

WIEF Foundation presents



9TH WIEF GLOBAL DISCOURSE 4IR: Seizing Possibilities for The Future

30 October 2019
Radisson Blu Dhaka Water Garden,
Dhaka, Bangladesh

Organiser



Joint Organiser

SEACO
South East Asian Co-operation
FOUNDATION

DEVELOPING
DIGITAL
CULTURE
CAPACITY
MINDSET

YB FDr Ar Yanty Rahman

Industrial revolution 4.0



1st

Mechanisation, water
power, steam power

2nd

Mass production
assembly line, electricity

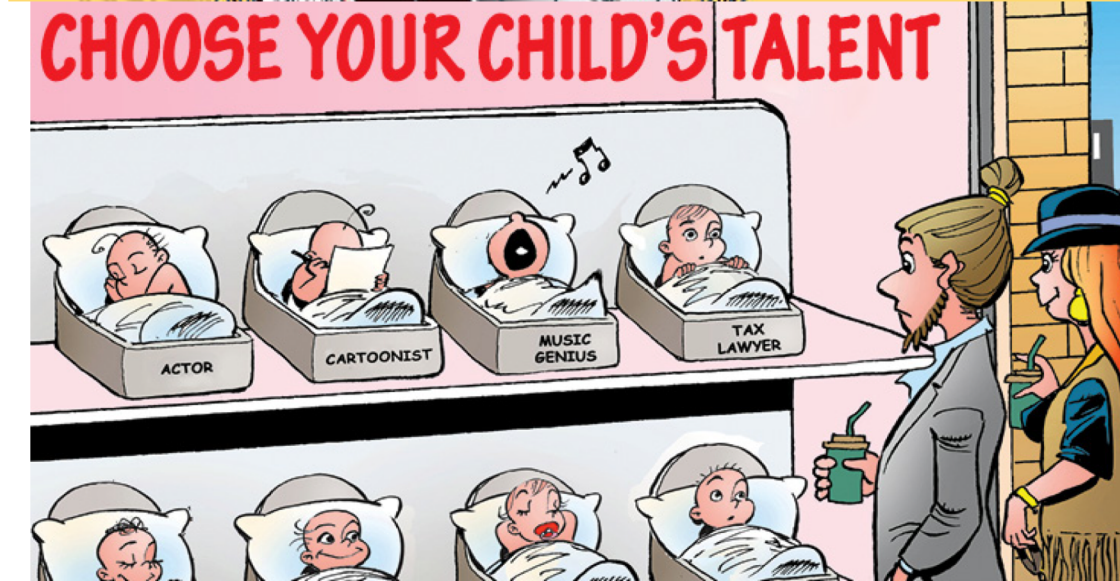
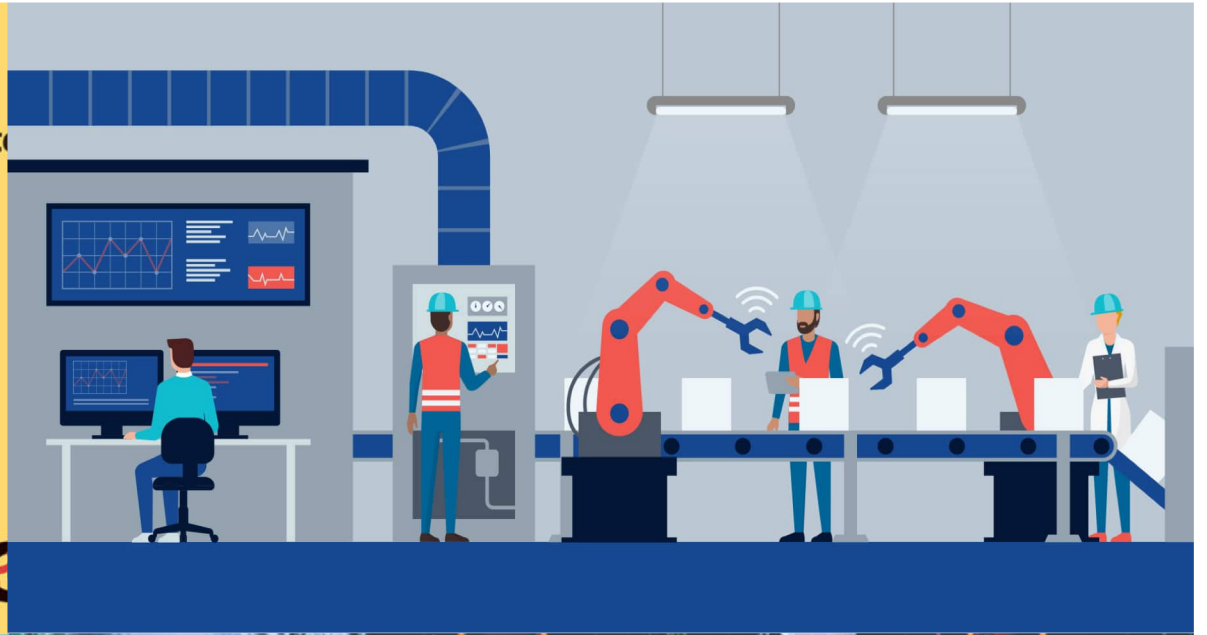
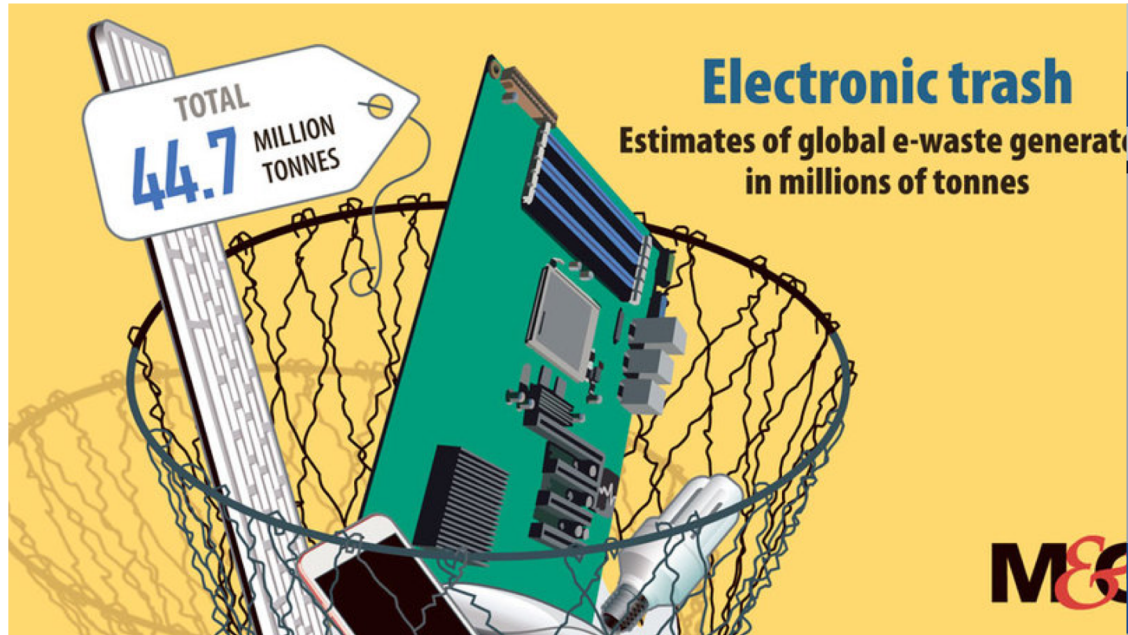
3rd

