



الجامعة الأوروبية بفس  
EUROMED UNIVERSITY OF FES  
UNIVERSITÉ EUROMED DE FÈS

# SDG12 report

## RESPONSIBLE CONSUMPTION AND PRODUCTION

2025



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# SDG12 Report: Responsible Consumption and Production

## Introduction

At UEMF, the Purchasing and Logistics Department's main objective is to satisfy the needs of internal customers, by obtaining the best performance from suppliers (Quality / Cost / Deadlines / Services) in compliance with current regulations and in line with UEMF's general strategy.

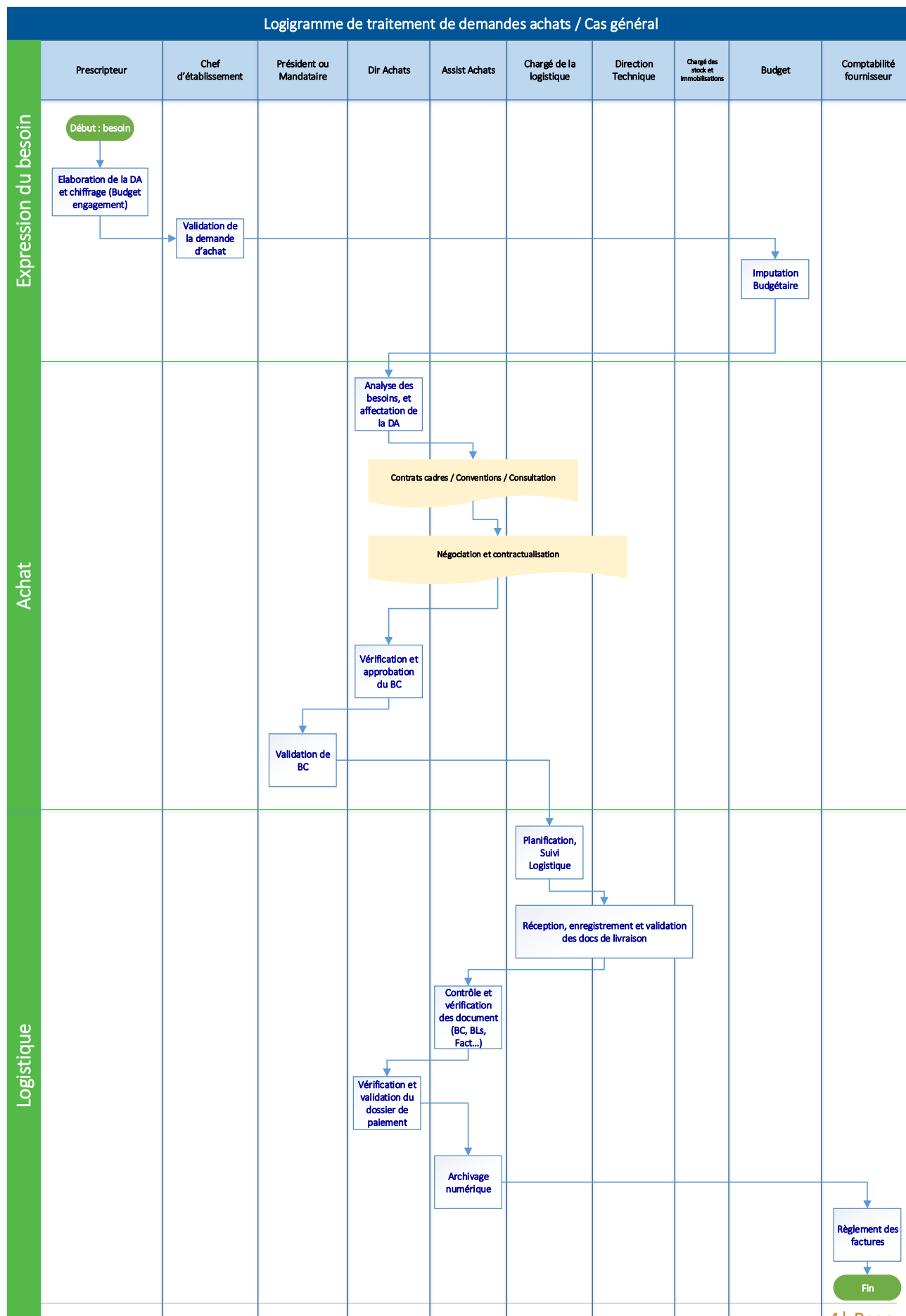
Generally speaking, the purchasing and logistics function has the mission of:

