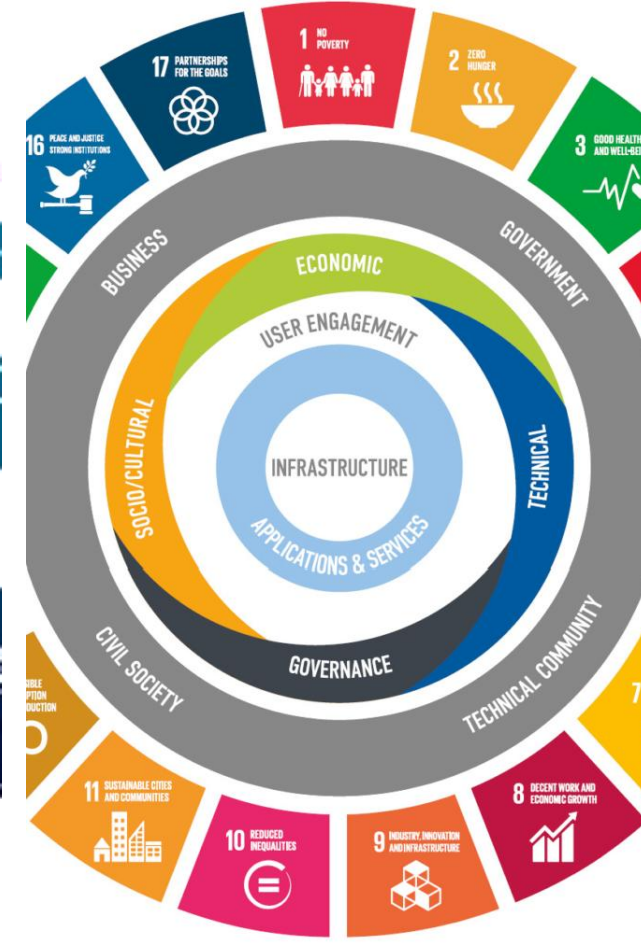
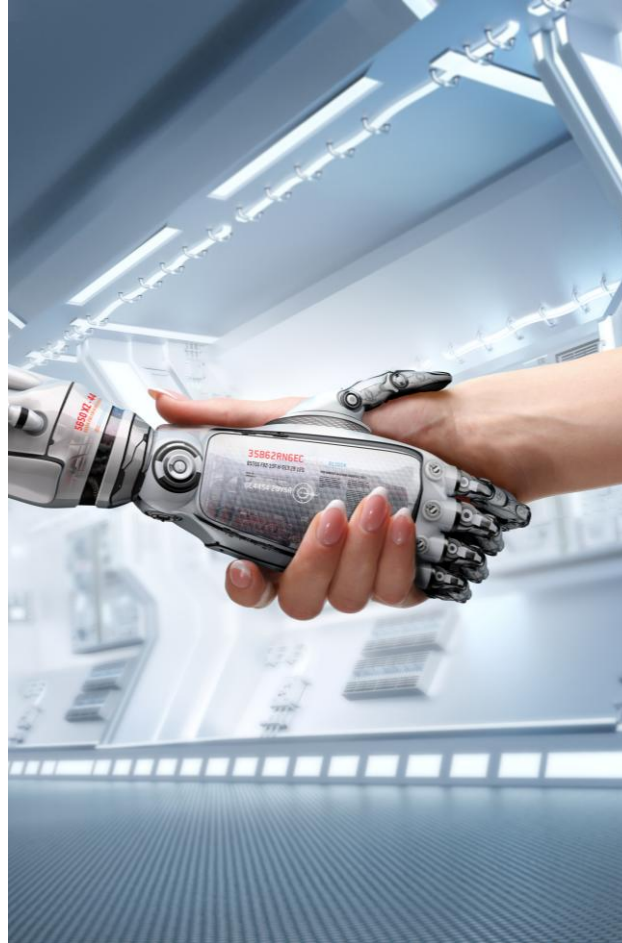




