7.4.4 University inform and support government in clean energy and energy-efficient technology policy development

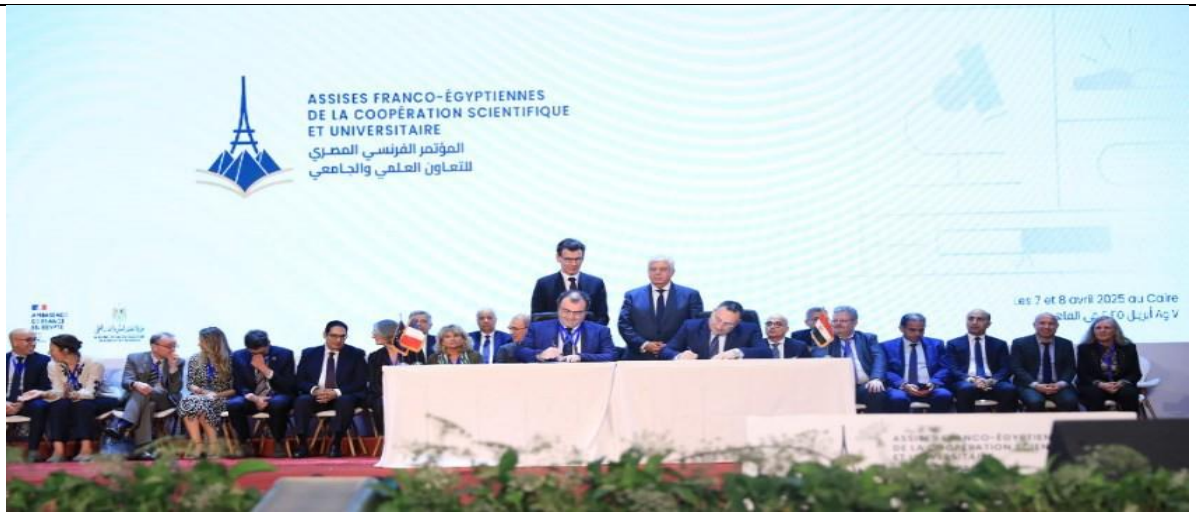
Alexandria University actively supports government efforts in clean energy and energy efficiency by providing research, data, and policy guidance. Through sustainability reports, applied research projects, digital monitoring tools, and international collaborations, the university shares insights on energy-efficient technologies and renewable energy solutions. It engages in joint initiatives with ministries, industry, and international partners, including training programs, workshops, and advisory services, to advance Egypt's Vision 2030 and the UN Sustainable Development Goals. By embedding science-based recommendations into national strategies, Alexandria University serves as a model for evidence-driven, sustainable energy governance.

- Alexandria University has published its annual Sustainability Report on its official website for the last three consecutive years (2022, 2023, and 2024). Each report details the university's environmental performance, sustainable infrastructure projects, academic initiatives aligned with the United Nations Sustainable Development Goals (SDGs), and community engagement efforts, all in support of Egypt's Vision 2030. The university actively implements formal institutional policies to advance the SDGs across all dimensions of campus life. These policies are publicly available and systematically integrated into planning and operations. The consistent annual publication of comprehensive sustainability reports demonstrates Alexandria University's ongoing commitment to transparency, accountability, and leadership in sustainable development.
- Digital tools, such as the Green Cycle carpooling app and e-learning platforms for renewable energy courses, as well as centralized digital monitoring for utilities, further reinforced resource efficiency. This comprehensive digitization effort not only supports the university's goal of reducing its carbon footprint but also aligns with Egypt's Vision 2030 and global sustainability commitments by enhancing educational quality, institutional resilience, and environmental stewardship.
- Alexandria University has established a comprehensive and integrated sustainable transportation system that aligns with *Egypt's Vision 2030* and the *United Nations Sustainable Development Goals (SDGs)*. Central to this strategy is a strong institutional commitment to reducing private vehicle dependency, minimizing the parking footprint, and promoting zero- and low-emission mobility across all campuses.
- Annual events, such as the "Running for Green" marathon and the "Our Health is in Our Planet" awareness run, as well as university-wide cycling festivals, promote physical activity and foster climate awareness among students and staff. The award-winning *"Green Cycle"* carpooling application, developed by the Faculty of Pharmacy, facilitates safe ride-sharing for staff and students and has received regional recognition for two consecutive years in green innovation competitions.
- The consistent downward trajectory aligns with the emission reduction pathways recommended by the Intergovernmental Panel on Climate Change for limiting global warming to 1.5 °C. It

