



Engaging Content
Engaging People

A World
Leading SFI
Research
Centre



GDPR, Consent, and Semantic Web

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HOST INSTITUTION



Trinity College Dublin
Coláiste na Tríonóide, Baile Átha Cliath
The University of Dublin

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Research Goal

Use of semantic web technologies to assist with GDPR compliance

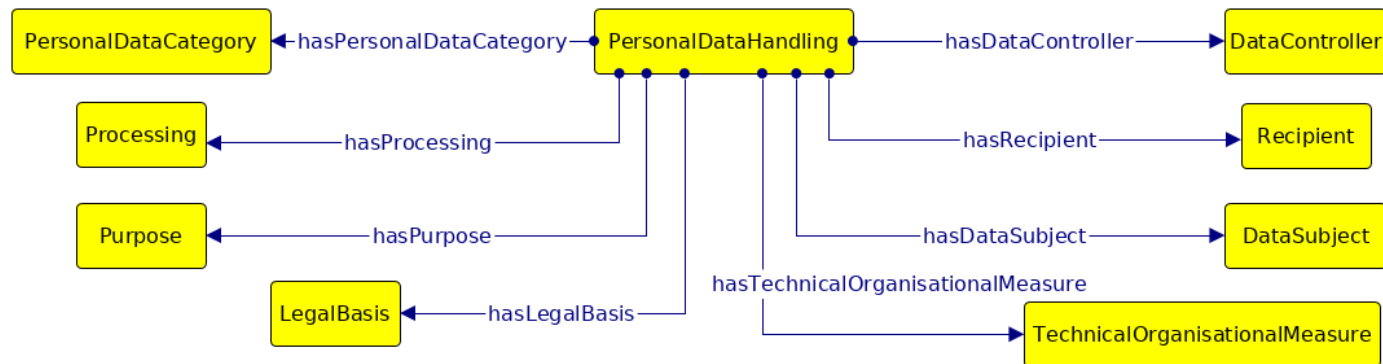
<https://openscience.adaptcentre.ie/> ← OA publishing of resources

1. Linking information with clauses of GDPR
2. Representing information
 - a) Activities associated with personal data and consent
 - b) Consent metadata
3. Validating information
4. Querying information
5. Build a compliance ‘knowledge-graph’



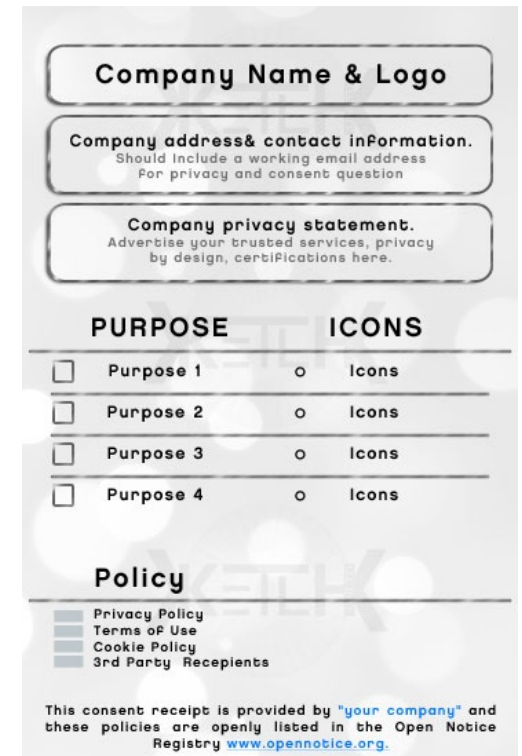


- Data Privacy Vocabularies and Controls W3C Community Group (DPVCG) <https://www.w3.org/community/dpvcg/>
- A collaboration of academic researchers, legal experts, data protection officials, and industry stakeholders
- Goal: standardize vocabulary for “data processing” based on GDPR
- Published: Data Privacy Vocabulary (DPV) <https://www.w3.org/ns/dpv>
- Editor of DPV; Acting as co-chair since Jan 2020





- Kantara is a non-profit initiative that has developed
- Consent Receipt utilised in ISO/IEC DIS 29184 Information technology
— Online privacy notices and consent
- AdvCIS is a WG within Notice & Consent project
- Goal: ‘Global’ specification for consent receipt
- Contributor to AdvCIS and DPVCG liason
- Editor of Consent Receipt v2



The image shows a template for a consent receipt form. It includes sections for company information, a table for purposes and icons, a policy section, and a footer with a disclaimer.

Company Name & Logo

Company address & contact information.
Should include a working email address
For privacy and consent question

Company privacy statement.
Advertise your trusted services, privacy
by design, certifications here.

PURPOSE	ICONS
<input type="checkbox"/> Purpose 1	<input type="radio"/> Icons
<input type="checkbox"/> Purpose 2	<input type="radio"/> Icons
<input type="checkbox"/> Purpose 3	<input type="radio"/> Icons
<input type="checkbox"/> Purpose 4	<input type="radio"/> Icons

Policy

- Privacy Policy
- Terms of Use
- Cookie Policy
- 3rd Party Recipients

This consent receipt is provided by "your company" and these policies are openly listed in the Open Notice Registry www.opennotice.org.

That sums up 2016 - 2020

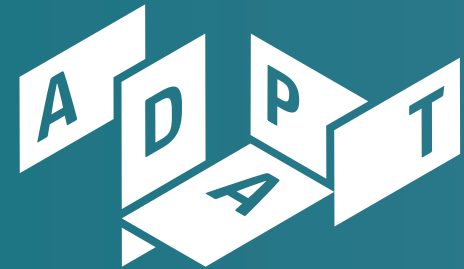


Harsh

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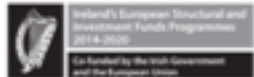
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