

المــؤتمــر الـــدولــي الأول للتحــــول الرقــمـــــي The 1st International Digital Transformation Conference تمكيـــن المســــتقبـــل الرقـــمي | Empowering Digital Future









# **Towards Building National Guidelines** in Digital Transformation

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#### **Importance of Statistics:**

Factual basis for assessment and decisions

Formulation and evaluation of policies

Basis for business to make informed business decisions

Allowing media and various organizations to assess the situation

Digitalization raises the question about the value of official statistics, and the role of National Statistical Offices in measuring the changes impact on society, the economy, environment and, eventually leading to effective and sustainable policies.











# **Building Guidelines in Digital Transformation,,**

**Defining the** concept "Internationally and Nationally"

Defining Partners and **Users Needs** 

Defining Targets, Fit to Purpose

**Indicators Framework** 



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# Concept,,

The following will be considered: Trends in digitalization, reviews emerging and existing standards, and looks at how the rapidly changing environment impacts digital transformation process. So:

- -Defining concepts
- -International standards and experiences
- National needs
- -Establishing strong theoretical framework













#### Partners, Users and their Needs,,

- -Define partners and users.
- -Measure and analyse users' needs:
  - ✓ Government and administration;
  - ✓ Private Sector
  - ✓ Academia (education, researchers... Etc)
  - ✓ Media, and international institutions.

Response to National Policies and

Agendas Pelos Cora Parce of Palacina















# Define targets,,

- -Digital Maturity
- -Technological readiness
- -Process of digital transformation
- -Outcomes and impacts

Fit to purpose, Fit to capabilities













# Indicators Framework,,

# Turning targets into indicators

#### Highlighting the importance of creating smart indicators framework

- Current Situation analysis
- Analysis and analytical framework
- Establishing a reference point
- Follow-up indicators
- Evaluation indicators
- Framework adjustments

It is distinct from policy analysis conducted by users and consists of identifying issues, determining the availability of suitable data, deciding which methods are appropriate

#### How to collect new data? New data sources

- Sample surveys & censuses
- Administrative sources
- Geospatial data
- Big Data











# Important issues to be measured:

Connectivity **E-Government E-Business** Access, Use, IoT, AI, Cloud **Human Capital Data openness** E-commerce **Integration of** technology digital trade **ICT tools REASONS** Productivity / **Cyber security Cost/ Quality Economic Innovation** issues/ Trust value / of services Slow down wellbeing المــؤتمــر الـــدولـــى الأول للتحـــــول الرقــمـــ

### Analysis,,

- Specialists in statistics, strategies, and digital transformation, ...etc.
- Reviewing digital changes at different levels.
- Methodological framework and dissemination tools.
- Adjustment











# Be aware of,,,,

**Cost of data** collection and capacity building

**Privacy** Issues

Quality **Assurance** 

Adaptation & Relevance to other frameworks



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# Tips,,

- Developing a digital maturity model.
- Standardisation (Unified methodologies and classifications)
- Investing in statistical business register, administrative records, and new data sources.
- Know-How, capacity building, and statistical illiteracy.
- Investing in databases and monitoring systems.











# Thank You!



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