- conduct regular market monitoring;
- collect the needs of internal customers while avoiding overconsumption at the end of the financial year;
- launch consultations, conduct sourcing and supplier selection;
- negotiate prices and purchasing conditions;
- place orders;
- ensure all logistics operations;
- ensure compliance with the rules, procedures and laws in force;
- ensure compliance with professional standards and ethics: fairness, transparency, equal opportunities and absence of conflicts of interest
- integrate sustainable development criteria into market rating rules
- to encourage the sharing of equipment, particularly printing (installation of floor copiers)

The UEMF is concerned with:

- rationalize purchases and raise awareness among users about responsible consumption
- include respect for the environment and the end of life of products in procurement clauses
- give priority in its purchases to the following criteria: cost, quality, availability, delivery conditions, after-sales service, product guarantee and the good reputation of the supplier

The purchasing procedure (accompanied by the flowchart) is described in detail in the UEMF quality assurance manual



The UEMF is aware of the challenges of the purchasing professions and their role in protecting the environment (characteristics of the goods and services requested, energy efficiency of the products, carbon footprint linked to their manufacture, distances traveled and mode of transport used and their impact on energy consumption and climate change, etc.).

### Responsible purchasing policy

A responsible purchasing policy requires a significant investment in training and an additional burden on buyers. That said, a drafting effort is underway. Part of it was presented in the "Responsible UEMF" project, which received the responsible innovation label.

<https://ueuromed.org/sites/default/files/upload/files/politique-des-achats-responsables-uemf-2023.pdf>



### Responsible Digital Charter

<https://ueuromed.org/sites/default/files/upload/files/charte-numerique-responsable-2023.pdf>

### Fight against waste

The UEMF encourages subcontractors to control food quality and avoid waste. The energy use of organic waste for the production of bioenergy (biogas, liquid biofuels) and compost is currently being tested in student projects.

- Choice of food suppliers
- Protection and preservation of food products in compliance with the national standards of the National Office for Food Safety (ONSSA) <http://www.onssa.gov.ma/>
- Delivery of food products in the best conditions
- Anticipation of public needs by analyzing questionnaire responses
- Menus composed with a dietician in response to individual needs: light menu, full menu
- Meal structure and consideration of specific customer needs (quantities/portions served)
- Training restaurant staff in waste sorting
- Daily donation of food leftovers to charities
- Composting peelings

### Waste management

**UEMF waste management policy**

[https://ueuromed.org/sites/default/files/upload/files/politique-uemf-de\\_gestion-des-dechets-2023.pdf](https://ueuromed.org/sites/default/files/upload/files/politique-uemf-de_gestion-des-dechets-2023.pdf)

## Waste minimization

This mission is carried out by the UEMF Heritage Department

Its objective is the protection of the environment and the health of users on the one hand and the quantitative and progressive reduction of waste on the other.

It consists of:

- responsible management of consumables and waste by encouraging sorting and reserving several spaces for sorting and temporary storage of waste
- the supply of products for maintenance, cleaning, repair and eco-designed, reusable and recyclable work
- The economy of resources used on the eco campus in particular rainwater harvesting for watering and maintaining gardens and green spaces

General principles:

- Prevention (limit production)
- Recovery (recycling, energy, etc.)
- Elimination

The waste produced is stored and then transported by the municipality's trucks.

The heritage department has a physical plan for prevention, collection, sorting (paper, glass, plastic) and waste collection: wastepaper baskets (classrooms, offices), skips, household waste and restaurant container, battery container, container for the reuse of refillable inkjet cartridges, bins of different sizes, bin bags, and a general collection station, not forgetting the collection of garden waste.

In order to limit consumption, it was decided to limit the use of plastic, disposable items, battery-powered devices and to increase the purchase of low-energy lighting. Some of the sorted items are offered (old furniture, computers, components, etc.) to student clubs upon request.

## Hazardous waste (chemical products from laboratories)



Practical teaching and laboratory research generate various hazardous materials: chemical synthesis products, biological waste, used oils, contaminated objects. This waste is handled carefully (glove boxes, special gloves) and according to regulated procedures in order to reduce its harmful effects on the health of the students and researchers who handle it and on the environment.

