

ACTVET

Abu Dhabi Centre for
Technical and Vocational
Education and Training | مركز أبوظبي
للتعليم والتدريب
التقني والمهني

Innovation Strategy

2021-2025





H.E. Dr. Mubarak Saeed Al Shamsi
Director General ACTVET

General Director's Note

In an ever changing world, innovation has become a vital cornerstone in achieving sustainable development objectives. The importance of innovation is increasing nowadays in light of the accelerating global changes and the technical and technological advancements around the world, which result in a constantly developing and evolving job market. Therefore, TVET institutions are prompted today to be highly responsive to those changes and to proactively address the new requirements. This can be made possible through adopting disruptive thinking and transformation that will reinforce the principles of "preemptiveness" and "agility" in the TVET system and will position the UAE as a leading nation over the next decades.

This strategy is aligned with the UAE National Innovation Strategy with objectives to prepare individuals with future skills concentrating on sciences, technology, engineering and mathematics, to foster environment that encourages innovation, and to organize national and international competitions that instills the competitiveness sprit, encourages innovation and entrepreneurship, and enhances partnerships with the private sector.

ACTVET acknowledges that innovation is a fundamental pillar of its operations and initiatives that will lead to building a knowledge based economy and sustainable society in which the TVET pathway is the first choice for the UAE citizens.



