

FORUM ON TAX ADMINISTRATION

**DIGITAL IDENTITY:
A key building block of digital
transformation**

Paul Marsh
FTA Secretariat

Digital Transformation of Tax Administration

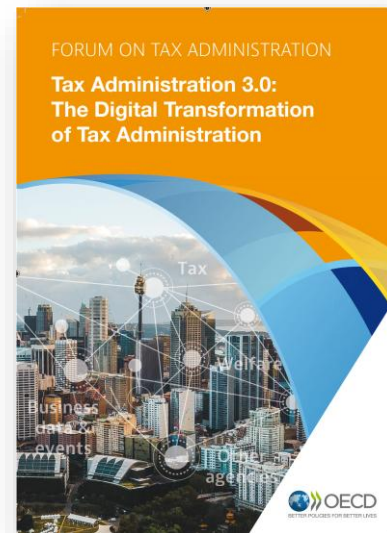
Tax Administration 3.0 - a vision of digitally transformed tax administration

- Taxation process decentralised and embedded in taxpayers' systems

Key benefits

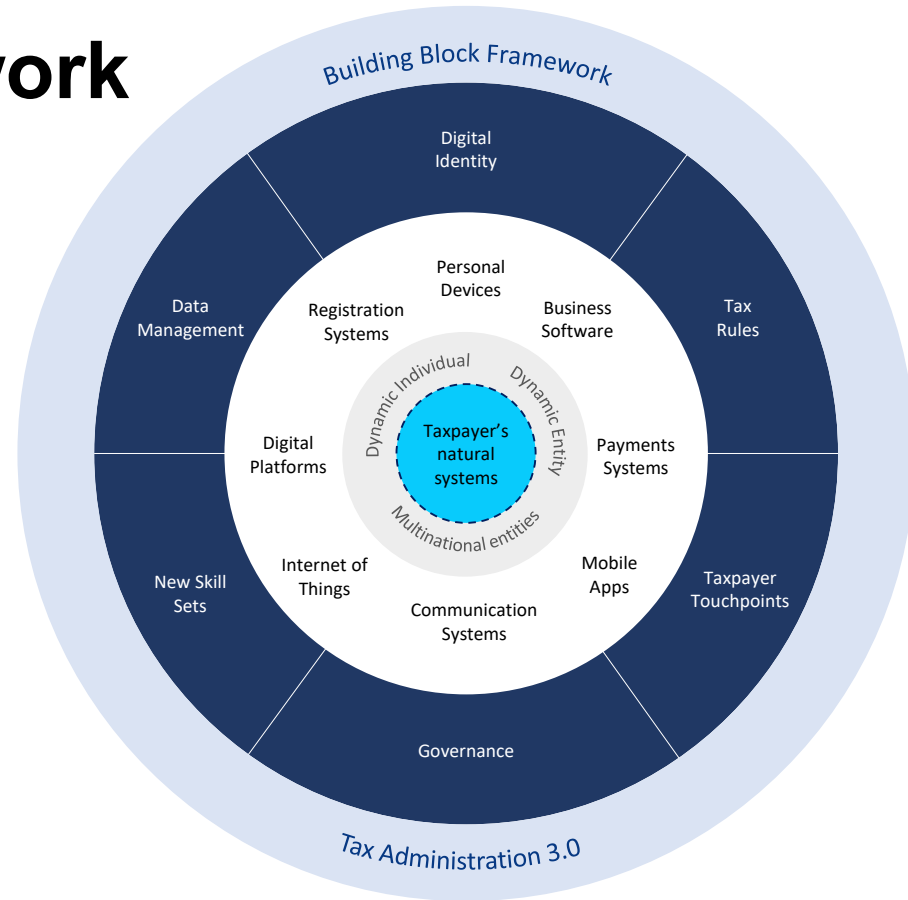
- Reduced compliance burdens
- Remove manual processes and reduced errors
- Open up new policy choices and simplification opportunities

