

IDLab
INTERNET & DATA LAB



Paving the Way from Privacy to Trust

Beatriz Esteves, UGent – imec, BE

beatriz.esteves@ugent.be



p→purpose
lb→legal basis

Uses shoe size
to filter results
lb = consent

Uses shoe size
to filter results
lb = consent

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lb = consent

Uses shoe size
to filter results
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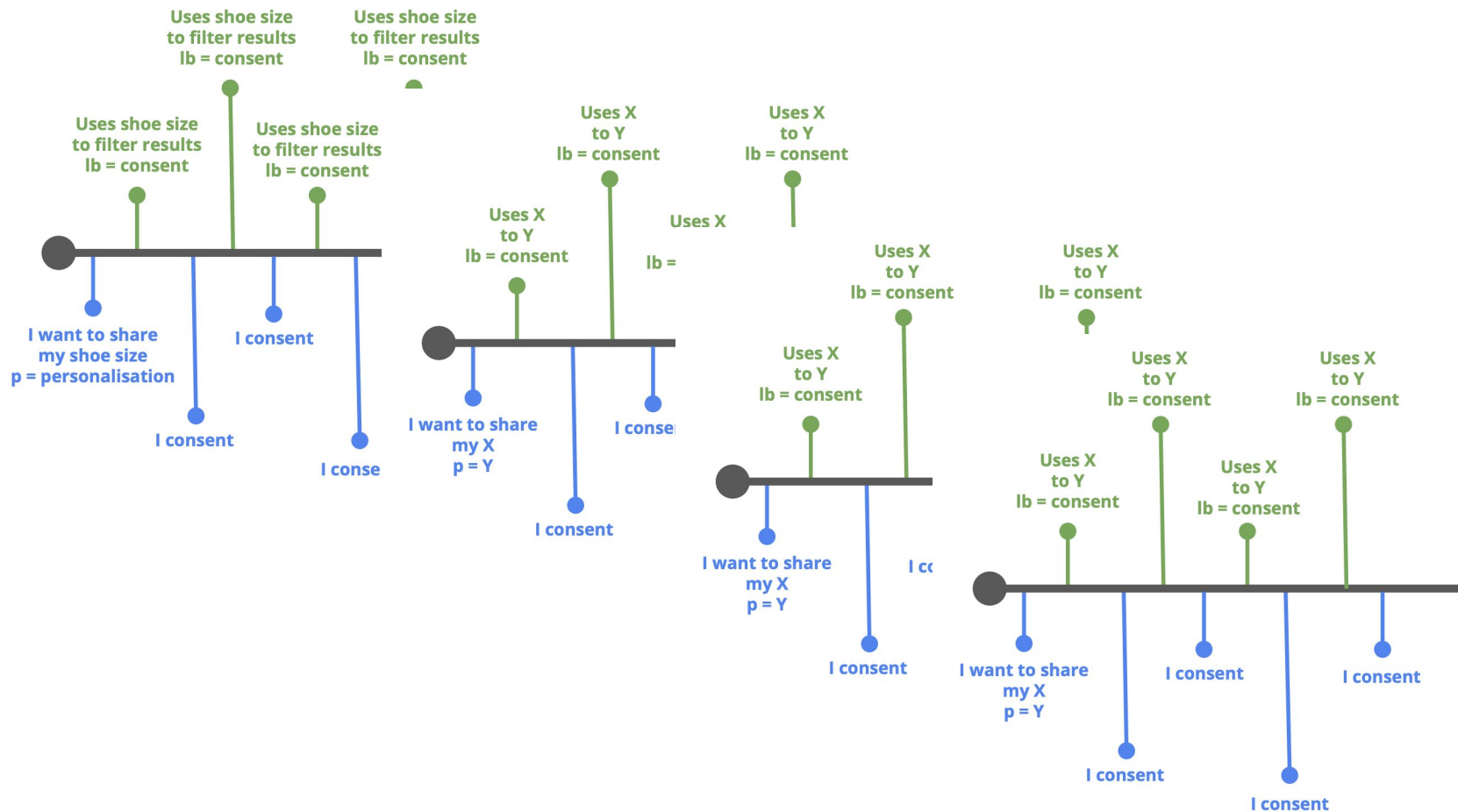
I want to share
my shoe size
p = personalisation