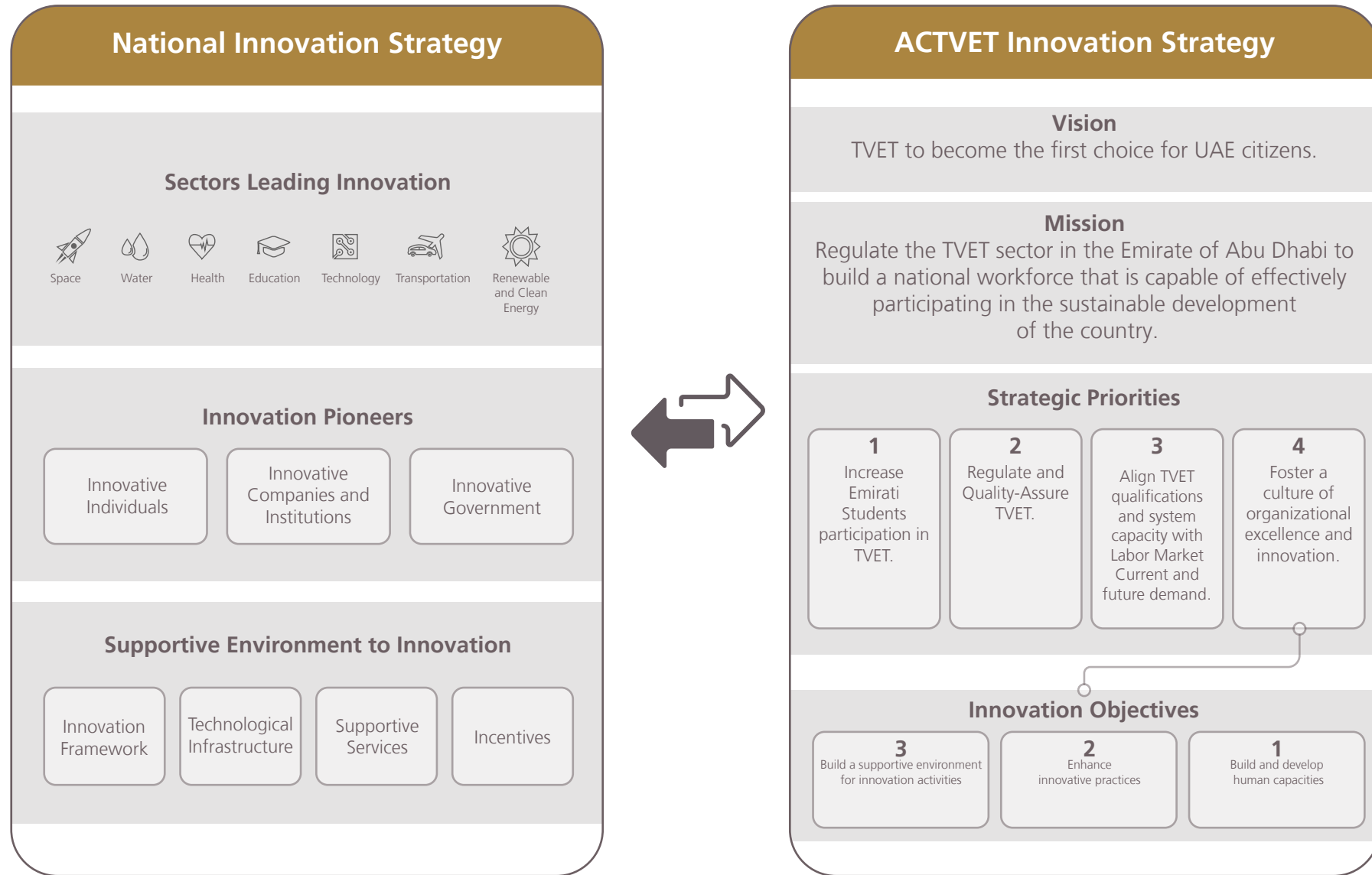


Strategies and Supportive Directives

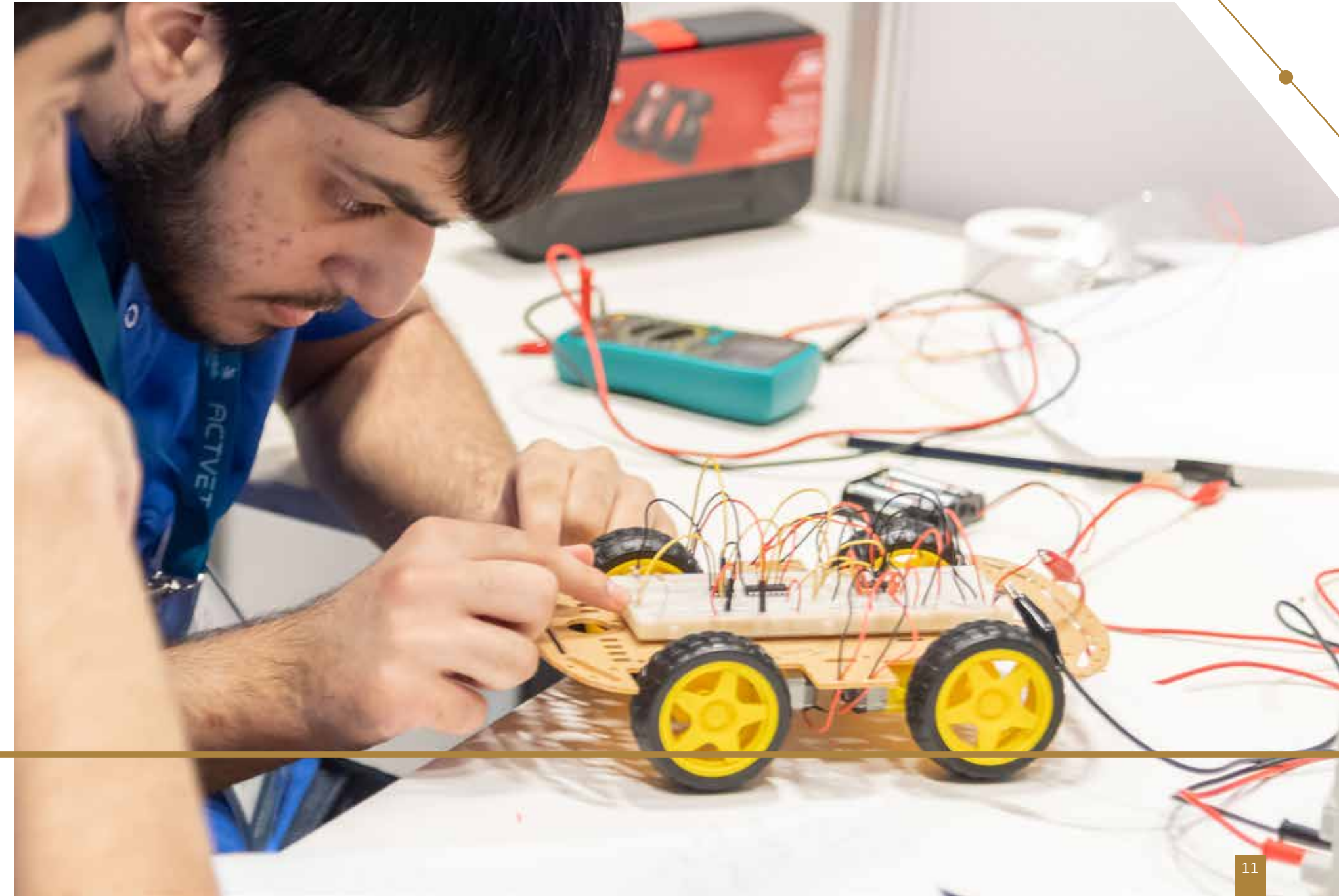
ACTVET developed its innovation strategy in alignment with the national strategies, including the National Innovation Strategy, Abu Dhabi Plan, the Advanced Skills Strategy, and the Smart Government Strategy with the objective of achieving the UAE Government aspirations and goals in the field of innovation.