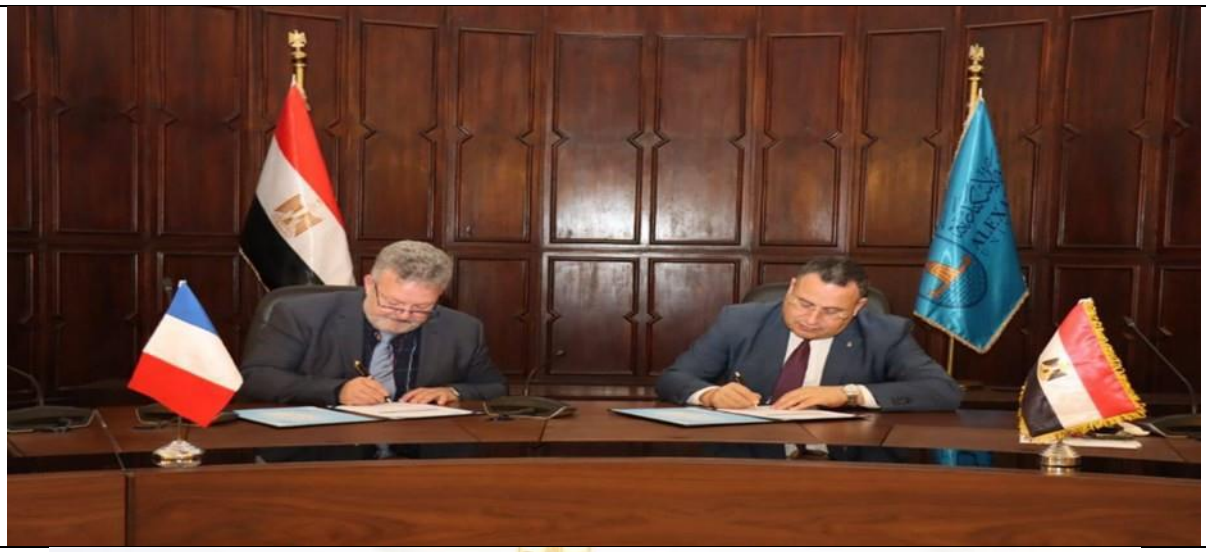
supports Egypt's updated Nationally Determined Contributions under the Paris Agreement. By embedding these measures into core operational planning, the university demonstrates a replicable model of science-based climate governance within the higher education sector.

- The university currently holds 118 fully active international agreements, with an additional 89 agreements pending final approval, spanning five global regions. These collaborations encompass dual and joint degree programs, Erasmus+ projects, academic exchanges, and collaborative research initiatives. All partnerships are strategically aligned with Egypt's Vision 2030 and the United Nations Sustainable Development Goals (SDGs), focusing on key priority areas such as climate action, the blue economy, sustainable agriculture, water security, and renewable energy.

