WSIS FORUM

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# What should an enabling policy environment aim to achieve?

#### On Panel Foundation for an Enabling Policy Environment for Digital Transformation

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# International Fora and Discussions for Digital Economy

Issues	Technologies	Strategies
<ul> <li>Free Flow of Data/Data localization</li> </ul>	<ul> <li>Internet of Things (remote sensing/remote</li> </ul>	Protectionism
<ul> <li>Network Sovereignty/Internet Governance</li> </ul>	control)	Over Regulations
<ul> <li>Internet Security</li> </ul>	<ul> <li>3D Printing and On Demand Supply Chain</li> </ul>	Evidence Based Discussions
<ul> <li>Personal Data Protection</li> </ul>	<ul> <li>Big Data Sharing and Analysis</li> </ul>	<ul> <li>Private sector's experience</li> </ul>
<ul> <li>Digital Trade Policies</li> </ul>	Sharing Economy	Industry Promotion
Competition	Al and Robotics	Public Private Collaborations
Platformers	<ul> <li>Blockchains and Fintech</li> </ul>	Cross-fora, cross-committee collaborations





# **Digital Policy Discussion Mapping in 2018**



# OECD "Going Digital" http://www.oecd.org/going-digital/



 $\rightarrow$  Typology in "Online Platforms"

# **Multilayered Structure** in Digital Transformation

Digital Transformation Layers		Investor's Confidence Layer	Geopolitical Issues Financial Regulations Base Erosion/ Profit Shifting
		Contents/Intellectual Properties Layer	Digital PiracySource Code DisclosureReq.Technology TransferPatent and Copyrights
	amazon.com Facebook	Services/Solutions Layer	Personal Data ProtectionData SecurityNetwork SecurityIntermediaries Liability
		Network Communications Layer (Internet)	Internet Assigned Numbers Net Neutrality Domain Names Internet Exchange Points
	INTERNES	Product Manufacturing Layer	Import Tax Place of Origin Regulations



## Unharmonized Policy Principles

# Unstable basis of Digital Business **Digital Business** Investor's Confidence Contents/Intellectual Properties Layer Services/Solutions Layer Network Communications Layer Product Manufact Layer **Digital Challenges**

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# Today's Discussion in this Panel (as distributed in agenda)

## What Policy Frameworks are essential?)

An enabling policy environment that can realize the potential of the digital transformation needs to foster open and competitive markets, investment, and inclusive economic growth. Determining the best policies to pursue in each area will require a holistic policy framework that consider economic, socio/cultural, governance and innovation objectives. An evidence-based approach is essential to the development of such policy and regulatory frameworks.

#### Inclusiveness and Participation)

Digital transformation offers numerous opportunities for companies and workers to enhance productivity growth, employment opportunities, and mobility if the right policy frameworks are in place. To ensure inclusive outcomes these frameworks must promote the skills and competencies people need to thrive in the digital economy. A reform agenda that promotes participation and opportunity is vital to seizing the benefits of digitalization and diffusing rapid technological advances, such as big data analysis or machine learning, across our economies.

## • (OECD's role in multi-fora structure)

The OECD, since its founding, has been developing policy recommendations within a context of sustainable investment and inclusive economic growth, relying on an evidence-based approach and a process that supports multi-stakeholder engagement. Since its Ottawa Ministerial in 1998, the OECD has developed a substantive and thoughtful set of policy recommendations, principles and guidelines for its member governments that are focused on the digital transformation (e.g., OECD Privacy Principles, Internet Policy Principles, Cancun Ministerial Declaration on the Digital Economy) and that can serve as a positive foundation for an enabling policy environment.

# Reference

JAPAN's status in Digital Transformation



## Japan's Initiatives - Society 5.0 -

The Society 5.0 concept has been introduced in Japan's 5th Science and Technology Basic Plan



# Society 5.0 for SDGs

#### Keidanren Policy & Action

Society 5.0 offers a new growth model with a view of "solving social issues" as well as "creating a better future", which contributes to the achievement of SDGs



## New Market Growth Expected based on Emerging Data Driven Products and Services



## Digital Life, Safety and Welfare

## Disaster Management based on Emerging Data Driven Products and Services



#### Digital Medicare by Data Sharing and Analysis

## Medicare Services based on Emerging Data Driven Products and Services