Alignment of ACTVET Innovation Strategy with the National Innovation Strategy



Innovation Elements at ACTVET

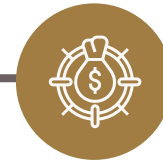


Enablers of Innovation at ACTVET



Partnerships

- Developing strategic partnerships at the local and global level to support innovation and researches.



Incentives

- Encouraging employees and students to be innovative through incentives.



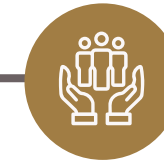
Information capital

- Establishing a platform to exchange information and gather ideas.



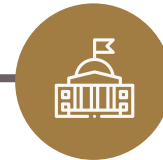
Technology

- Utilizing technology to enhance students' education, simplify work procedures and enhance efficiency.



Human capital

- innovative employees
- Innovative administration and faculty.
- Innovative students

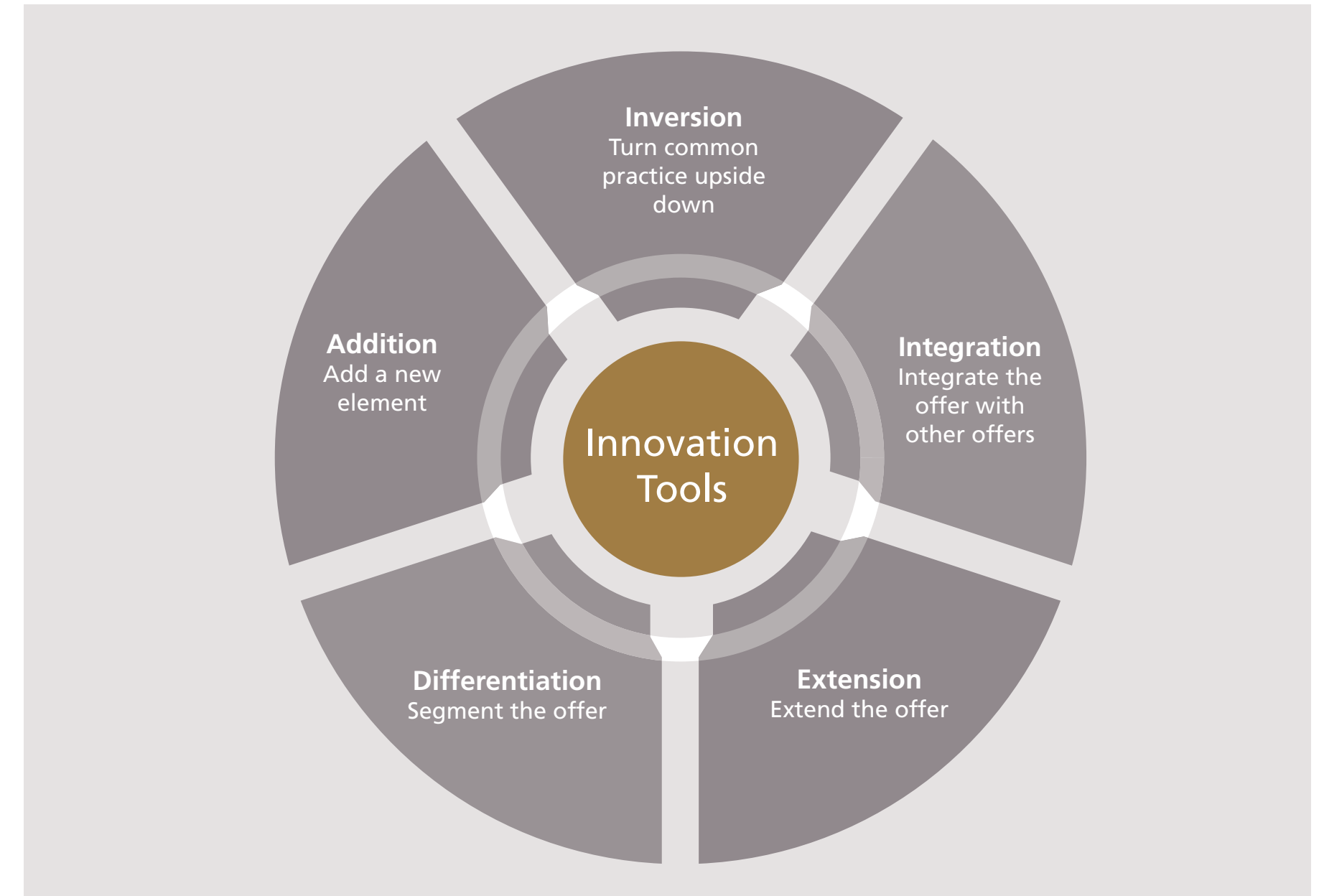
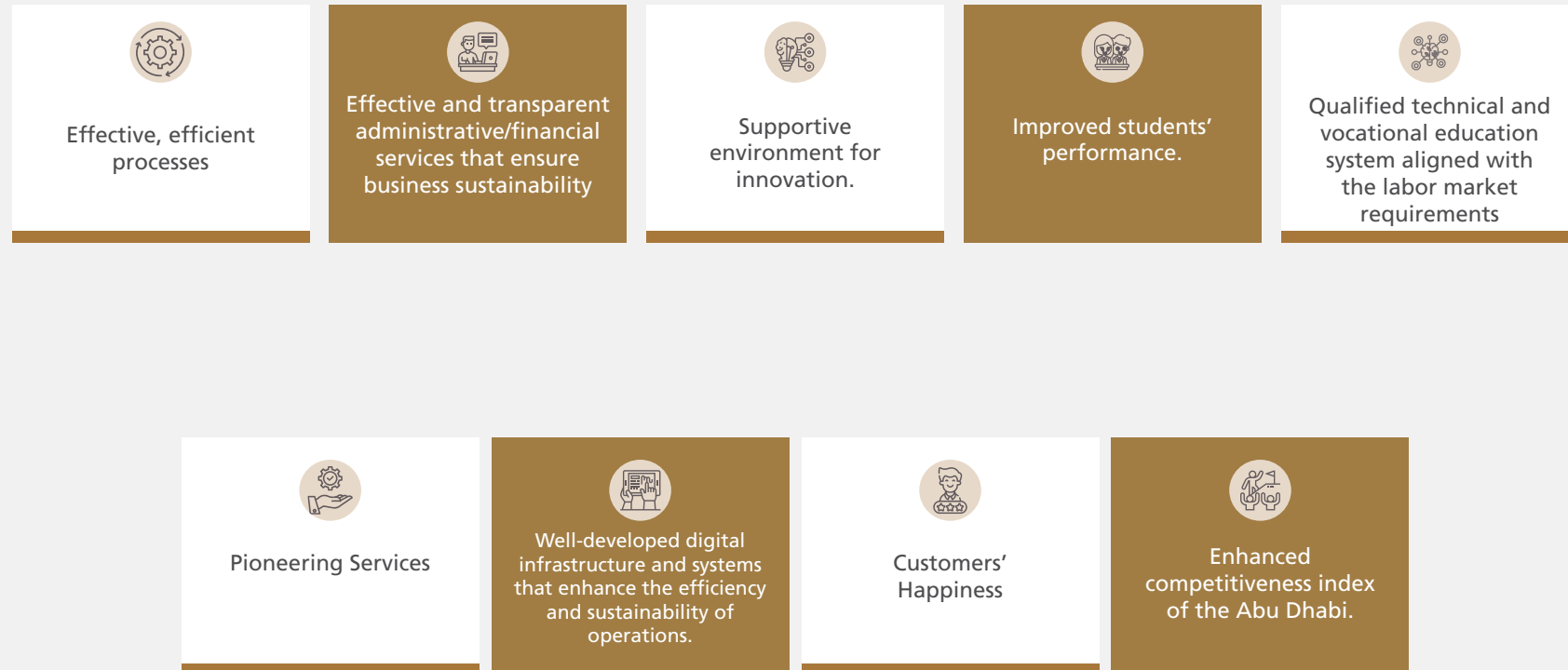


