

IDLab  
INTERNET & DATA LAB



# Paving the Way from Privacy to Trust

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p→purpose  
lb→legal basis

Uses shoe size  
to filter results  
lb = consent

Uses shoe size  
to filter results  
lb = consent

Uses shoe size  
to filter results  
lb = consent

Uses shoe size  
to filter results  
lb = consent



I want to share  
my shoe size  
p = personalisation



I consent



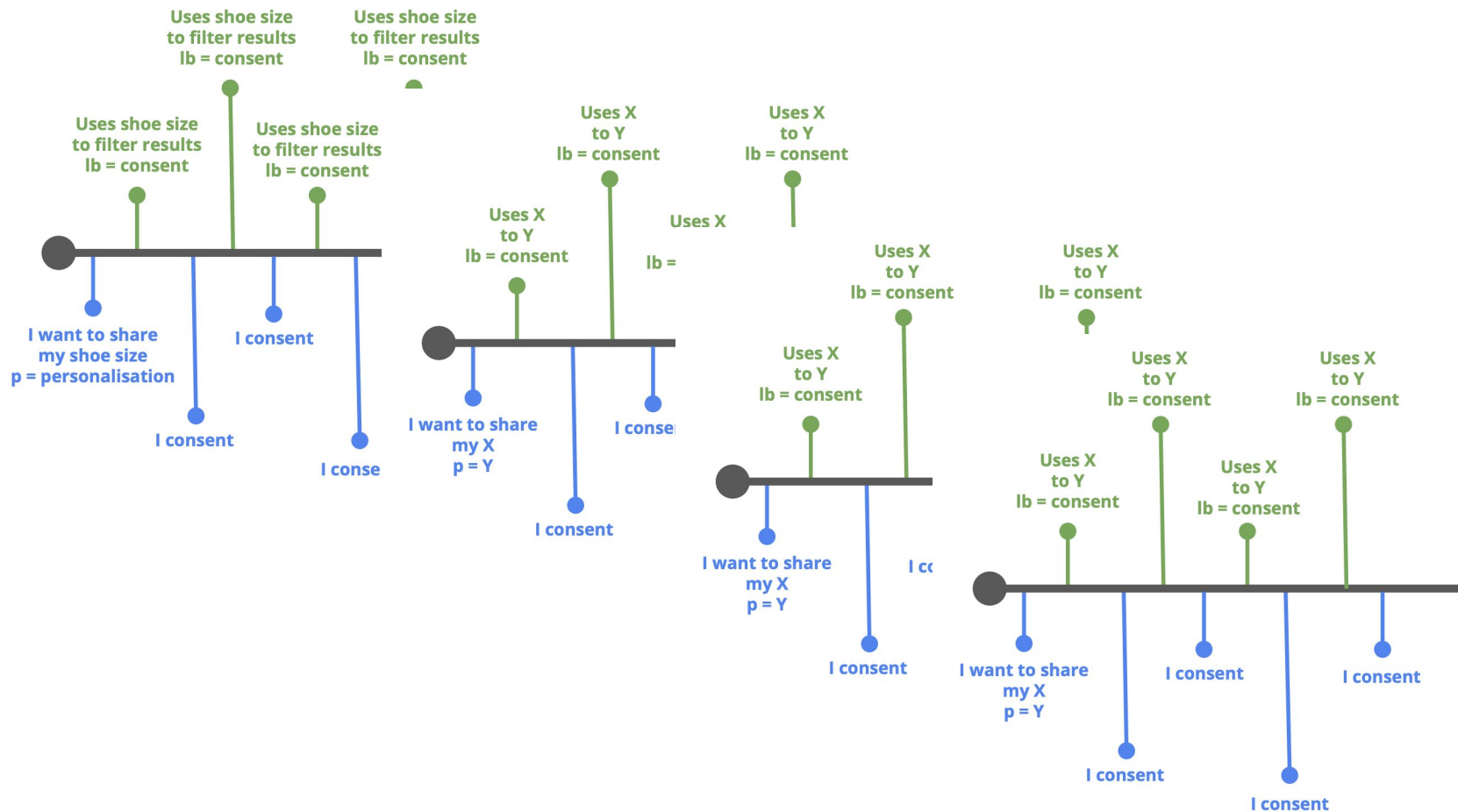
I consent



I consent

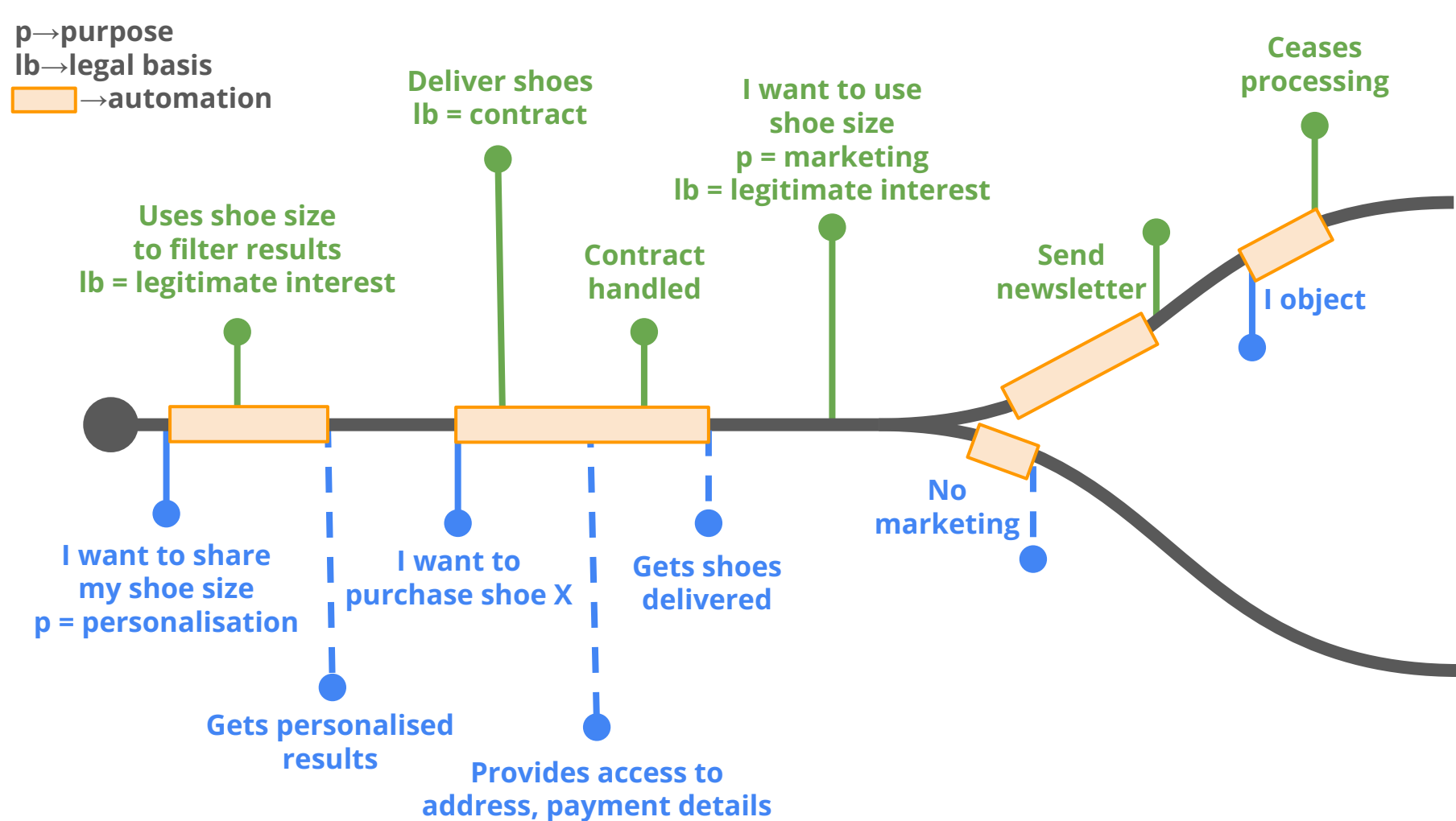