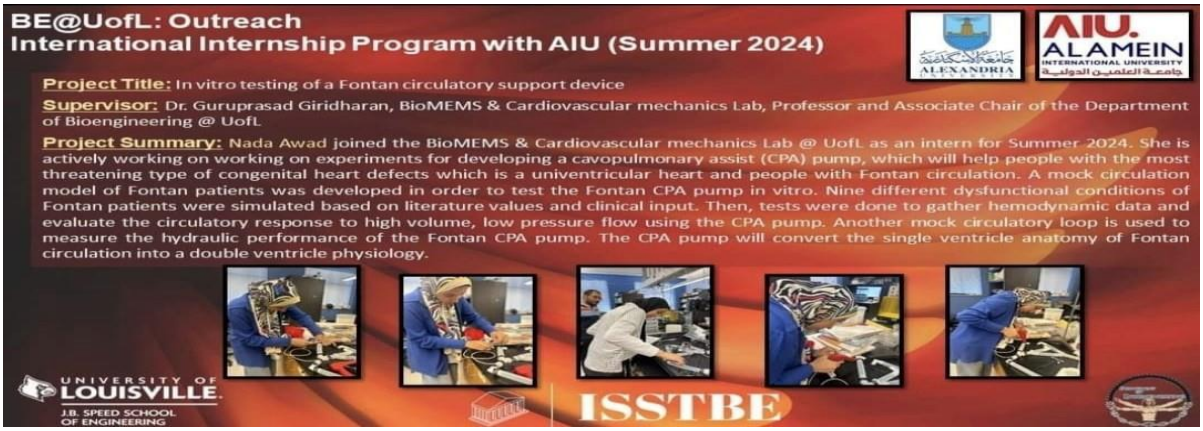
- Through structured curricula, mandatory international mobility, co-supervised theses, and applied research projects with government and industry partners, among the most notable initiatives are the M.Sc. in Sustainable Blue Economy and Management of Coastal Resources (Université du Littoral Côte d'Opale, France), the M.Sc. in Smart Environmental Management of Climate Change (University of Catania, Italy), and the M.Sc. in Natural Resources Sustainability for Land Development (RWTH Aachen University, Germany). Additional high-impact collaborations include the joint Bachelor's programs in Medicine and Dentistry with the University of Manchester (UK), dual engineering degrees with the University of Louisville (USA), and new agreements signed during President Macron's April 2025 visit to Egypt with leading French universities. These programs not only prepare graduates for sustainability-oriented careers but also reinforce Alexandria University's leadership in advancing internationalized, sustainability-focused higher education across the region.



Five Cooperation Protocols Signed Between Alexandria University and French Universities

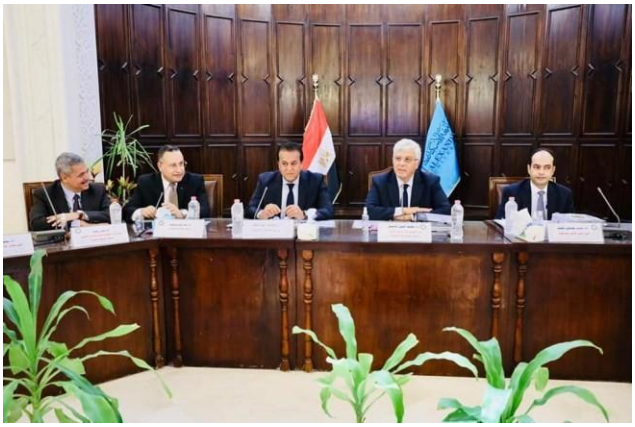


AU and Université du Littoral Côte d’Opale (ULCO) – Dual Degree Cooperation Programs