Governance

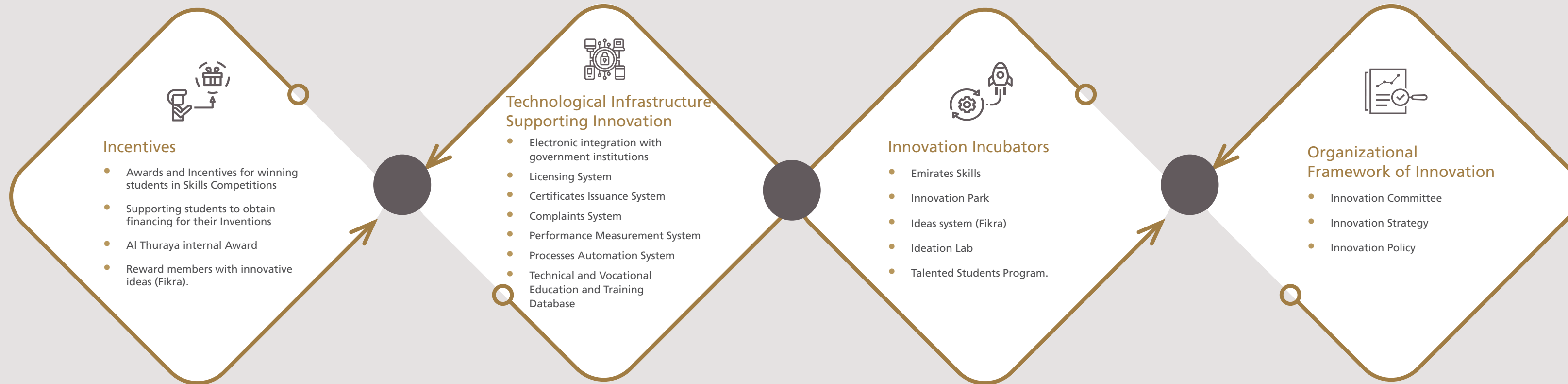
- Innovation Committee
- Innovation strategy
- Innovation Policy