⇒ **Seamless taxation**

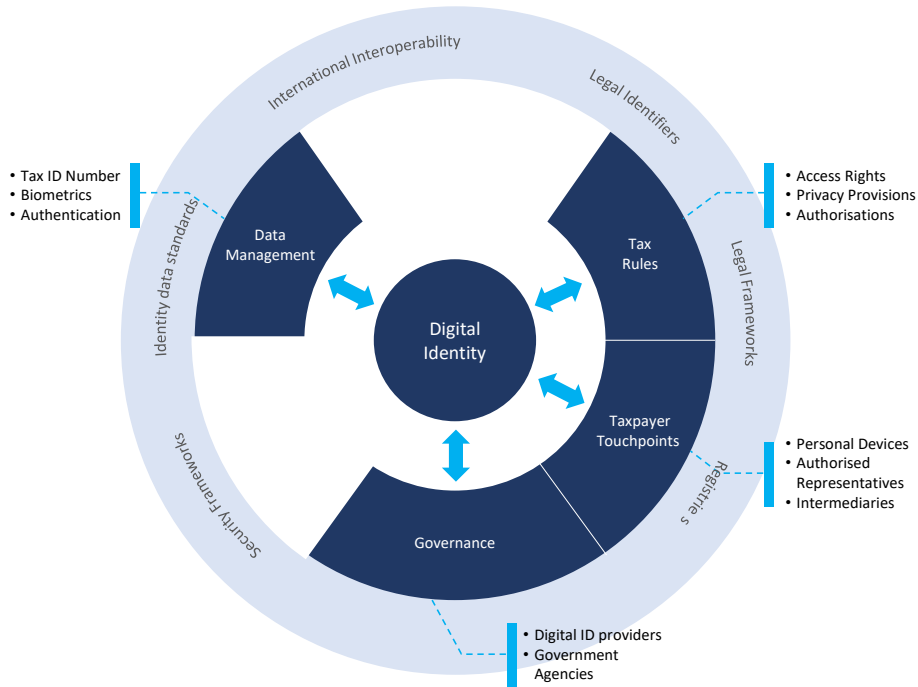


Building Block Framework

1. Digital Identity
2. Taxpayer touchpoints
3. Data management and standards
4. Tax rule management and application
5. New skill sets
6. Governance frameworks



Digital Identity is a key building block



- Enables the ecosystem by providing certainty for actors
 - Allows data systems to interact with each other
 - Supports the automatic application of tax rules as an integral part of daily and business life,
- Reduces friction (i.e. not requiring multiple different log-ins)

