Architecting Consent
with open standards

Joss Langford
joss@coelition.org
@data2life
social & ethical

legal & compliance

technical & process
Open tools already exist to make consent work

An ecosystem approach is essential

Consent & notice are dynamic personal data
A privacy-by-design approach to organising data about people
static personal data

Directly Identifying Personal Data

Behavioural Data “ATOMS”

dynamic personal data

PSEUDONYMISATION

DATA TYPES
Event-coded, micro-structured data using a common semantic taxonomy with consent coded in every atom.
CONSENT ATOMS

- grant consent
- receive consent
- revoke consent
- display notice
- ack. notice

Classification of Everyday Living
ATOMIC CONSENT

Jurisdiction
Time of consent
Retention Period
Purpose
Policy URL
Record ID
Record Service
MANAGING CONSENT

Centralised Repository

Personal Data Store

Distributed Ledger