ITU REGIONAL DEVELOPMENT FORUM

ITU RDF

ARAB REGION ONLINE 2020

25-26 November

12:00-15:00 (Cairo Time)

itu.int/go/RDF-ARB2020

#ICT4SDG

SUSTAINABLE DEVELOPMENT GOALS

World Summit on the Information Society 2025 Turning targets into action

Organized by ITU

Capitalize on

Emerging Technologies for Digital Transformation

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Digital Transformation Specialist

ICT-Centric Innovation Ecosystem Building

Digital Government

Public Sector Innovation

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65% of children entering primary school today will ultimately end up working in completely new job types that don’t yet exist.

Source: https://reports.weforum.org/

Future of Jobs

Regional Profile

Middle East and North Africa

Emerging job roles

Software and Applications Developers and Analysts
Data Analysts and Scientists
Sales and Marketing Professionals
Managing Directors and Chief Executives
General and Operations Managers
Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products
Human Resources Specialists
Financial Analysts
Assembly and Factory Workers
Financial and Investment Advisers

Emerging skills

Analytical thinking and innovation
Active learning and learning strategies
Creativity, originality and initiative
Technology design and programming
Complex problem-solving
Leadership and social influence
Critical thinking and analysis
Reasoning, problem-solving and ideation
Emotional intelligence
Systems analysis and evaluation

Source: http://reports.weforum.org/future-of-jobs-2018/files/2018/09/CRP-MIDDLEEAST.png

DT Road Map

COVID-19

Digital Transformation

Management and Leadership Style:

- ❑ Hybrid working (Office / Home)
- ❑ Results, not hours worked
- ❑ Need for digital skilling post -COVID-19

- User First / Inclusion
- Data Driven
- Security and Trust
- Smart Infrastructure
- Future Ready Workforce

Source: Report "Resetting Normal: Defining the New Era of Work" by Adecco Group

Emerging Technologies

- *Cloud Computing*
- *5G Networks*
- *Big Data*
- *Internet of Things- IoT*
- *Artificial Intelligence*

Health Care

On-demand healthcare and robotic surgeries

Patient record analysis Lower rate of medication errors

Wearable medical devices and Internet of Medical Things IoMT

5G enabled VR headsets allow medical training, enabling students to practice anytime anywhere.

Medical drones use to deliver life saving medicine and equipment in hard-to-reach rural areas

Cloud | 5G | IoT | BIG DATA | AI

3 GOOD HEALTH AND WELL-BEING

Education

24/7 accessible cloud-based education platforms

Intelligent, personalized, tailored education to learner needs

Augmented reality (AR) / Virtual reality (VR)

Instructors and parents progress monitoring

4 QUALITY EDUCATION

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE

Cloud | 5G | IoT | BIG DATA | AI

Agriculture

Precision Agriculture

Vertical Farming

No waste: (Light, Watering, Temperature) optimized.

Year around fresh crops (Open Agriculture)

11 SUSTAINABLE CITIES AND COMMUNITIES

15 LIFE ON LAND

Cloud | 5G | IoT | BIG DATA | AI

Government

Connected Government

- Hello Government !!
- Yes! How can I help you?

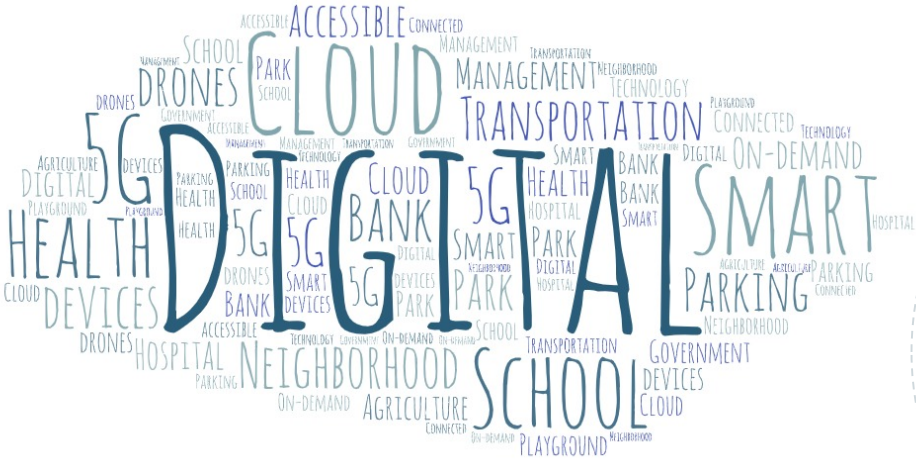
8 DECENT WORK AND ECONOMIC GROWTH

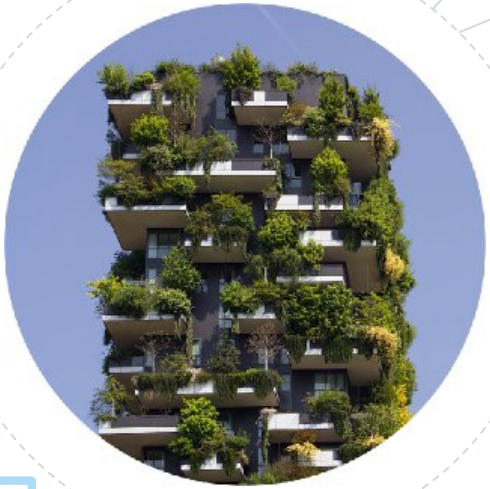
9 INDUSTRY, INNOVATION AND INFRASTRUCTURE

10 REDUCED INEQUALITIES

Cloud | 5G | IoT | BIG DATA | AI

Smart Cities





Cloud

5G

IoT

BIG DATA

AI

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE

11 SUSTAINABLE CITIES AND COMMUNITIES

13 CLIMATE ACTION

15 LIFE ON LAND

Thanks!

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Turning targets into action
Geneva 2003 | Tunis 2005 | New York 2015

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