مَنْظِمَةُ الْعَالَمِ الْإِسْلَامِيِّ لِلتَّحْقِيقِ وَالْعِلْمِ وَالشَّيْخَةِ
 ISLAMIC WORLD EDUCATIONAL, SCIENTIFIC AND CULTURAL ORGANIZATION
 ORGANISATION DU MONDE ISLAMIQUE POUR L'ÉDUCATION, LES SCIENCES ET LA CULTURE



INDUSTRY 4.0 IN RELATION TO THE SDGs AND THE FUTURE AHEAD

Dr. Abdul Rehman

Expert; Science and Technology ICESCO

INDUSTRY 4.0 & SUSTAINABLE DEVELOPMENT AT ICESCO

Science Sector & SSGs

- SDG2: Zero hunger
- SDG3: Good health & well-being
- SDG6: Clean water & sanitation
- SDG7: Affordable & clean energy
- SDG9: Industry, innovation & infrastructure
- SDG13: Climate action
- SDG14: Life below water
- SDG15: Life on land

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



Source: BCG.

WHAT WE DO

Scientific Forums, Conferences, Workshops



Entrepreneurship Incubators & Innovation Accelerators



Ground Activities for Health, Hygiene, and Environment



Professional Training Events



Science & Research Chairs



Creativity & Excellence Awards and Scholarships



ARE WE READY



Strategy.

Success with Industry 4.0 begins with a comprehensive, holistic strategy—yet only 10% of executives indicate they have such a strategy in place.

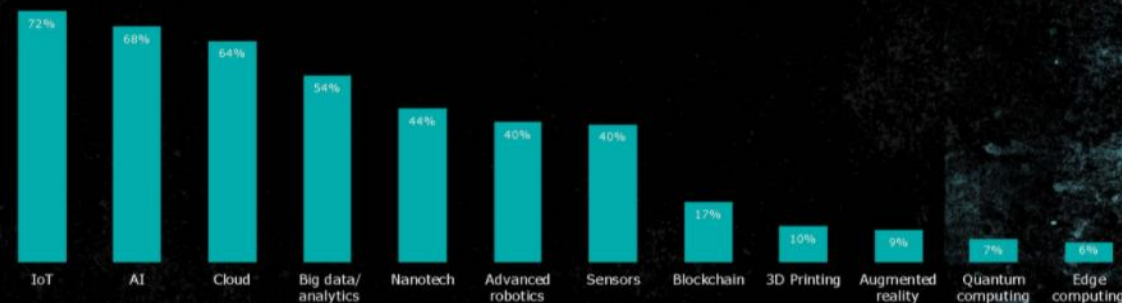


- 10% Comprehensive, holistic strategy
- 23% Developing broader strategy
- 47% Taking ad-hoc approach
- 21% No formal strategy

While a comprehensive Industry 4.0 strategy may not guarantee success, our survey indicates those companies with strategies significantly outperform their peers without strategies.

Technology.

In terms of technology's expected effect, business leaders anticipate IoT, AI, and cloud solutions will have the most profound impact on their organizations.



ARE WE READY



Making a profit while positively contributing to society is a top investment priority.



62% of
executives agree

Environmental issues are a looming threat to operations.



89% agree that climate
change will negatively
impact their businesses



91% have sustainability
initiatives in place or
on the drawing board

Talent.

Ultimately, it takes talent to put the plan and tools into action today—and companies need a highly skilled, adaptable, and resilient workforce for sustained Industry 4.0 success. Only 20% of CXOs completely agree their organizations have the skills needed to succeed in this era.

Investment priorities



STRATEGIES FOR THE FUTURE



**Be Skill
Intensive
Not Labor
Intensive**



**Continuous
Growth &
Improvement**



**Keen on
Training &
Capacity
Building**



**Ready for
Partnership &
Networking**



**Create
Successful
Models to
Follow**

ICESCO welcomes everyone to partner on these frontiers

THANK YOU

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