Seminario Fondazione Ugo Bordoni

Blockchain e servizi: quale ruolo in Italia per le PA e le imprese?

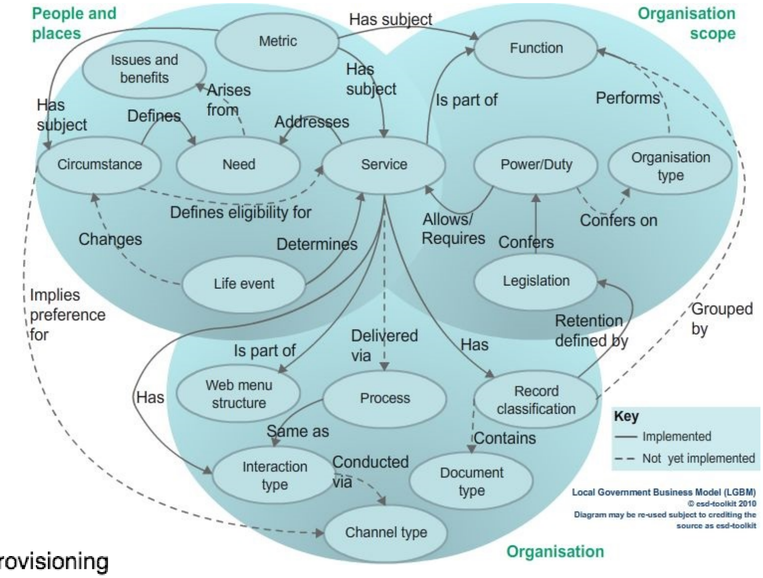
Italy: transforming digital government

25.09.2018

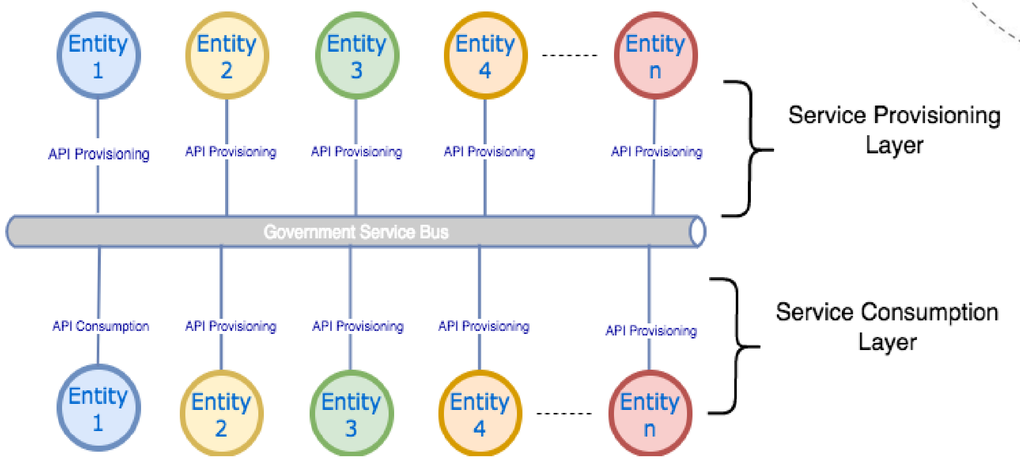
AGID | Agency for Digital Italy

Government Service Model

Existing Local Government Model

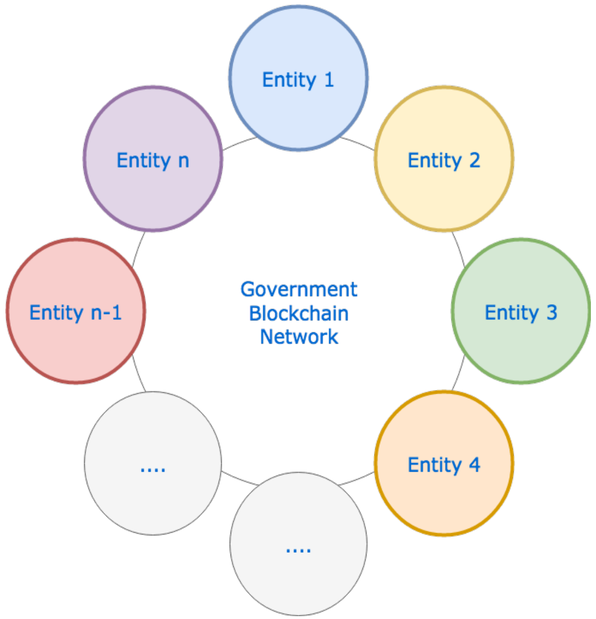


Interoperability Approach



Evolve

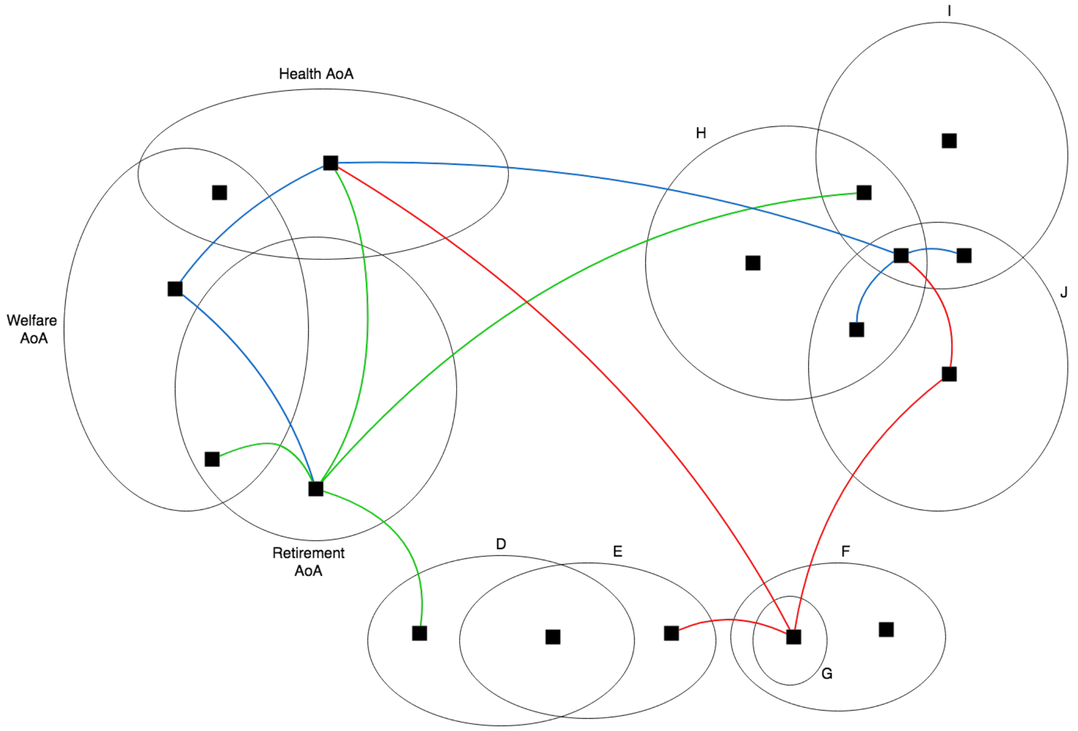
A blockchain-bases model



A new Consensus Model

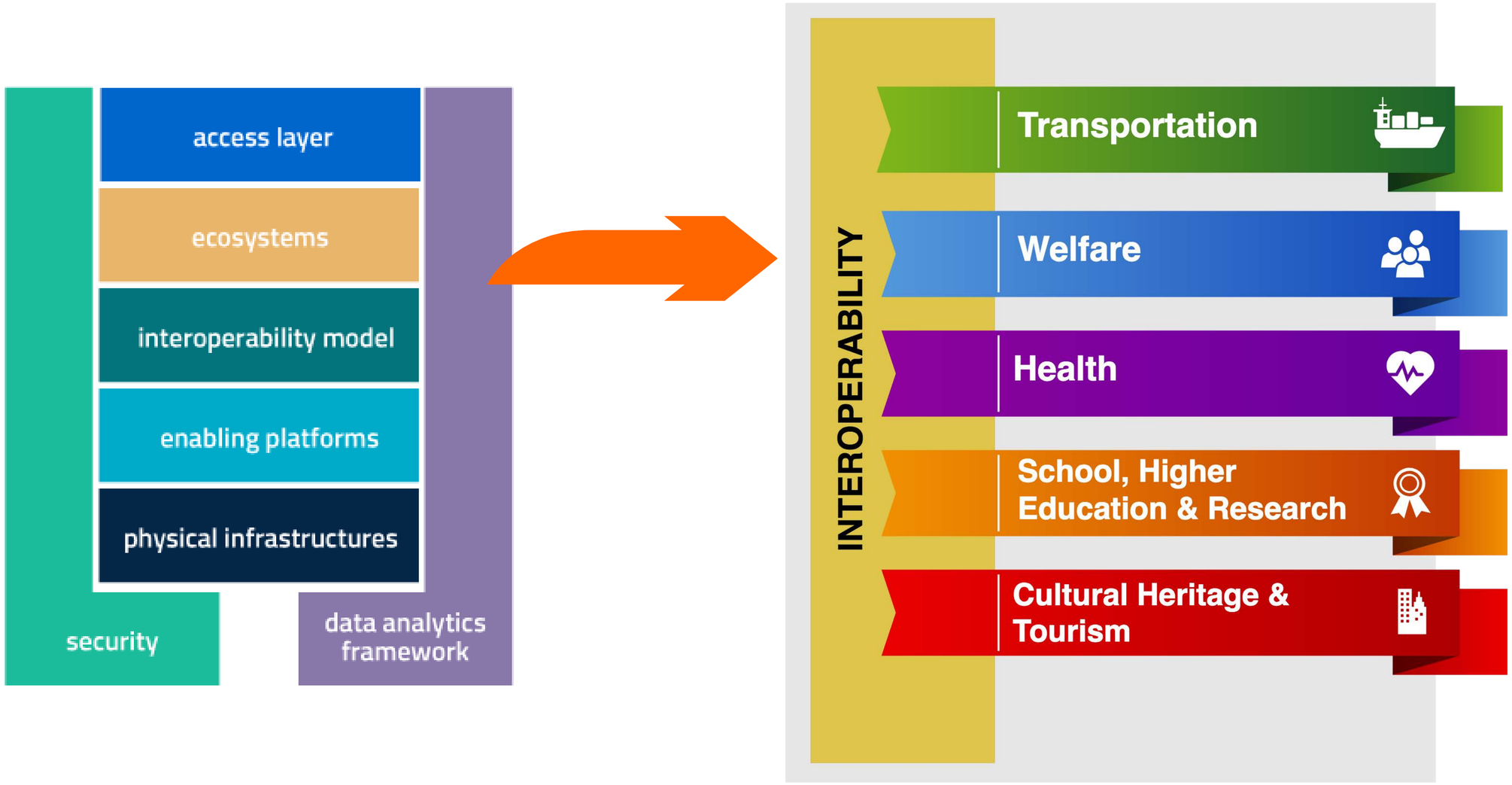
Classic approach of Proof Of Work, Proof Of Stake will not fit the Government Service Blockchain governance model.

Adapt