Computer and
automation

4th

Cyber physical
systems

Implications of 4IR



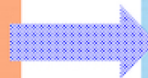
A report by World Economic Forum on the 'Future of Jobs report' 2016 reported 65% of children entering primary school today will work in new jobs that have not existed.

Top skills in 2020 shift to Critical Thinking, Creativity and Emotional Intelligence



in 2015

1. Complex Problem Solving
2. Coordinating with Others
3. People Management
4. Critical Thinking
5. Negotiation
6. Quality Control
7. Service Orientation
8. Judgment and Decision Making
9. Active Listening
10. Creativity



in 2020

1. Complex Problem Solving
2. Critical Thinking
3. Creativity
4. People Management
5. Coordinating with Others
6. Emotional Intelligence
7. Judgment and Decision Making
8. Service Orientation
9. Negotiation
10. Cognitive Flexibility

Workforce in ASEAN



Sustainable development goals in IR 4.0

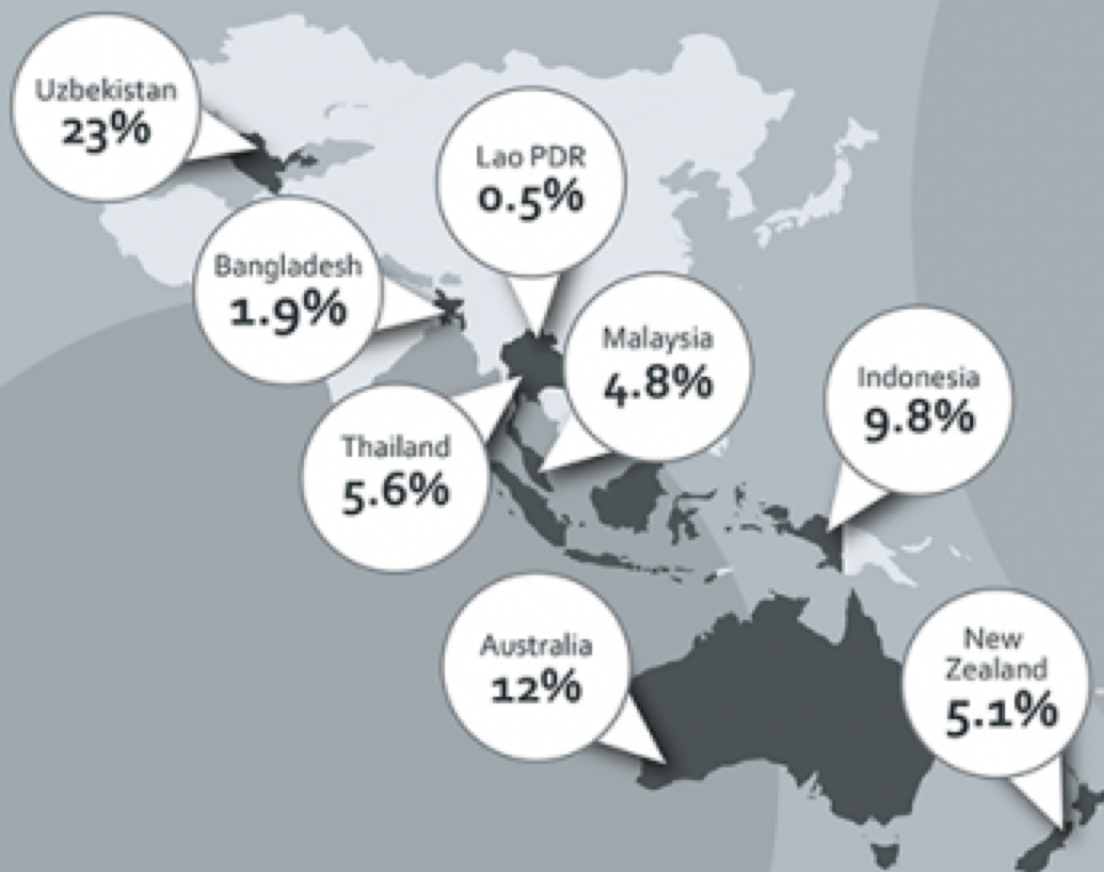
THE GLOBAL GOALS

For Sustainable Development



TECHNICAL AND VOCATIONAL EDUCATION AND TRAINING

The proportion of 15 to 24-year-olds enrolled in TVET programmes remains low



692 million

(58% of world's youth)

Source: UNESCO, 2017

are between

15 and 24

in Asia-Pacific

Source: UNESCO, 2017


21%

are not in education, employment or training

Source: ECOSOC, 2018

TVET
IS A VIABLE
ALTERNATIVE
TO
UNIVERSITY





‘Train students for the jobs of tomorrow
as training them for the jobs of today
are no longer relevant’