

Governance

The UN Sustainable Development Goals (SDGs) have been considered as the transformative pathways that will lead to a more equitable global society and sustainable planet. However, there are plenty of challenges that need to be considered in the governance processes of the university. One key challenge is parties to have a multitasked project where government, business, non-governmental organizations (NGOs) , and academia involved to work together in joint projects and initiatives for implementation of SDGs.

Under the sector of community service and environmental development agenda, businesses, governments, and NGOs are called upon to pursue a more sustainable path forward. In this context, Alexandria university plays a crucial role in bringing together a diverse group of societal stakeholders to take action and make an impact.

Particularly, Alexandria university is highly concerned with the industrial sector, as Alexandria city is the hub of about 41 % of the industrial sector in Egypt. A special committee for cooperation with industry has been established to discuss the ways and means of cooperation, and develop solutions for encountered problems based on green economy, green energy and cleaner production. Examples of such companies are:

Governance action: The Council of Community Service and Environmental Development at the University of Alexandria decided, to form a higher committee of Alexandria University professors to be concerned with activating aspects of cooperation between the university and the industry community, overcoming all obstacles related to this, and limiting all research applied, study its marketing and implementation on the ground, and present its suggestions and recommendations to maximize the role of what the university can offer to the industry.

Second, there have been significant shifts in the role of the private sector in the development of SDG solutions . The private sector has important resources, including innovation, responsiveness, efficiency, and specific skills. The UN's SDG agenda can be used as a reference framework that may help TNCs better link core business operations and corporate social responsibility (CSR) with sustainable development.

Governance action: Establishments of the Science valleys and technological incubators of Alexandria University

This is one of the goals of the community service and environmental development sector strategy to investment in the existing scientific, innovative and administrative capabilities and expertise available at the university. It is also part of the university vision and goals , where the university realized that its strength lies in the scientific and intellectual capacity of its youth and in turn will lead to the formulation of investment of innovations and promotion of cooperation with private sector and industrial sector with the focus investment emerging in industries or markets. This presents a shift of the role of Alexandria University from knowledge producer to co-creator of solutions. This way, Alexandria University became a hubs for innovation, creativity, and collaboration towards addressing the development challenges, as well as engines of societal transformation

A dedicated committee is initiated for the science valley with the role of transferring ideas, innovations and research outputs to emerging technology companies as spin-offs. This role is in line with the National Strategy for Science, Technology and Innovation 2030. This committee plays an important role in catalyzing to raise the level of scientific capabilities and achieve optimal investment of available resources and competition with their products in global and regional markets.

General objectives of the committee

- Promoting innovation, technology development, transfer and marketing in cooperation between local and international stakeholders, in order to support the knowledge-based economy and to access home-made products.
- Enhancing the utilization of the university's current resources to establish technology incubators in cooperation with industrial entities.
- Study the applications submitted by the university to establish valleys, technological incubators and companies, and make sure that they are used to achieve the university's vision

Pillars:

- The National Strategy for Science, Technology and Innovation 2030
- Law No. 1 of 2019 establishing the Innovators and Innovators Care Fund
- Science, Technology and Innovation Incentives Law No. 23 of 2018 and its implementing regulations.
- The guidelines for establishing technology incubators within the framework of the National Program for Technology Incubators (INTALAQ) issued in January 2020.

The valleys of science and technology are the avenue where technology incubators and companies have emerged, aiming to promote innovation, technology development, transfer, and marketing in cooperation between local and international stakeholders, in order to support the knowledge-based economy, and to access home-made products, referred to in this bylaw as medicines.

Technological incubators

Laboratories and entities supporting scientific research and innovation that are established for the purpose of providing business services and technical and scientific facilities for scientific research projects, support mechanisms and technical consultations for innovators and emerging companies through the outputs of scientific research, in order to reach prototypes that can be manufactured.

In this regard, in order to cope with digital transformation, fourth-generation university, and support the notion of knowledge economy, Prof. Konsowa established an internal innovation club to support students' innovation and creativity, and cooperate with the big companies to fund such innovations. The president of the university has directed the vice deans of faculties to form a working group to gather applicable students' innovations and follow up implementation in coordination with the centre of Career development and entrepreneurship