Distributed Proof of Authority (D-PoA)

The Italian ICT Strategic Model



Use cases

INTEROPERABILITY	WELFARE	SCHOOL & HIGHER EDUCATION	AGRICULTURE AND CUSTOMS	CULTURE
Document and information sharing among government entities	Notarization of corporate compliancy to worker's health regulations	Notarization of study career certificates and cross country attestation	Product lifecycle tracking and custom clearance	Proof of ownership and origin of Italian cultural patrimony
ACTORS	**ACTORS**	**ACTORS**	**ACTORS**	**ACTORS**
AGID	**National Welfare Insurance Institute (INAIL) & AGID**	**Italian National Academic Recognition Centre (NARIC–CIMEA) & Ministry of Education (MIUR)**	**Italian Customs Agency**	**Ministry of Culture & AGID**

AGID Agency for Digital Italy

OECD

European Commission

European Blockchain Partnership

UN/CEFACT

ISO

ITU

CEN

CENELEC

AGID is present in the main standardization bodies and participates at EU and International level to the leading groups on blockchain technology.

The Agency coordinates the Thematic Group on Emerging Technologies (AI & blockchain) of the OECD Working Party of Senior Digital Government Officials (E-Leaders) and leads the development of the CEN/CENELEC Focus Group on DLT whitepaper.

Grazie per l’attenzione

Adriana Agrimi– agrimi@agid.gov.it

Pietro Marchionni – pietro.marchionni@agid.gov.it