The disposal of this hazardous waste is carried out in accordance with national regulations and with the resources of the municipal services.

General approach to waste packaging

1. Container (20 liters) labeled (indicating the type of product, the laboratory and the person responsible) suitable for the storage of each type of waste (do not mix incompatible products to avoid any explosion or fire)
2. Separate packaging of harmful, toxic or reactive products (avoid leaks)
3. All containers are inserted into a large plastic waste drum (200 liters)

The Heritage Department establishes a schedule for the periodic removal of hazardous substances.

## Training courses offered by UEMF in the field of Responsible Consumption and Production

- Mandatory and cross-curricular modules (7 pillars of the UEMF) are integrated into the training of all students, in particular awareness of the sustainable environment.
- Other modules are taught in particular at the Euromed Business School (EBS): law of the environment, social and solidarity economy, circular economy, ethical finance, business ethics, entrepreneurship, etc.
- Several scientific fields address these aspects, in particular:
  - Master's in Water and Environmental Management (water saving, waste management, etc.)
  - Master's degree in purchasing and supply chain management in continuing education (Manage physical, financial and information flows throughout the company's supply chain, Integrate digital technologies into purchasing and supply chain management, Define and implement an effective purchasing strategy)

## Research

### Energy Tic Valley Platform

- The development of research and innovation activities, as well as their promotion and the valorization of initiatives aimed at scientific and technological development in the fields of bioenergy and energy storage;
- The recovery of different types of green waste and agricultural by-products for energy purposes (production of biogas, electricity, heat, etc.) as well as the development of new processes and materials for the storage of different forms of energy, including electrochemically;
- Analysis, comparison, optimization and development of new technologies for energy recovery from biomass and energy storage.

### Agritech

<https://www.ueuromed.org/agritech>

### Doctoral thesis: Effect of recycling AlSi7Mg0.6 powder on parts manufactured by SLM

<https://www.ueuromed.org/sujets-de-these/effet-du-recyclage-de-la-poudre-alsi7mg06-sur-les-pieces-fabriquees-par-slm>

### Water desalination by forward osmosis: stretch solutes and recovery methods – review

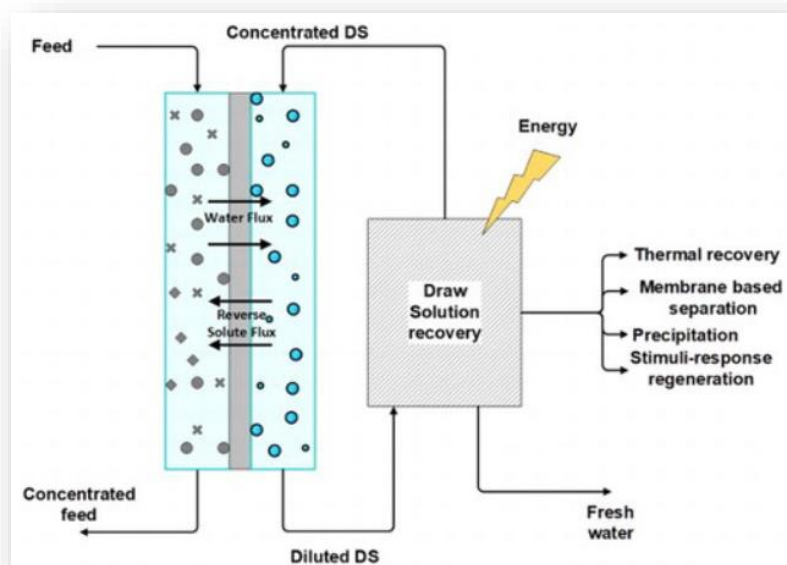
Imane Chaoui

Prof. Souad Abderafi

Prof. Sébastien Vaudreuil

Professor Tijani Bounahmidi





Water production has become a serious concern these days due to numerous environmental and social factors. Conventional desalination processes are considered energy-intensive, as energy consumption accounts for 50 to 60% of the cost of water production.

In this article, a state-of-the-art update of newly developed suction solutes such as deep eutectic solvents, ionic liquids, smart materials, and conventional FO suction solutes was performed. Finally, the challenges, opportunities, and future prospects of FO technology were discussed.