Digital ID wallets are growing globally

Country	Primary eID / scheme(s)	Relevance	VC/Wallet support (indicative)
Australia	myID / myGovID; Australian Government Digital ID System	National digital ID expanding to public & private sector.	National wallet pathway (myID app); VC model TBC.
Austria (EU)	ID Austria	eIDAS-notified; part of EU wallet ecosystem.	EUDI Wallet (planned per EC); strong alignment.
Belgium (EU)	itsme®, Belgian eID	itsme® is eIDAS-notified; high adoption.	EUDI Wallet (planned); existing mobile ID ecosystem.
Canada	PCTF (Pan-Canadian Trust Framework)	Interop trust framework across public/private sectors.	TBC (federated VC pilots emerging).
Chile	ClaveÚnica; new digital ID/cedula roll-out	Government digital ID for e-services; new digital ID program.	TBC/partial (national wallet signals emerging).
Colombia	Cédula Digital (national eID)	National smart ID (not eIDAS); gov digital push.	TBC (wallet/VC posture not yet public at scale).
Costa Rica	Firma Digital; national ID (cédula)	Government digital signature & identity infra.	TBC (VC/wallet posture not yet public).
Czechia (EU)	eObčanka / NIA ID	eIDAS scheme; EU wallet track.	EUDI Wallet (planned).
Denmark (EU)	MitID	eIDAS-aligned; high penetration.	EUDI Wallet (planned).
Estonia (EU)	ID-kaart, Mobile-ID, Smart-ID	Mature PKI eID; eIDAS-notified.	EUDI Wallet (planned).
Finland (EU)	FTN / bank IDs / eID card	eIDAS ecosystem; bank-ID federation.	EUDI Wallet (planned).
France (EU)	FranceConnect / FranceConnect+ (La Poste); CNle	Notified scheme; EU wallet track.	EUDI Wallet (planned).
Germany (EU)	Personalausweis (online eID)	eIDAS; strong PKI.	EUDI Wallet (planned).
Greece (EU)	gov.gr wallet / national eID card	EU wallet alignment.	EUDI Wallet (planned).
Hungary (EU)	eSzemélyi (eID card)	eIDAS scheme.	EUDI Wallet (planned).
Iceland	Íslykill / electronic IDs	EEA (not EU); strong national eID.	TBC/partial (no EU wallet mandate).
Ireland (EU)	MyGovID	eID gateway; EU wallet track.	EUDI Wallet (planned).
Israel	Biometric ID / gov digital ID	Smart ID and digital services posture.	TBC (wallet/VC posture not yet public).
Italy (EU)	SPID, CIE	Widely used; CIE is eID card; eIDAS.	EUDI Wallet (planned).
Japan	My Number Card (national ID)	Government-run digital ID; Apple wallet integration.	Mobile wallet support expanding; VC posture TBC.
Korea (Rep. of)	Mobile Resident Registration Card / Mobile ID	National mobile ID expanding; DID-influenced program.	National mobile ID wallet; VC posture TBC.
Latvia (EU)	eID / eParaksts	eIDAS scheme.	EUDI Wallet (planned).
Lithuania (EU)	eID / Mobile-ID	eIDAS scheme.	EUDI Wallet (planned).
Luxembourg (EU)	LuxTrust / eID	eIDAS; x-border services.	EUDI Wallet (planned).
Mexico	e.firma (SAT), CURP (identifier)	National identifiers used in tax & admin contexts.	TBC (no public VC/wallet program at scale).
Netherlands (EU)	DigiD, eHerkenning	eIDAS ecosystem.	EUDI Wallet (planned).
New Zealand	RealMe (login + verified identity), Trust Framework for VCs	Government agencies are moving towards issuing VCs.	TBC/partial (national VC wallet forthcoming).
Norway	BankID	National eID used broadly; high assurance.	TBC/partial (national BankID app; VC alignment TBC).
Poland (EU)	mObywatel / eDO	eIDAS ecosystem; digital ID app.	EUDI Wallet (planned).
Portugal (EU)	Cartão de Cidadão / Autenticação.gov	eIDAS; advanced PKI.	EUDI Wallet (planned).
Slovakia (EU)	eID	eIDAS.	EUDI Wallet (planned).
Slovenia (EU)	SI-PASS / eID	eIDAS.	EUDI Wallet (planned).
Spain (EU)	DNle / Cl@ve	eIDAS; strong eID footprint.	EUDI Wallet (planned).
Sweden	BankID	De facto national eID; very high adoption.	TBC/partial (national app; VC alignment TBC).
Switzerland	SwissID; forthcoming state e-ID	SwissID widely used; state e-ID program underway.	TBC/partial (no EU wallet mandate; likely EUDI aligned).
Türkiye	e-Devlet, TCKK eID card	Government portal + smart ID.	TBC (VC/wallet posture not yet public).
United Kingdom	DIATF; GOV.UK Wallet (announced but not launched)	Scheme of private IDV providers + Government wallet.	TBC/partial (national VC wallet forthcoming).
United States	mDL supported in Apple/Google Wallet in several states	mDL standard & wallet support; online (18013-7) emerging.	Mobile wallet support (Apple/Google) for mDL; VC posture TBC.

How can we leverage this?

- Reduce friction for business and taxpayers
- Enable GVS in reporting requirements
- Increase the utility of data exchanges
- Create new taxpayer services not just a focus on taxpayer compliance



FTA Project



Closer to real-time identification of a mutual customer/taxpayer

- Integrating country digital ID systems with business systems

Digital Identity
Wallet John Smith

**Tax Authority is requesting
to add Tax Information
Verifiable Credential to
your Wallet**

First Name
John

Last Name
Smith

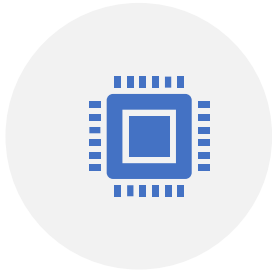
Date of Birth
01.01.2000

Address
Address line

Taxpayer Identification Token
0434u032t8fkl12

Accept **Cancel**

Interoperability is our key focus



TECHNICAL INTEROPERABILITY IS
CRUCIAL FOR EFFICIENT CROSS-
BORDER TAX PROCESSES.

