



Panel 4 – Ms. Sally Fawan - Egypt



BOOTH COPY – CONFIDENTIAL – CHECK AGAINST DELIVERY

AI, FT & DX

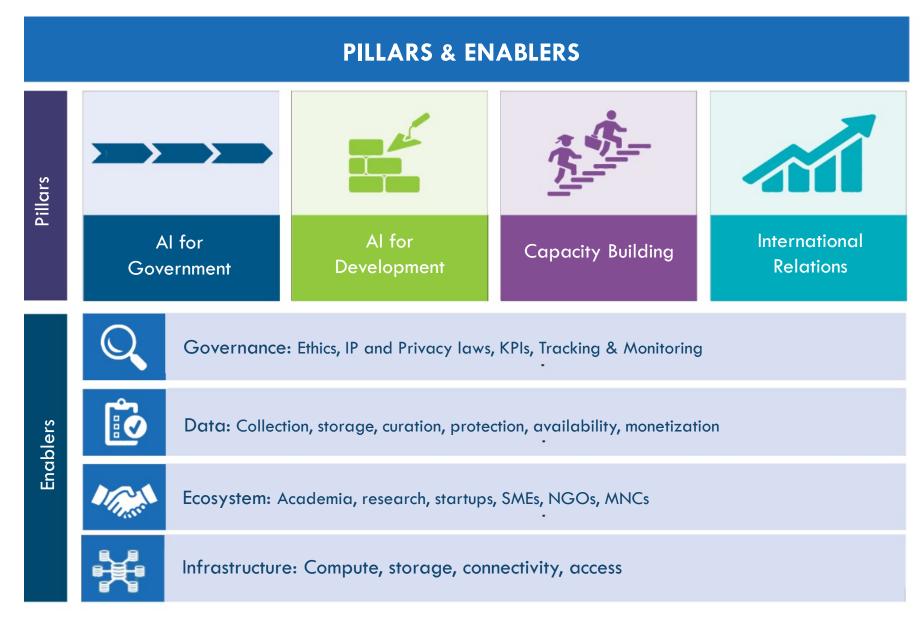
Lessons from implementing Egypt's DX and Al strategies

April 2022



Egypt's National Al Strategy - Overview







Challenges with AI (and DX) Strategy Implementation



People

- Awareness
- Domain Expertise

Data

- Availability
- Governance

Systems

- Digital Infrastructure
- Ecosystem & Regulation



Lessons Learned & Recommendations



Be clear about the goals and objectives of introducing DX/FT

- Ensure everyone is aware of and agrees with those goals
- Link them to clear KPIs. How will you know when you've succeeded?
- Ensure there is enough budget to implement them! A mandate without a budget is useless

Start with people

Users and Experts

Data strategy to accompany any Technology Transformation

- Collection, classification, curation, update, access, retirement
- Orgs will implement at different speeds. Give clear guidelines and let them execute.
 - Impact assessment
 - Responsible/ethical/trustworthy AI/FT principles
 - Technical guidelines, eg sandboxes, pilots

Consider building a common infrastructure for everyone to use

• Example: Egypt's Al Platform



Egypt's Al Platform



PRODUCTION-GRADE HARDWARE & SOFTWARE INFRASTRUCTURE Application & Visualization Layer APIs to Correspondence Triage Tax Culture Legal Query different Dashboard Management Mobile App Application Portal System services System **Knowledge Generation Engines** Contextualized **Vendor Selection Optimized Tax** Summarized Medical Meeting Agenda Policy Query Response Recommendation . . . Memo Diagnosis Insights "Al" Layer Deep Supervised Unsupervised Reinforcement Rule-Based Domain-specific Transfer Neural Learning Learning Systems Models Learning Learning **Networks** Ontology - Laws KB - Health **KB** - Agriculture Ontology - General Data Sources: Government DBs, Web Data, Social Data, Sensors, APIs, ...





Thank You