[Water Desalination by Forward Osmosis: Suction Solutes and Recovery Methods – Review: Environmental Technology Reviews: Vol 8, No 1 \(tandfonline.com\)](#)

## EBS\_Talks Conference: Circular Economy: Challenges, Issues and Limits



Guest on the show "avec ou sans parure" on Luxe Radio, Pr. Abdessamad RHALIMI, lecturer at the Euromed Business School, highlights the importance of the circular economy in the face of the exponential growth of global consumption by transforming our linear economy (produce, consume, throw away) and accelerating the change in production and consumption models in order to limit waste and preserve natural resources, biodiversity and the climate.

[Circular economy vs. economic growth: two reconcilable notions? - With or without adornment - Podcast | Luxe Radio](#)

<https://ueuromed.org/actualites/annonces-diverses/economie-circulaire-pr-abdessamad-rhalimi-presente-son-approche-sur>

## UEMF Labels

### Eco campus

1- The UEMF campus is an Eco-Campus that meets the highest international standards in terms of sustainable development. It was certified by COP 22 and recently obtained the French-speaking label for responsible innovation.



2-the buildings of the UEMF Eco-campus are built according to the “High Environmental Quality” approach limiting any harmful environmental impact through precise choices: low energy local materials, materials ensuring good thermal and sound insulation, open architecture ensuring maximum natural light and brightness, clean and renewable energy sources: installation of photovoltaic panels on large areas of the roofs of the buildings for the production of electrical energy with real-time measurement of the recovered energy, installation of thermal solar panels for the production of hot water, installation in progress of pipes and basins for the recovery of rainwater, recirculation of gray water (in progress), construction / rehabilitation of positive energy buildings, installation throughout the Eco-campus of sorting bins for waste, creation of sports, leisure and relaxation areas, use of a circular economy (minimizing waste by optimizing value generated by resources), installation on the UEMF Eco-campus of charging stations for electric cars. These stations are the only ones in the Fez-Meknes region and the only ones on a university campus in Morocco. Advertising panels have been placed in several places in the city of Fez inviting motorists to come and recharge the batteries of their electric cars for free on the UEMF Ecocampus, total accessibility and in all University buildings for people with reduced mobility (PRM), installation on all floors, in front of all doors, in stairways and in elevators of braille signs for the blind and visually impaired, installation on all floors and in all buildings of sanitary facilities (toilets) for people with reduced mobility.

<https://snrtnews.com/fr/article/euromed-de-f%C3%A8s-dispose-d%E2%80%99un-label-par-la-cop22>

<https://ueuromed.org/actualites/annonces-diverses/luemf-obtient-le-label-de-linnovation-responsable-lors-de-sa-premiere>

### The Green Gown Award

- UEMF is a finalist for the Green Gown Award for its exemplary sustainable development initiatives.



The Green Gown Award is an award that recognizes outstanding sustainability initiatives undertaken by universities and colleges worldwide. It is organized in partnership with the United Nations Environment Programme (UNEP) and supported by the AUF, the Association of Commonwealth Universities (ACU), and the International Association of Universities (IAU).

This year, 56 finalists were selected, representing 19 countries around the world. Among them are five member institutions of the Agence Universitaire de la Francophonie:

**In Canada:**HEC Montreal

**In France :**Mines-Telecom North Europe Institute

**In Morocco:**Euromed University of Fez (UEMF)

**In Mexico:**National Autonomous University of Mexico and University of Veracruzana

<https://www.ueuromed.org/actualites/annonces-diverses/luemf-finaliste-au-prix-green-gown-award-pour-ses-initiatives>

## UEMF Winner of the "RESPONSIBLE CAMPUS of the YEAR" Award



Euromed University of Fez was named winner of the "RESPONSIBLE CAMPUS of the YEAR" Award, during the ceremony organized in Paris, on Tuesday, October 4, 2022, under the effective presidency of the Minister of Higher Education and Research of the French Government.

The "Responsible Establishment of the Year" category recognizes UEMF's commitment to the SDGs and its lasting impact in becoming a responsible organization with regard to the challenges of the transition in four main areas:

Leadership and governance;

Real estate and operations;

Learning, teaching and research;

Partnership and commitment.

