



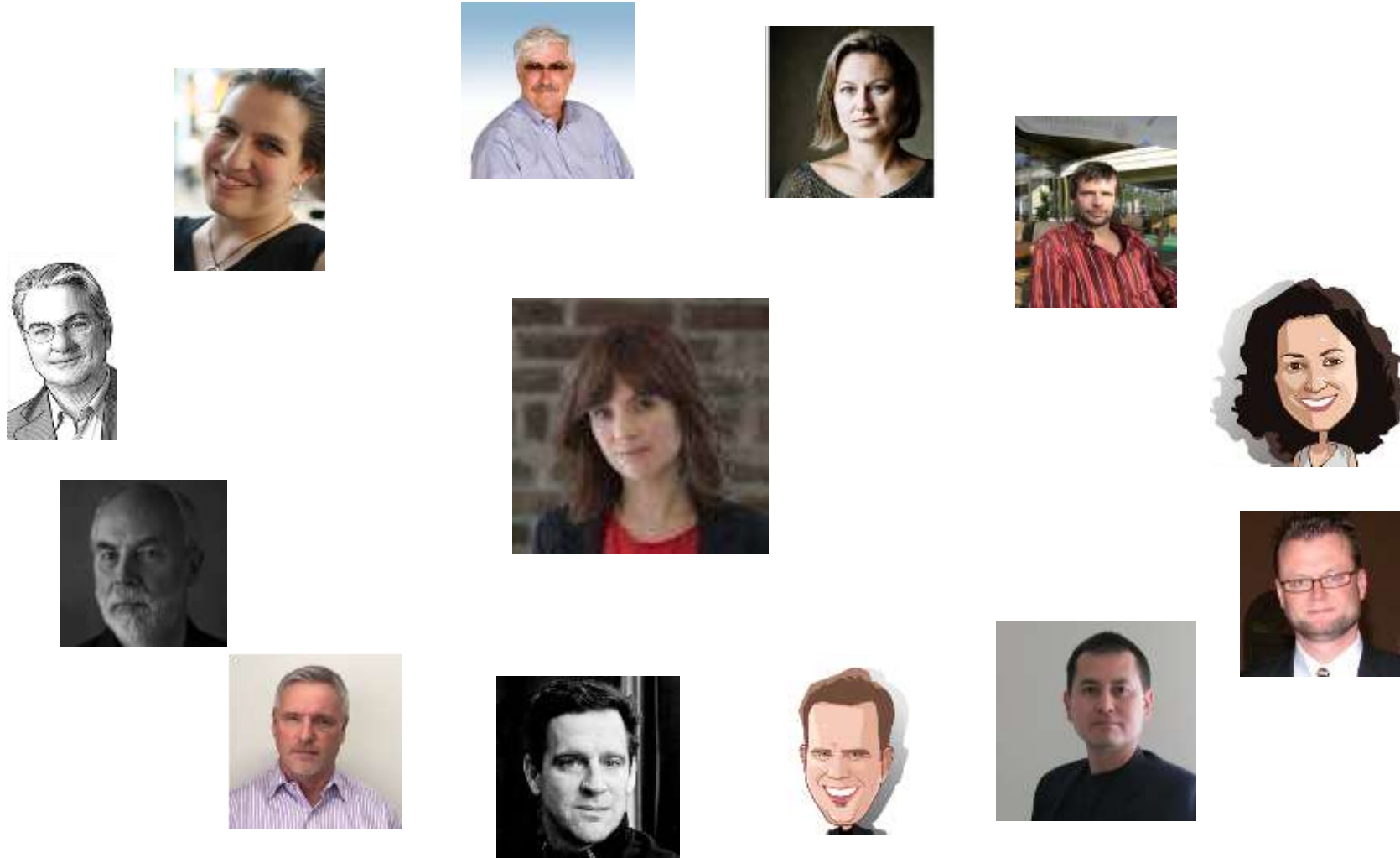
Government support for Industry Consortia and why it matters

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Setting the scene

Canada has competitive advantage in digital identity

(but let's not talk about rugby!)