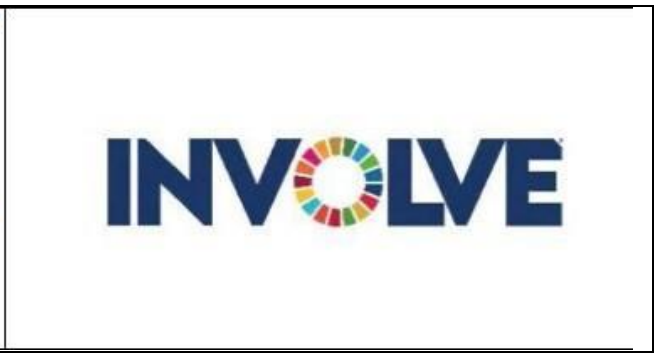


Alexandria University's Faculty of Engineering Students win First Places in Annual Summer Training Competition at University of Louisville, USA. The summer training program comes within the framework of the distinguished partnership between Alexandria University and the University of Louisville, USA, over the past years, which includes the partnership in summer training in research laboratories at the University of Louisville, and the partnership in the 2+2 bachelor's programs to grant double degrees in computer science and engineering, and biomedical engineering majors. This year was the graduation of the first group that joined the University of Louisville through this partnership in the field of biomedical engineering, numbering five students.

- The Minister of Higher Education chairs the meeting of the Supreme Council of Universities at Alexandria University supporting the “Egypt Digital Cubs” initiative organized by the Ministry of Communications and Information Technology, by allowing the use of electronic testing laboratories spread throughout all public universities, to conduct admission tests for applicants, by activating a tripartite cooperation protocol between the Ministry of Higher Education and Scientific Research, the Ministry of Communications and Information Technology, and the presidents ofpublic universities. The Ministry launched the green financing initiative for research, development and innovation to support applied projects that contribute to solving environmental problems, nature conservation, Energy Efficient Appliances Usage Alexandria University intends to realize further energy savings by paying close attention to energy management. All the faculties and institutes of the university realize their own energy-saving potential by means of LED lighting and the deployment of sustainable technology.



- Project “Integrating Sustainable Development Goals into Universities for Better Management of Climate Change,” which is funded by the European Union within the Erasmus Plus program (2021-2024)with a budget of 15 million pounds, via the electronic platform, and its work continued over two days. Alexandria University is leading the project, which includes 7 other partners, from the European Union, namely the University of Aveiro in Portugal, the University of Sassari in Italy, the University of Valencia in Spain, the Euro-Mediterranean University from Slovenia, and from Egypt the Arab Academy for Science, Technology and Maritime Transport, Zewail University, and Heliopolis University. The project aims to enhance the capabilities of Egyptian universities in terms of raising awareness of sustainable development goals for university members, integrating sustainable development goals into strategic plans and university policies, and transforming universities into environmentally sustainable universities.



جامعة الإسكندرية
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Policy on Energy and water sustainable use

Alexandria university is Committed to pursuing sustainable development within and through the university and to reassessing higher education and its role in the transition to more sustainable societies. This includes building synergies and collaboration in the search for effective and innovative approaches to solving today's as well as future sustainable development challenges.

The university ensures that all renovations and establishment of new buildings are following energy efficiency standards and water conservation strategies.

The university ensures divesting investments and purchases from Carbon-intensive energy industries particularly coal and oil.

The university through its faculties is committed to maximise water reuse across the university buildings and through all services provided in the process of education and research

The objective of this statement is Commitment to offering an open, interactive and collaborative forum for discussion and action, to raise awareness and advocate for changes needed changes in higher education to best serve the goals of sustainable development, (SDGs) as well as building international linkages and cooperation on the basis of core values of academic freedom, institutional autonomy and related local and global responsibilities to society.

Being uncompliant with the commitment to purse sustainable development issue will be regarded as interfering with personal development of the students, and the university administration will act accordingly

Policy created September 2019

Policy reviewed October 2022

Prof. Abdel Aziz Konsowa

University President

A. Konsowa

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Alexandria University Sustainable Investment policy.

A sustainable investment policy refers to the set of guidelines and principles that Alexandria University . The policy aims to align the organization's investment activities with its sustainability goals and values.

Implementing a sustainable investment policy align investments strategies of the university with sustainable developement Goals, and promotes responsible investing practices, and contribute to the transition to a more sustainable and resilient economy. It also attracts socially and environmentally conscious investors and stakeholders who value sustainable investment practices.

