Digital identity privacy principles and the context of sustainable development

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GLOBAL CHALLENGES FOR IDENTITY POLICIES

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TECHNOLOGY, WORK AND GLOBALIZATION
Sustainable Development Goals (SDG)
SDG 16.9
“By 2030, provide legal identity for all, including birth registration”
Legal identity

• Legal civil status obtained through birth registration and civil identification that recognizes the individual as a subject of law and protection of the state.
  – IADB Civil registration and identification glossary
AN ESTIMATED 1.1 BILLION PEOPLE IN THE WORLD ARE UNABLE TO PROVE THEIR IDENTITY.

That is 1 in every 6 individuals. The majority live in Africa and Asia, and more than a third are under the age of 18.

The ID4D Program: Making Everyone Count
Legally operational identity (LOID)

• An identity credential that can be used for operational purposes such as to open a bank account, receive cash transfers, inherit property etc.

• Physical card or digital credential?
Current state of eID

(World Bank Data June 2017)
Countries with an ID
Countries with an eID
PRINCIPLES ON IDENTIFICATION
FOR SUSTAINABLE DEVELOPMENT:
TOWARD THE DIGITAL AGE
Safeguarding data privacy, security, and user rights through a comprehensive legal and regulatory framework.
Countries with eID but no data protection laws
Digital Identity: Issue Analysis

Consult Hyperion
securing tomorrow's transactions

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Digital Identity Privacy Principles

• Mapped on to existing privacy and identity principles
  – OECD guidelines
  – Fair Information Practice Principles
  – EU Data Protection Directive
  – Laws of Identity (Kim Cameron)
  – GOV.UK Verify Principles
Four themes

• Fairly regulated
• Citizen centric
• Protecting privacy
• Interoperable and secure
Separating authentication from identification

• Digital technologies can provide strong authentication
  – Biometric reader
  – Two factor authentication
Authentication and identification

• Enable strong authentication even if identity evidence package is poor

• Grow identity evidence over time
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• Digital identity: Issues analysis report
Data mashup

• World Bank ID4D data set (June 2017)
  – June 2017

• Graham Greenleaf’s Global Tables of Data Privacy Laws and Bills (5th Ed, June 2017)