The Identity consortia Landscape



Representative examples of Government membership in consortia

Global Consortia Members (examples)	FIDO DTO (AU), BSI (DE), ETRI (KR), GDS (UK), NIST (US),	Kantara DTO (AU), TBS (CA), DIA (NZ), GSA (US)	OIDF Alexandra Institute (DK), ONC (US)	OIX GDS UK, SoJ (British Isles)	Others			
Jurisdictional (examples)	Co-ordination Network eID (EU MSs)	DIACC (CA)	GDS/CESG (UK)	IDESG (US)	SIA (EU)	Others		
Global Standards Orgs with some identity related works	ETSI	ENSIA	GSMA	IETF	ISO	ITU-T	OASIS	W3C

Existing standards & Trust Frameworks for Digital Identity

International bodies have long been working on the problem at many levels ...

Policy level (examples)	NSTIC USA	GPGs 43- 45 UK	eID Regulation Implementing Acts		Cyber Authn Renewal Initiative, Directive on Identity Mgt (CA)		Others
Technical Level (examples)	ISO 24760 parts 1-3 (Overview)	ISO 29115 ITU-T x.1254 (Authentication)	ISO 29003 (draft) (Identity Proofing)	EC CEF Building blocks	NIST800-63-3 (draft) Authentication	FIDO UAF & U2F Authentication	
Messaging Level (examples)	SAML 2.0	OpenID Connect profile of OAuth	Mobile Connect profile of OAuth	UMA profile of OAuth			
Trust Framework (examples)	FICAM TFS GSA US	GTRI US	IDEF IDESG US	REFEDS Edu /global	Kantara IAF global	eID & TS Cooperatio n Network EU	Pan-Canadian Trust Framework CA

Diving deeper..

Typical reasons for Govs not supporting consortia

- Perceived policy restriction due to Consortia's corporation structure
- Perceived policy restriction due to Consortia's incorporation location
- Budget restriction from authorizing agency
- Resource restriction from authorizing agency
- Perceived insufficient compelling member value
- Inaccurate assumptions made about membership dues structure

Typical reasons for Govs supporting consortia

- Gain early insight into new developments – passive ‘lurking’
- Reduce friction with procurement rules - neutral/open playing field
- Support and leverage innovations of interest – in Kantara’s case, Identity Assurance Framework – also could be ID Pro, Consent Receipt, KIPI, UMA
- Be perceived as global ‘good actor’

Representative examples of active Government engagement in consortia

FIDO	NIST For Privacy Public Policy WG				
KANTARA	DHS for CCICADA 'KIPI' R&D	GSA for FICAM TFS	GDS Cabinet Office mapping of FICAM and IAF to CESG GPGs	Indirect: DIACC - Kantara Letter of Intent for DIACC to use Kantara's derivative works IDESG: - Kantara Liaison; mapping IDEF to IAF	NIST for mapping IDESG IDEF requirements to Kantara IAF requirements
OIDF	ONC for FHIR (Fast Healthcare Interop Resources)	GDS & NIST for iGov (Profile OpenID Connect)			
OIX	GDS support of OIX UK				

Representative examples of Government membership in consortia (repeat)

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Government \$upport ≠ Government engagement

Consortia benefits typically over-looked by Govs

- Reduce duplication of effort by re-using or profiling existing artefacts
- Increase productivity and effectiveness by using the consortia's global development and publishing platforms
- Support and leverage innovations of 'latent' interest – in Kantara's case – the Personal Data community
- Ability to direct-sponsor Gov's own developments for broader adoption and influence beyond borders
- Increase global convergence and interoperability
- Access to global policy-making bodies unattainable via Government hierarchy and silos
- Enrichen the community – conferences, webinars, engagement

Take-away messages from consortia for Government

- Government and industry non-profits are symbiotic
- Government support 'of the rising tide, lifts all boats'
- Government can achieve (potentially) huge cost-benefit if MANAGED
- Government should include 'consortia' programs and membership to the strategic plan - and budget for them
- Do it now



Join. Innovate. Trust.

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