I consent

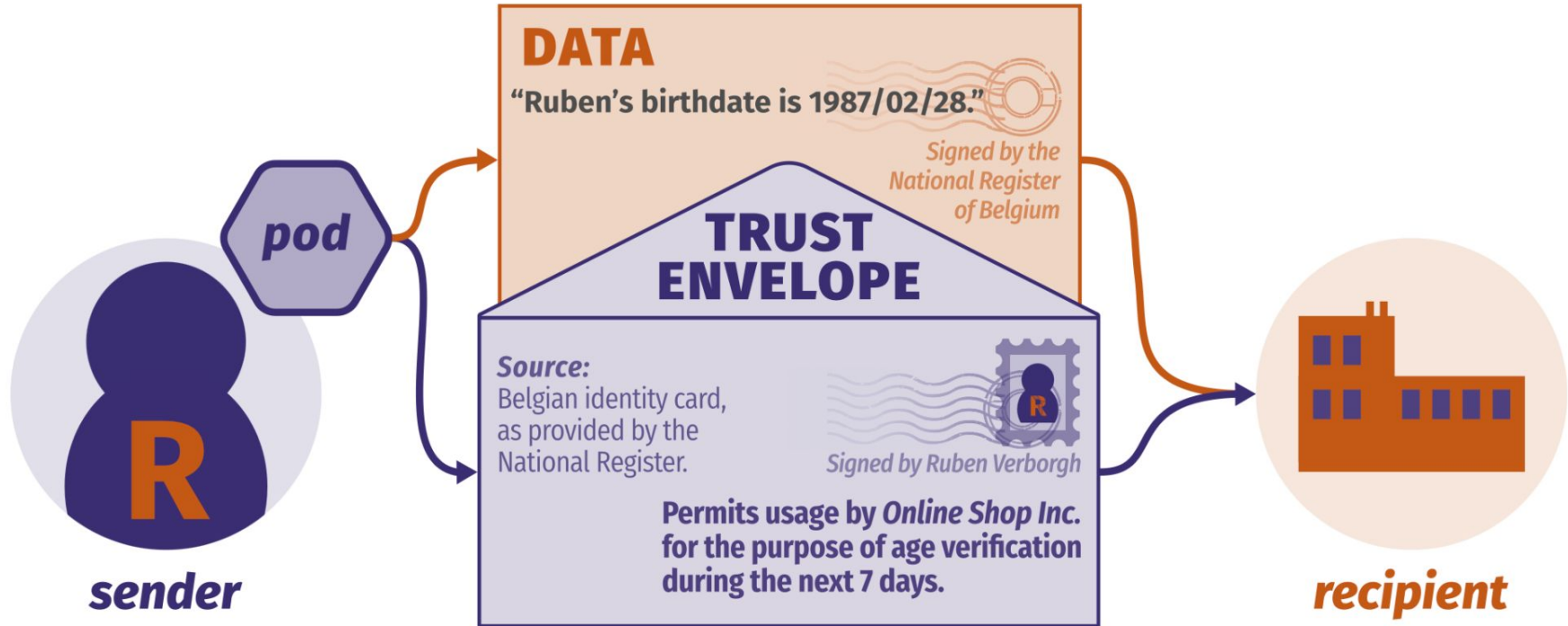




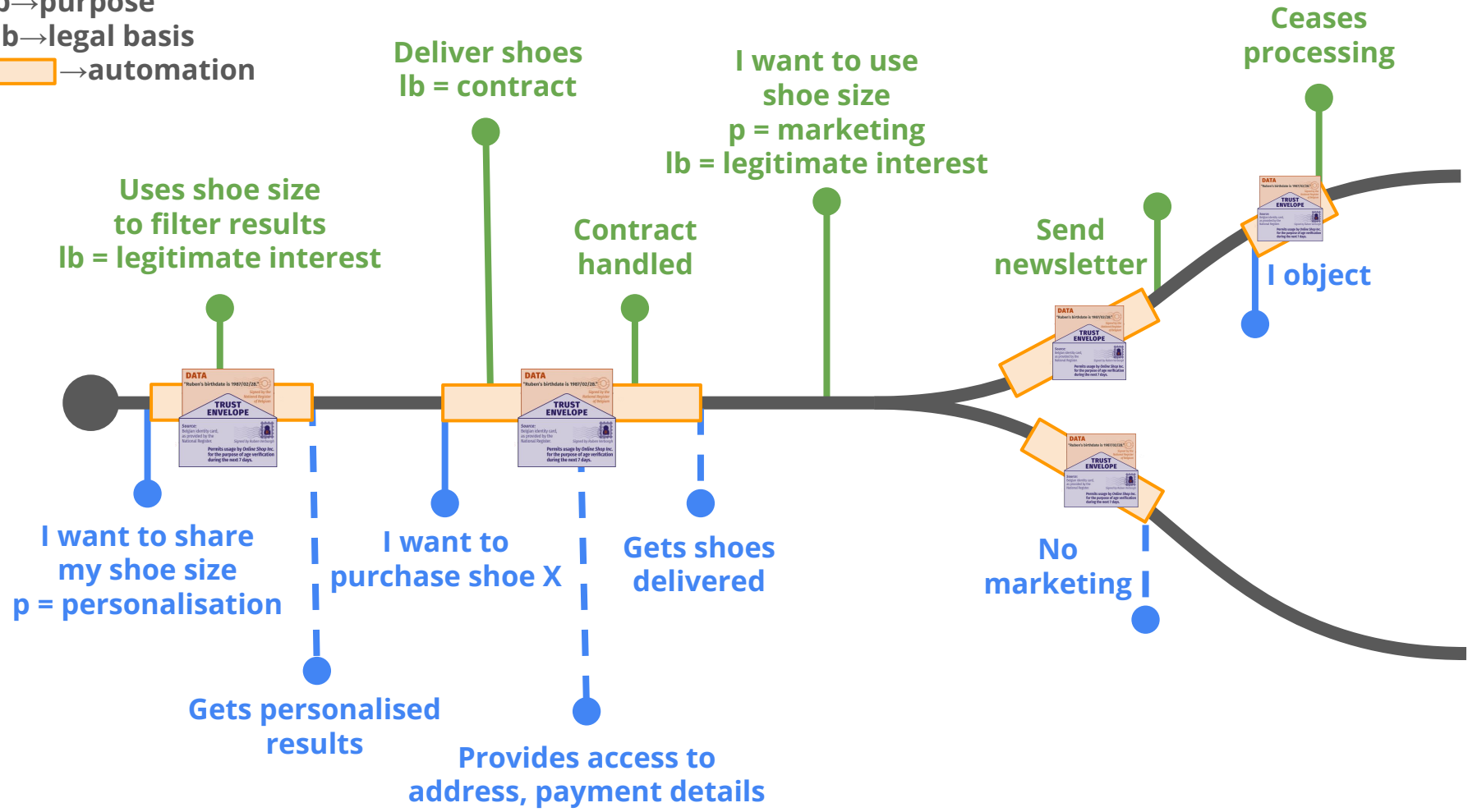
wants to be  
Dobby ~~is~~  
a Free Elf



# Trust envelopes as vehicles of history & destiny



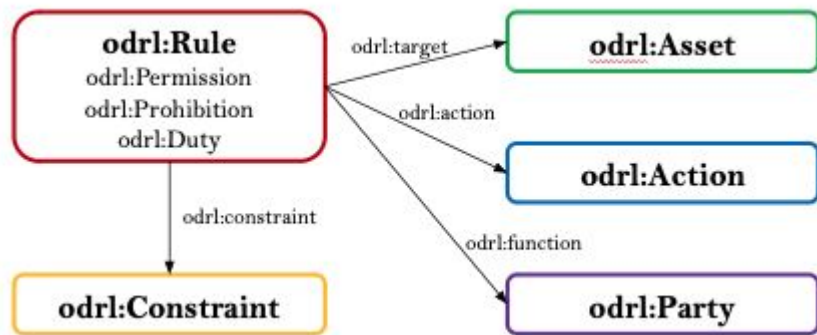
p→purpose  
lb→legal basis  