Important elements include:

1. ESG Integration: The policy should emphasize the integration of ESG factors into the investment decision-making process. This involves considering environmental and social risks and opportunities, as well as governance practices of potential investments. ESG analysis can help identify companies or projects that demonstrate strong sustainability performance.
2. Sustainable objectives: The policy defines the university's sustainability objectives and priorities focusing on on specific ESG themes, such as climate change, renewable energy, social justice, or diversity and inclusion. Such objectives help guide investment strategies and ensure consistency with sustainability goals .
3. Engagement and Stewardship: The policy outlines the organization's commitment to active engagement with investee companies to encourage improved ESG practices. This includes voting on shareholder resolutions, engaging in dialogues, and exercising influence to promote positive change. Stewardship activities help drive sustainable behavior and align investee companies with sustainability goals.
4. Ongoing review and monitoring: The policy includes procedures for ongoing monitoring and review of investments to ensure they continue to meet sustainability criteria. Regular assessments of portfolio performance, ESG risks, and evolving sustainability trends help maintain alignment with the university's strategic objectives
5. Positive Impact investments: The policy ensures commitment to investing in projects that generate positive environmental and social impacts. This could include investing in renewable energy projects in new buildings of the universities and in the upgrade process taking place, , clean technologies in the use of energy and water, sustainable infrastructure with green areas .
6. Reporting and transparency: The policy encourages collaboration with the industry sector, and stakeholders to advance sustainable investment practices. This involves

sharing best practices, participating in initiatives, and supporting industry-wide efforts to promote sustainability.

Adopting this sustainable investment policy, the university contributes to positive social and environmental outcomes while generating financial returns. It demonstrates a commitment to responsible investing and can attract stakeholders who value sustainability.

Following this strategy, the university has established several investment projects e.g. technology park for incubation and acceleration, Alexandria National university, International university with two branches in Chad and south Sudan, as well as International Branch Campuses (IBC).

University president Endorsement

A. Konsowa

Prof. Abdel Aziz Konsowa

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Alexandria University Sustainable Procurement/purchasing policy.

A sustainable procurement or purchasing policy refers to the set of guidelines and principles that Alexandria University follows when procuring goods, services, or works in a sustainable and socially responsible manner. It aims to minimize the negative environmental, social, and economic impacts associated with the procurement process and promote sustainable practices throughout the supply chain.

Implementing a sustainable procurement and purchasing policy brings several benefits including reduced environmental impact, enhanced reputation, cost savings through efficiency improvements, and increased social responsibility. The element of the policy are used as guidelines that the university follows when making decisions with a focus on environmental, social and governance (ESG) factors and ensure consistency with sustainability goals.

Below is the set of key elements included in the policy:

1. Environmental Considerations: prioritization of environmentally friendly products and services that have a reduced carbon footprint, conserve resources, promote energy efficiency, and minimize waste generation. This includes the use of renewable materials, promote recycling and waste reduction, and specify environmentally preferable conditions and standards.
2. Social and Labor Standards: The policy require suppliers to comply with social and labor standards, including fair wages, safe working conditions, and respect for human rights. Such a policy promotes the use of suppliers who have fair trade or responsible sourcing certifications and encourage diversity and inclusion
3. Ethical Sourcing: The policy addresses issues such as conflict minerals, child labor, and corruption. It requires suppliers to provide evidences of responsible sourcing practices and ensure that they do not engage in unethical or illegal activities.
4. Screening and Exclusions: The policy includes criteria for screening and excluding certain investments based on negative ESG factors. For example, it may exclude investments in companies involved in fossil fuel extraction or those with poor labor practices. This approach aims to align investments with ethical and sustainable principles
5. Supplier Evaluation and Selection: The policy outlines criteria for evaluating and selecting suppliers based on their sustainability performance. It considers factors such as environmental management systems, social responsibility practices, and adherence