Innovation Parameters

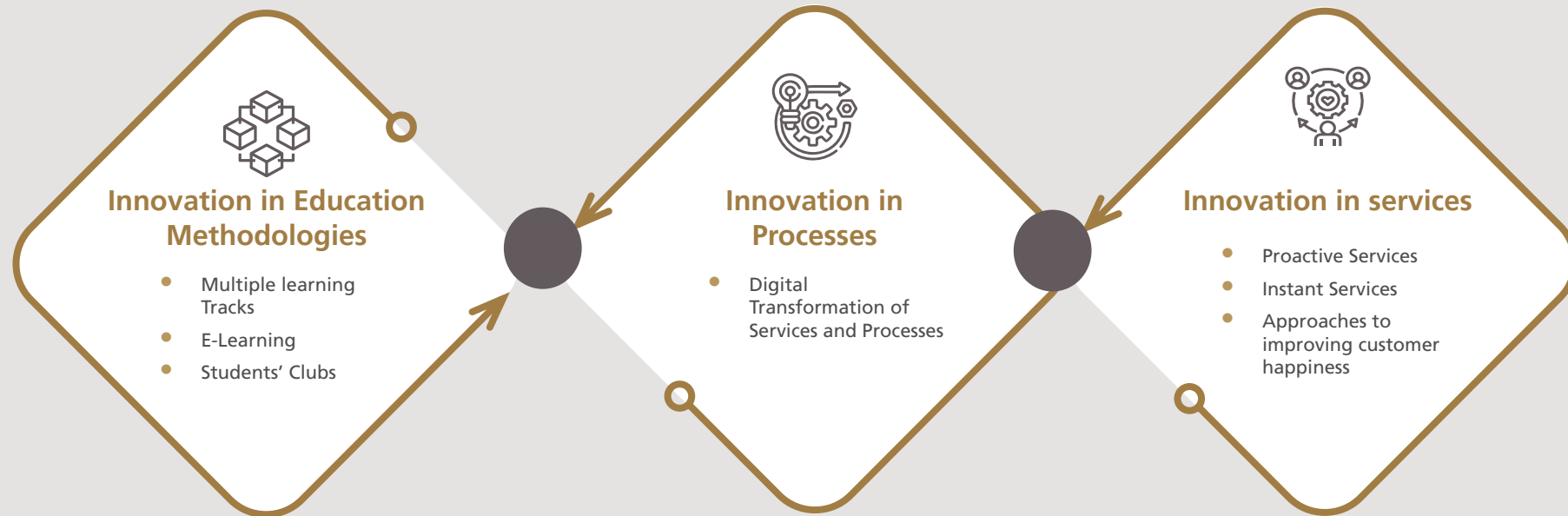
ACTVET seeks through its Innovation Strategy to achieve the Following



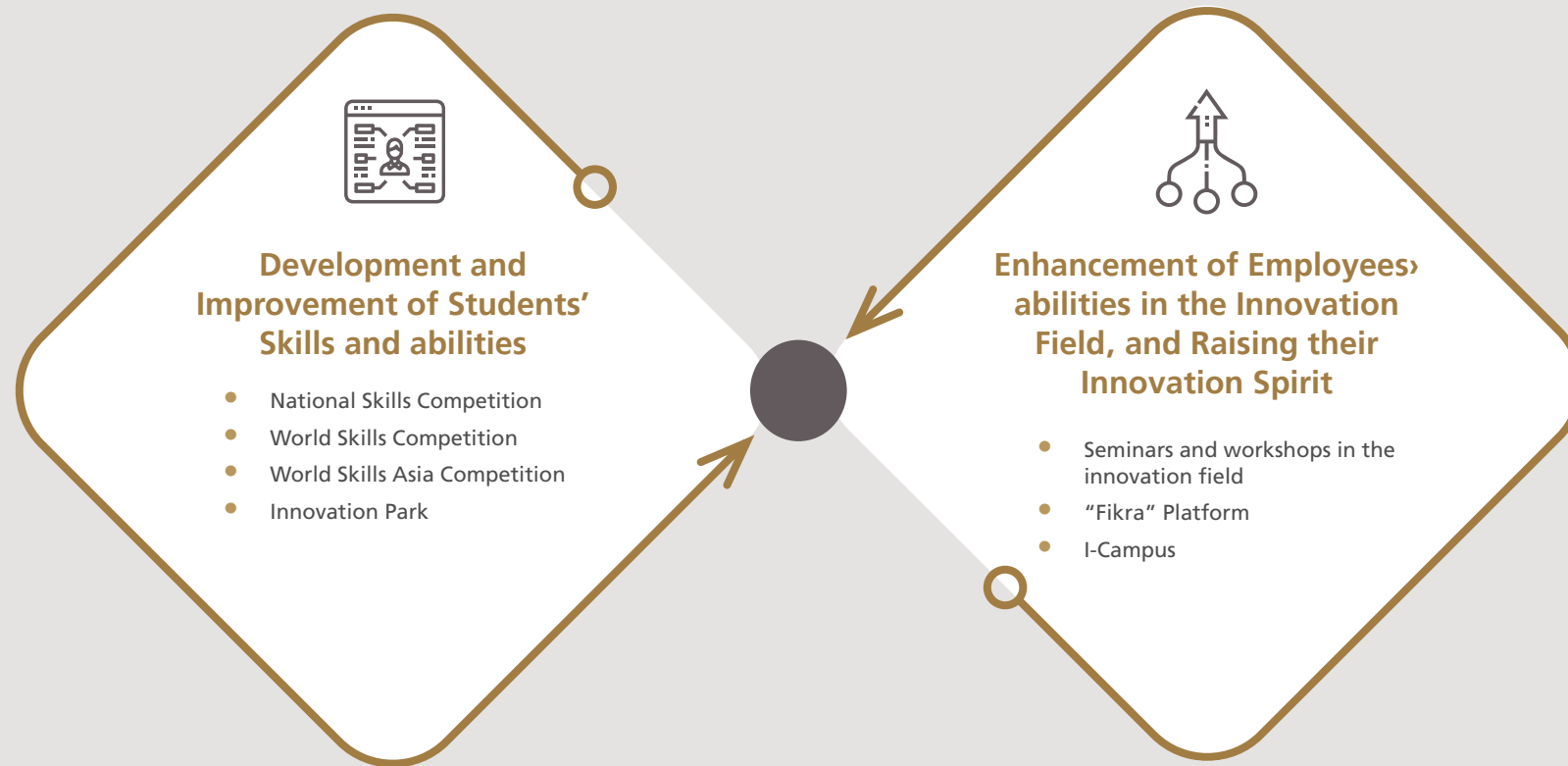
First Objective: Build a supportive and motivative environment for innovation and knowledge activities