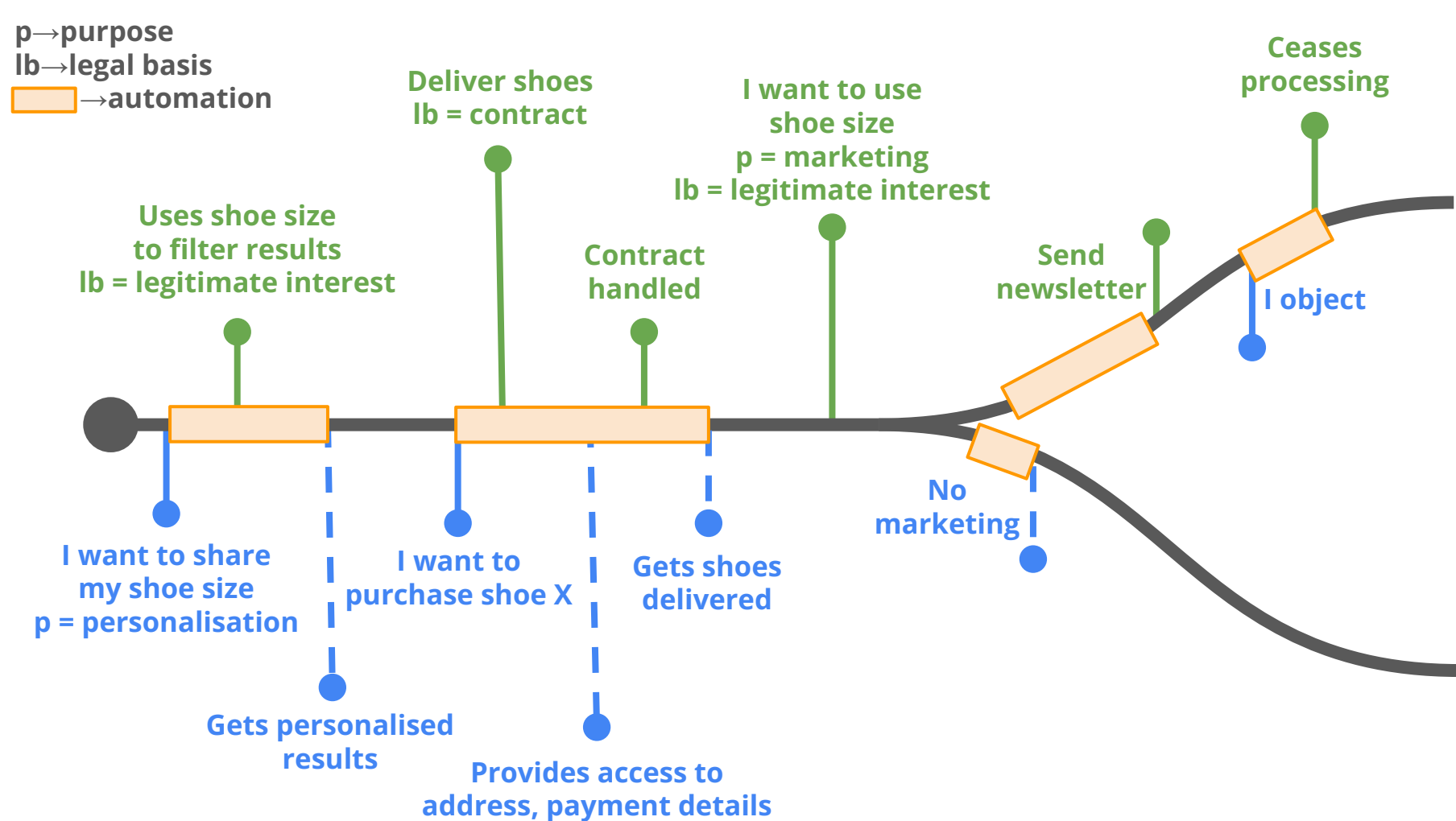
I consent

I consent

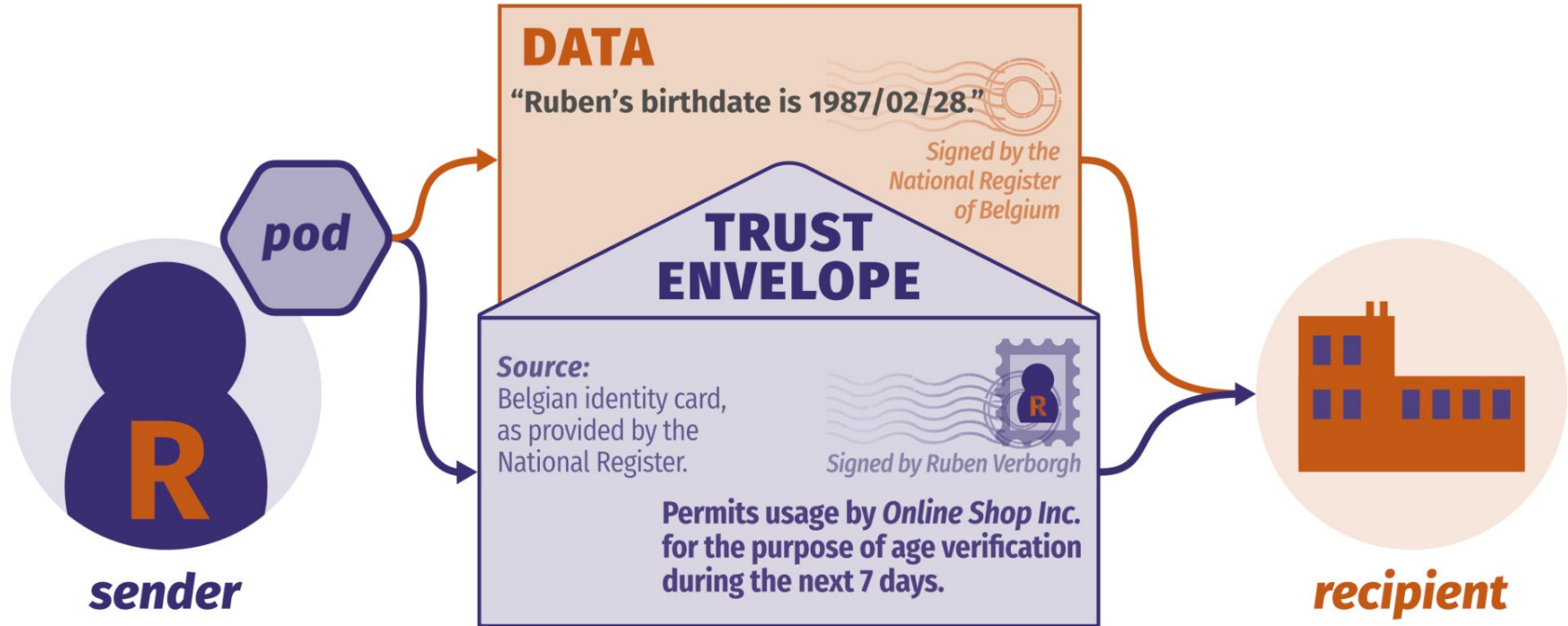
I consent

I consent

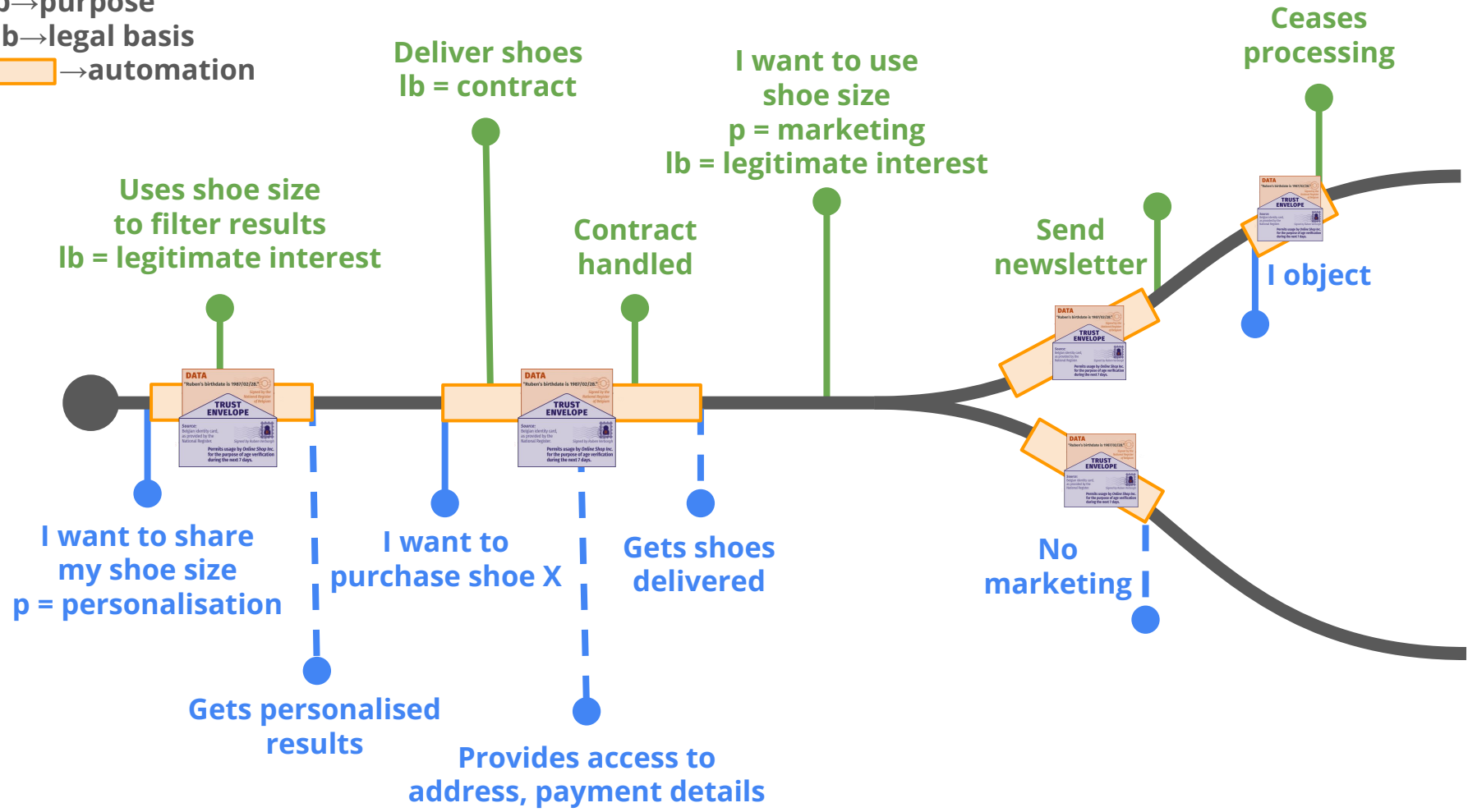




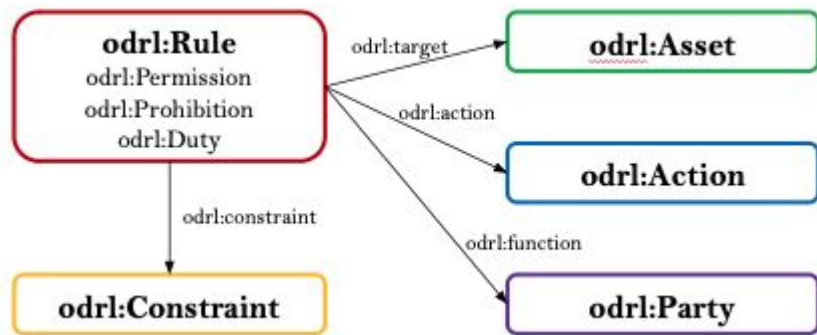
Trust envelopes as vehicles of history & destiny



p → purpose
lb → legal basis
[orange box] → automation



Other semantic standards



Who [can | cannot | must] act what
in which resource how

W3C Open Digital Rights Language (ODRL)

