

Introduction to the dimensions of digitalisation

Module 1.2: Key Actors

Key Actors

With the digital transformation..

- actors and roles are shifting
- cooperation between different actors is often multilateral and can span from global to regional, national and local levels
- many actors follow their own agendas.

PRIVATE SECTOR

**POLITICAL
ACTORS**

**REASEARCH
INSTITUTIONS**

CIVIL SOCIETY

STARTUP-ECOSYSTEMS



Key Actors - Private Sector

Data-driven allrounder



Google, Amazon, Microsoft, Facebook and **IBM** transformed into multipurpose data-driven allrounders shaping the future.

Value: Provide free tools and services across different work sectors and act as potential partners.

Others: SAP, Baidu | Vodafone, Safricom → **Telecommunication companies** (**GSMA** is their trade body) and **Internet Service Providers** are important actors on a national level



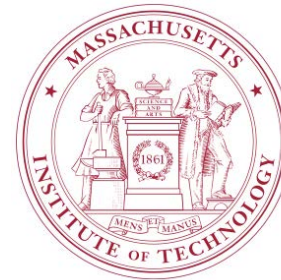
Key Actors - Research Institutions

Measuring the digital transformation I

McKinsey
&Company

KPMG

Deloitte.



EY
Building a better
working world

Consultancies like **McKinsey**, **E&Y**, **Deloitte** and **KPMG**; **Universities** like **MIT** and **Think Tanks** research how the digital transformation is impacting society, economy and politics.

Value: Many reports and case studies are published online and provide insights in how digitalisation is shaping the world.

Key Actors - Research Institutions

Measuring the digital transformation II



Example:
World Development
Report 2016 –
Digital Dividends



Global development banks like **World Bank** or **ADB**; Regional dev. banks like **East African Development Bank** and international Organisations like **OECD** research how the digital transformation is impacting the society, economy and politics.

Value: Many reports, toolkits and case studies are published online and provide insights in how digitalisation is shaping the world.

Key Actors - Startup Ecosystems

Innovation empowerment



Global networks are essential key actors that spur (grass-roots) innovation and thereby often find local solutions for global challenges. **Startup Ecosystems** can provide the supporting **infrastructure** to do so.

Value: Harnessing innovation sometimes even on a grassroots level and therefore providing the appropriate infrastructure: **networks, capital, tools** (3D-Printers in Fab Labs)

Key Actors - Civil Society

Typing for the people!



Actors like the **World Wide Web Foundation**, **Alliance for Affordable Internet**, **Internet Society**, **Net Hope** and **Open Knowledge Foundation** tackle global „digital“ challenges from a user perspective and on a global, regional and national scale.

Value: Privacy, access, open and free internet, gender divide, democracy and human rights need the same attention like taxation, regulation and digital economy. These NGOs provide case studies, advocacy and in-depth reports



Key Actors - Political Actors

Setting the Agenda - International



International actors like the **ITU**, **Broadband Commission for Sustainable Development** and the **World Intellectual Property Organization** tackle challenges including infrastructure, property rights, international policy frameworks and standard setting. **ICANN** coordinates the Internet's system including IP addresses. The UN established a **High-level Panel on Digital Cooperation** to advance cooperation on Digital Cooperation, and through agencies like **UNCTAD** provide support to countries in the area of digital economy.

Value: In-depth reports and indices (ICT4Development Index), highlevel conferences including ICT4D Conference, agenda/policy setting.

Key Actors - Political Actors

Setting the Agenda - National



National Ministry of
Communication



National Ministry of
Infrastructure

National political actors are the **National Ministry of Communication**, **National Ministry of Infrastructure** and **visionary processes** and stakeholder linked to them (like Rwanda Vision 2020)

Value: First hand information on telecommunication and telecommunication infrastructure in respective context, can provide open data, can provide overview of other actors e.g. digital economy, startup hubs etc.



10 min

Poll

Who are the most relevant actors and stakeholder you would approach in your country to launch a Digital for Development initiative?

<http://etc.ch/jqPV/>