[orange box]→automation







# 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

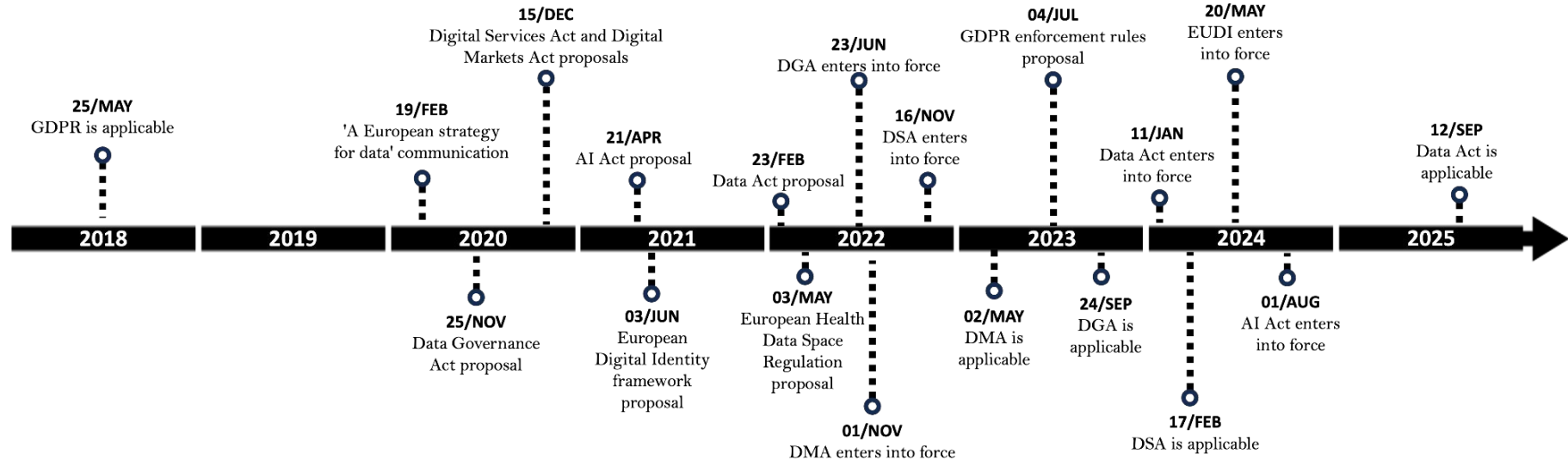
<http://www.w3.org/TR/prov-o/>

 **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)

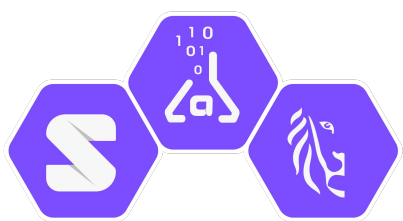
# ~ NXDG 2025 ~

NeXt-generation Data Governance workshop  
2025

co-located with 21<sup>st</sup> SEMANTiCS  
3-5 September 2025  
Vienna, Austria

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





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