Key Focus



SEMANTIC INTEROPERABILITY
ENSURES THAT SYSTEMS “SPEAK
THE SAME LANGUAGE”



ESTABLISHING TRUST BETWEEN
DIFFERENT SYSTEMS IS A KEY
CHALLENGE.

...with a flavour of these

The Future of Information Exchange?

- More real time information exchange
- Enables global taxation processes across borders
- Reduced friction
- Improved services



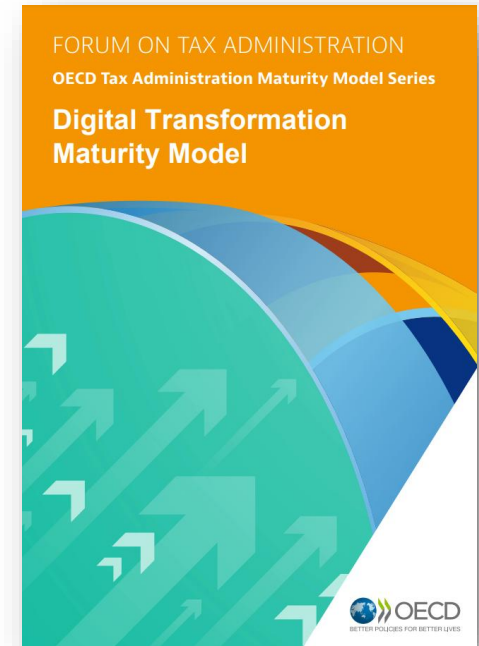
Photo: Adobe Stock

Supporting transformation journeys

Digital Transformation Maturity Model

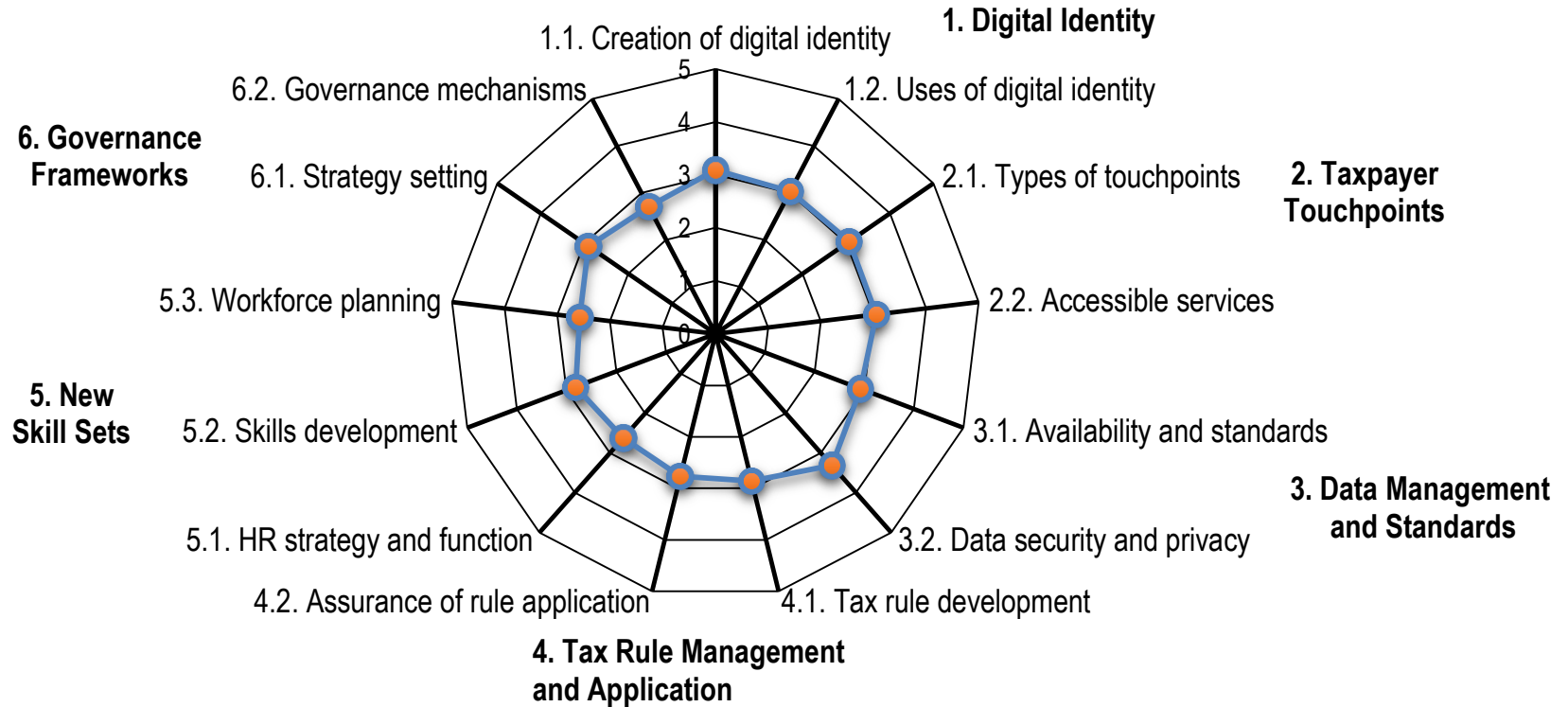
Overview

- Covers the six TA 3.0 building blocks
- Used by 60 tax administrations so far
 - One third of these are from developing countries
- Maturity level calibration:
 - Established level: A digitalised administration
 - Aspirational level: A digitally transformed administration



<https://www.oecd.org/tax/forum-on-tax-administration/publications-and-products/digital-transformation-maturity-model.pdf>

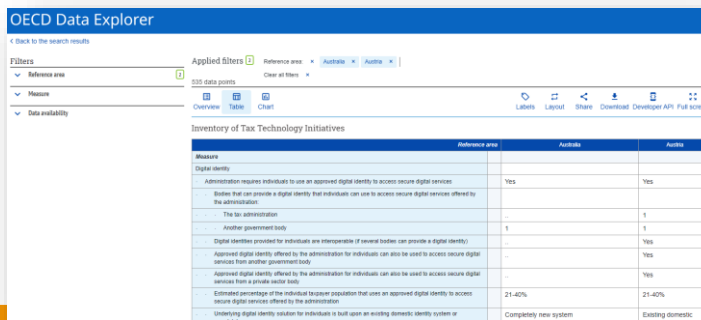
DTMM Self-assessment results: Average



Inventory of Tax Technology Initiatives (ITTI)

Coverage and next steps

- The 2024 update of the inventory provides data on the use of technology in 108 tax administrations
- Hosted on the OECD Data Explorer (<https://data-explorer.oecd.org/>)
- Includes many datapoints related to digital identity, how it is used, and how it is deployed



	Reference area	Australia	Austria
Measure			
Digital identity			
Administration requires individuals to use an approved digital identity to access secure digital services		Yes	Yes
Entities that can provide a digital identity that individuals can use to access secure digital services offered by the administration			
- The tax administration		1	1
- Another government body		1	1
Digital identities provided for individuals are interoperable (if several bodies can provide a digital identity)			Yes
Approved digital identity offered by the administration for individuals can also be used to access secure digital services from another government body			Yes
Approved digital identity offered by the administration for individuals can also be used to access secure digital services from a private sector body			Yes
Estimated percentage of the individual taxpayer population that uses an approved digital identity to access secure digital services offered by the administration	21-40%		21-40%
Underlying digital identity solution for individuals is built upon an existing domestic identity system or comparable		Completely new system	Existing domestic

Thank you
fta@oecd.org