Second Objective: Enhance innovative practices



Third Objective: Build and develop human capacities



ACTVET's Partners

Abu Dhabi Executive Office

Private Sector Partners

Private Sector institutions which cooperate with ACTVET in developing the vocational qualifications and in providing sustainable employment opportunities for TVET graduates.

International Organizations and Institutions

The International Centre for Technical and Vocational Education and Training (UNEVOC) and WorldSkills Organization

Institutions and Organizations

Individuals

Students / Teachers

Parents

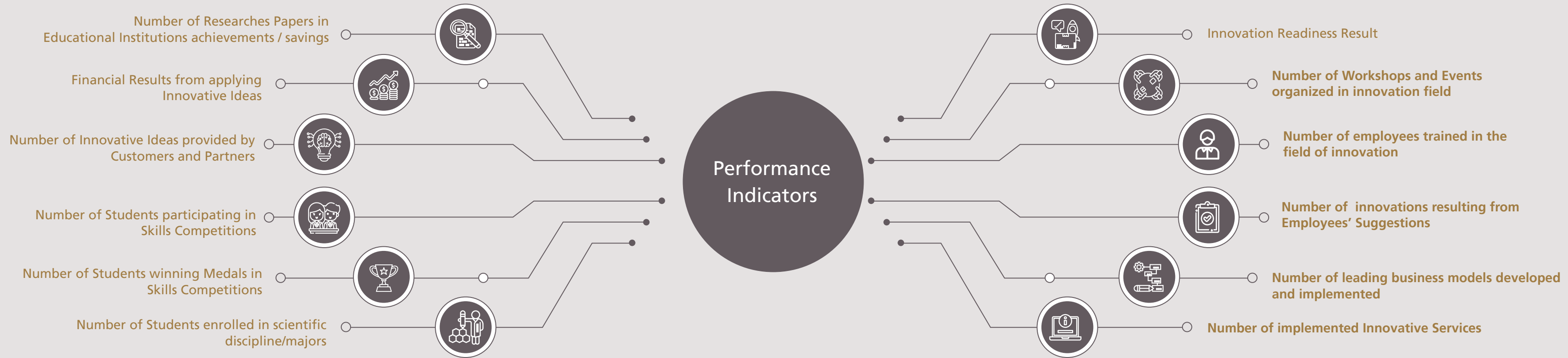
Education Partners

- Ministry of Education
- Ministry of Artificial Intelligence
- Department of Education and Knowledge
- National Centre for Qualification