<https://www.w3.org/TR/odrl-model/>

Data Catalog Vocabulary (DCAT) - Version 3



W3C Recommendation 22 August 2024

<https://www.w3.org/TR/vocab-dcat-3/>

PROV-O: The PROV Ontology

W3C Recommendation 30 April 2013

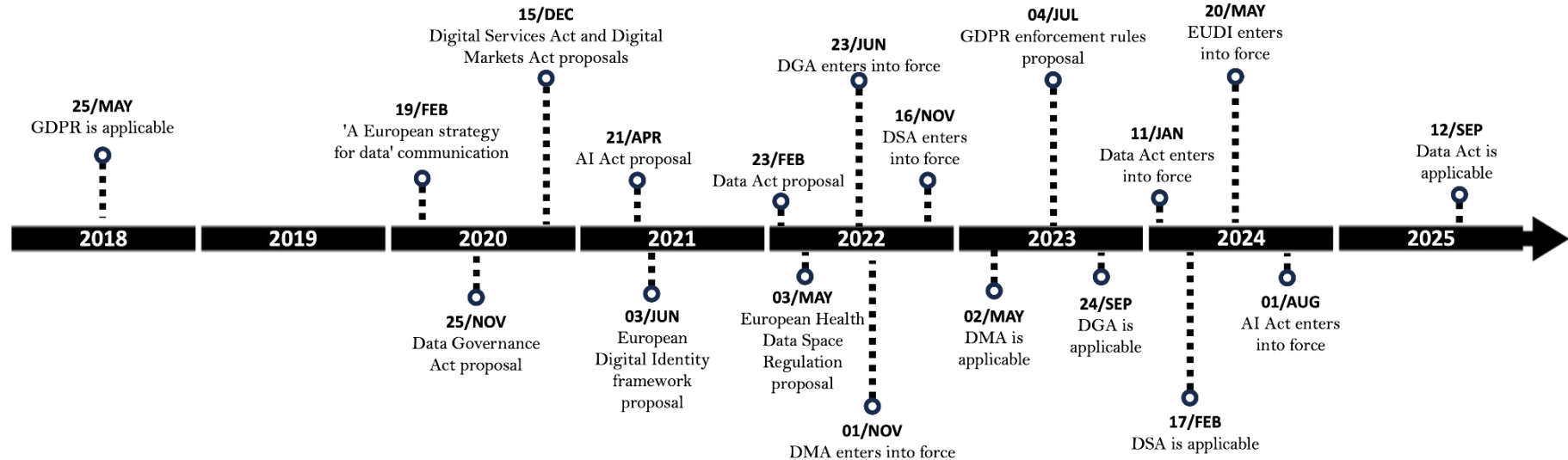
<http://www.w3.org/TR/prov-o/>

 **DublinCore**

DCMI Metadata Terms

<http://purl.org/dc/terms/>

Advancing legal compliance in the Solid ecosystem with DPV



Session: From concept to reality: becoming a pod provider (Friday 25 April, 14h - 17h; room BW0.19)

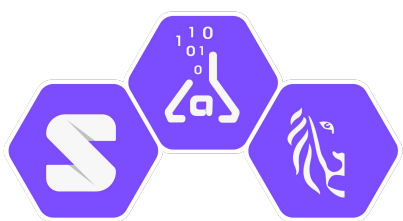
~ NXDG 2025 ~

NeXt-generation Data Governance workshop
2025

co-located with **21st SEMANTiCS**
3-5 September 2025
Vienna, Austria

<https://w3id.org/nxdg/2025>





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