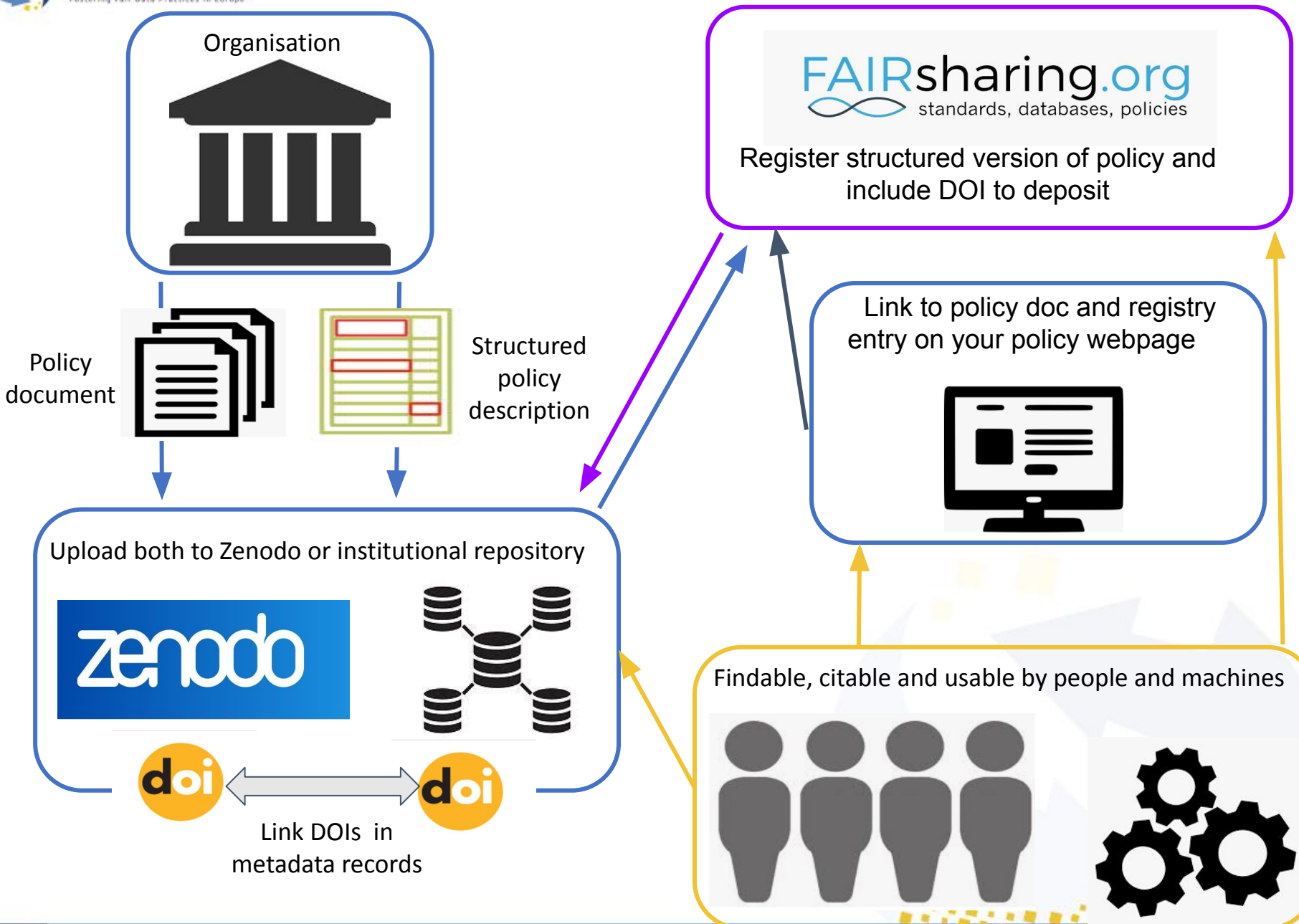
Draft guide: https://docs.google.com/document/d/1HL4PzzHZjkxIk1V3x3sbdbf9C_YVNEQiQbkr2_zuA8M/edit?usp=sharing



- Register with FAIRsharing
- Include umbrella DOIs for both versions of your policy



- Add link to policy webpage to the record in FAIRsharing


Organisation
Policy document
Structured policy description
Upload both to Zenodo or institutional repository
zenodo
doi
doi
Link DOIs in metadata records
FAIRsharing.org
standards, databases, policies
Register structured version of policy and include DOI to deposit
Link to policy doc and registry entry on your policy webpage
Findable, citable and usable by people and machines

Benefits of this approach

- Ensures policies themselves are FAIR
- Removes gatekeepers and ensures policy-makers are in control of updates as needed over time
- Utilises freely available repositories and registries to make policies and structured descriptions FAIR
- Policies and a structured description of their content are available to multiple users for different uses (EOSC Association, SPARC Europe, OpenAIRE, EOSC Future, etc).

Future opportunities

- Potential to align the FsF policy elements with ongoing FAIRsharing metadata review

- Potential to lead to machine readable versions of structured policy descriptions which could support automated landscape monitoring activities and eventual machine actionable workflows

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Thank you!