Education Institutions

- Khalifa University
- United Arab Emirates University
- Zayed University
- Higher Colleges of Technology
- Licensed and approved education and training institutions





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Strategic Map of Innovation

Strategies and Supportive Directives

National Innovation Strategy | Abu Dhabi Plan and Economic Vision 2030 | UAE Strategy for Artificial Intelligence | UAE Strategy for the Future and Innovation | Comprehensive Smart Government Strategy | Business Continuity and Risk Management | Government Services Manual | National Employment Strategy 2031 | Advanced Skills Strategy | National Qualifications Framework | Government Excellence Framework | UAE Digital Government Strategy | Abu Dhabi E-Government Strategy



ACTVET Strategy

Vision

TVET to become the first choice for UAE citizens.

Mission

Regulate the TVET sector in the Emirate of Abu Dhabi to build a national workforce that is capable of effectively participating in the sustainable development of the country.

ACTVET's Fourth Strategic Priority

Foster a culture of organizational excellence and innovation.



Innovation objectives

Build a supportive environment for innovation activities

Strengthen and enhance innovative practices

Build and develop human capacities



Enablers

Governance

- Innovation committee
- Innovation Strategy
- Innovation policy

Human Capital

- Innovative employees
- Innovative administration and faculty
- Innovative students

Technology

Utilizing Technology to improve students' education, and simplify work procedures and enhance efficiency.

Information capital

Establishing a platform to exchange information and gather ideas

Incentives

Encouraging employees and students to be innovative through incentives.

Partnerships:

Developing strategic partnerships at local and global level to support innovation and researches.



Innovation Elements

Innovation in education:

Updating the approach adopted in education methods to enhance and develop the students' creativity and innovation culture and spirit

Innovation in services:

Providing new or developed services and innovative methods for providing services.

Innovation in operations

Updating innovative administrative and organizational processes which contribute to the institutional business development.

Innovation in Projects

Executing innovative projects which can accomplish ACTVET's objectives and enhance the technical and vocational education and training.

Innovation in technology and systems:

Innovating technological systems that supports Government direction towards digital transformation.

Innovation in polices

Developing policies to guarantee provision of an environment motivating innovation, growth and development.

Innovation Parameters

Technical and vocational education system aligned with job market / Students' high performance / encouraging environment innovation / effective and transparent administrative and financial Services ensuring business sustainability / pioneering processes and services / efficient and effective processes / Customers' Happiness / Developed Digital Infrastructure and Systems and digital transformation supporting efficiency and sustainability of business / enhanced competitiveness index of Abu Dhabi.

ACTVET Initiatives for Supporting Innovation

Innovation Committee / Innovation Strategy / Innovation Policy / Innovation Park / Innovative Ideas Chamber / support Gifted and Talented Students / E-Connection with Government Institutions / Licenses Issuance System / Certificates Issuance System / Complaints System / Performance Measurement System / Processes Automation System / Technical and Vocational Education and Training Database / award and Incentives for Students winning Skills Competitions / Assisting Students in getting financing for supporting their inventions / Interior Thuraya award / Idea award / Instant Services / Customers' Happiness Enhancement / Digital Transformation of Services and Processes / Multiple Educational Tracks / Learning / Students' Club / Seminars in Innovation Field / "Fikra" Platform / Electronic, Continuous Education Portal / National Skills Competition / WorldSkills Competition / WorldSkills Asia Competition

Performance Indicators

Innovation Readiness Result / Number of Workshops and Events Organized in Innovation Field / Number of Employees Trained in Innovation Field / Number of Innovations Resulting from Employees' Suggestions / Number of Pioneering Business Models which were innovated and applied / Number of Leading Business Models Developed and Implemented / Number of Implemented Innovative Services/ Number of Researches Papers in Educational Institutions / Financial Results from applying Innovative Ideas / Number of Innovative Ideas Provided by Customers and Partners / Number of Students participating in Skills Competitions / Number of Students winning Medals in Skills Competitions / Number of Students enrolled in scientific majors.



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