

Session on

February 21, 2022

**Digital Transformation:  
Governance reforms and development opportunities**

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**SDG Agenda 2030 in the Post Pandemic Era**



**Why Digital Transformation in the Key**

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**Prof. Syed Munir Khasru**

Chairman

The Institute for Policy, Advocacy and  
Governance (IPAG)

& Co-Chair, G20 Task Force 2 & 9



# Mental Mapping

1. Effect of Pandemic on SDG and Digital Transformation
2. Sustaining SDG with Technology
3. The Way Forward
4. The SDG-Technology Nexus

Section:

1

(Audio Visual)

# Effect of Pandemic on SDG and Digital Transformation

*A Sneak Peek*

Section:

2

# Sustaining SDG with Technology

Using technology in impacted-SDG areas

# Alleviating poverty (SDG 1)

- Despite access to digital financial services lifting people out of poverty, globally, more than 2 billion people don't have bank accounts.
- Affordable solutions through innovative technologies like mobile banking can alleviate poverty.



# Climate friendly agriculture (SDG 2 & 13)

- ICT-enabled solutions can help farmers increase crop yields while reducing use of energy.
- Making food more affordable as well as supporting climate action.



# Digital healthcare (SDG 3)

- Digital connectivity can enhance direct patient interaction through telemedicine and health informatics.
- Digital health tech supports widespread deployment of digital health applications & remote medical imaging.



# Quality Learning (SDG 4)

- With increasing online platforms, trainings are offered on digital skills that will equip million young men & women with job-ready digital skills by 2030.
- Organizations like ITU and UNICEF are promoting connectivity in schools in collaborations with the government.





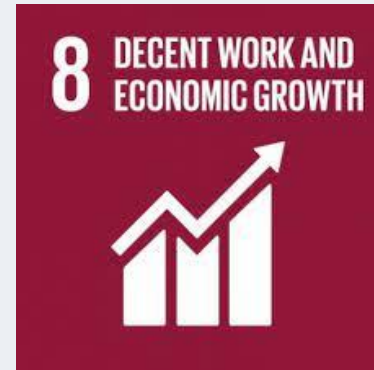
# Affordable and clean energy (SDG 7)

- Tech industry is exploring ways to use greener energy, making devices energy efficient, and incorporating solar, wind and other renewable sources into the value chain.
- Cutting-edge tech will cut global emissions, build smart grids and cities, electrify transport, and build sustainable economies and societies.



# Tech driven economic growth (SDG 8)

- Technology is creating new jobs, enabling resilient work and commerce, and stimulating wider socio-economic development.
- With innovative technologies merging with current economic structure, advanced digital skills are now high on demand.



# Tech industry and infrastructure (SDG 9)

- Government & international organizations need to support of quality ICT infrastructure development & backbone networks to sustain technological growth.
- This entails extending networks into underserved remote and rural areas to increase access and bridge the digital divide.



# Closing the gap (SDG 10)

- With technology becoming more accessible and affordable, digital participation is expected to increase significantly.
- As technological services like digital banking made accessible to the poor, their economic participation and living standards would improve.



# Smart cities (SDG 11)

- Day to day activities are digitized with established cashless payment systems, self-driving electric cars and increased online connectivity (such as automated traffic monitoring, remote warehouse tracking from company headquarters, etc).
- With people are living more efficiently than ever, smart and sustainable cities are now a reality.



# Technology in recycling (SDG 12)

- With increased recycling, activities like sorting plastic types are becoming strenuous and cost-ineffective.
- Innovative technologies are helping recycling companies to automate processes and reduce recycling cost.



# Sustaining the climate (SDG 13)

- Digital tools allow sophisticated climate modelling to make forecasts and target specific climate events. This enables to carry out twin modelling.
- Noble technological standards like green data centers and green power feeding systems are setting standards toward greener consumption.



Section:

3

# The Way Forward

How these technologies can become reality?



# Government collaboration

- ▶ Governments need to collaborate with tech industry to develop ICT infrastructure and deliver affordable internet.
- ▶ Developing countries are short of US\$ 1.7 Trillion to finance 2030 SDGs. Only 5 countries meet the UN ODA target of 0.7% of national GDP.

# Corporate CSR and Philanthropy

- ▶ As 90% of 250 largest companies report CSR activities, SDG-aligned CSR activities can help achieve the 2030 SDGs.
- ▶ Philanthropic donations increased by 7.5% in 2020. Individual Americans contributed to 69% of the total US donations. SDG-aligned philanthropy can bridge the gap in development funding.

# Philanthropic Contributions

- ▶ Philanthropic donations made a huge impact during the pandemic when other funds were tight.
- ▶ If aligned properly with SDGs, philanthropies can make a great difference in achieving SDGs which at the end of 2020 stood globally at US\$ 2.3 trn.

Section:

4

(Audio Visual)

# The SDG-Technology Nexus

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