<https://www.ueuromed.org/actualites/annonces-diverses/luemf-laureate-du-prix-campus-responsable-de-lannee>

## UEMF Activities

### Club We Green

<https://www.ueuromed.org/clubs/we-green>

The club's mission is to promote respect for the environment through educational and awareness-raising activities. The club creates initiatives to implement programs that encourage reflection on environmental issues, the creation of ecological habits within the community and the region, and the integration of environmental issues into daily life. The club incorporates the following themes into its action plan:

- Production and recycling of waste
- Creation of ecological urban spaces
- Energy optimization
- Raising awareness about the use of renewable energies



## Hackathon

Hackathon organized by students (EBS and EMADU) in partnership with the Koutoubia group on the theme of the revaluation of production waste. This hackathon aims to introduce students to the issues of sustainable development and the circular economy and to bring out initiatives for the revaluation of waste from the poultry production system

<https://www.ueuromed.org/actualites/ateliers-workshops/lebs-et-lemadu-composantes-de-luempf-ont-organise-en-partenariat-avec>

**[Hackaton] The Euromed Sustainable Impact Challenge: by Euromed Business School and Royal Air Maroc**



The EUROMED UNIVERSITY OF FEZ and its partner, ROYAL AIR MAROC (RAM), are co-organizing the Euromed Sustainable Impact Challenge, a Hackathon whose objective is to engage participants in the CSR approach with reference to the ROYAL AIR MAROC value chain. This 2nd edition takes place at the UEMF eco-campus where students from EBS (Euromed Business School), EMADU (Euromed School of Architecture, Design and Urban Planning) and EIDIA (School of Digital Engineering and Artificial Intelligence) are exploring the theme by contributing ideas for projects that are both innovative and responsible.

13 teams are supervised by RAM specialists, by Mr. Ayoub Makhoulfi, founder and president of "The Mediterranean Intelligence and Public Affairs Institute (MIPAI)" as well as professors from the Euromed University of Fez in the fields of business and management as well as in architecture and artificial intelligence to respond to this problem with effectiveness and efficiency. Workshops rich in information and learning are led throughout the Hackathon in order to reflect on and propose an internal communication plan based on the game to facilitate employee awareness of CSR issues.

More than just an opportunity to democratize the theme of CSR, the values of RAM and UEMF in this sense among the various stakeholders, this Hackathon is a unique opportunity, of educational interest, allowing students to present their ideas in front of a panel of high-level experts.

[\[Hackaton\] The Euromed Sustainable Impact Challenge: 2nd edition by Euromed Business School and Royal Air Maroc | UEMF \(ueuromed.org\)](https://www.ueuromed.org/actualites/ateliers-workshops/lebs-et-lemadu-composantes-de-luempf-ont-organise-en-partenariat-avec)

**#LearningPlanet Festival**



On Wednesday, January 26, 2022, a hybrid conference was organized on the Eco-Campus of the Euromed University of Fez and online, dealing with the Sustainable Development Goals (SDGs) and climate change.

On the program of this hybrid conference:

- Welcome address (President of the University)
- How does the UEMF contribute to the SDGs? Mr. Bennouna (Vice-President) and Mr. Ouazzani Chahdi
- SDGs in training at UEMF – Case of the Euromed Business School (EBS): Messrs. Sebti, Rhalimi and Marhraoui
- EBS Student Activities:
  - Sharing experience on the “En-Road” simulation around climate change: 2nd year students
  - Presentation of the “Green My Eco-campus” projects of Master 1 students
- Designation of the 3 best projects
- Fence

<https://festival.learning-planet.org/fr/event/green-my-eco-campus/>

**As part of the UNESCO World Conference on Higher Education 2022, our Professor Maha Gmira participated as a panelist on the application of AI in higher education on May 20 in Barcelona.**

Objectives of participation:

- Recognize how AI can impact higher education and the challenges this poses for HEIs.
- Understanding the role of HEIs in promoting and developing AI towards the achievement of the SDGs.
- Strengthen international cooperation and partnership to promote equitable, inclusive and transparent use of #AI in higher education.



**Sustainable European investment in Morocco: the subject of the round table held at the Spanish Chamber of Commerce at the initiative of RIEMAS December 16, 2022**



The Research Institute for European, Mediterranean and African Studies (RIEMAS) of the Euromed University of Fez, in partnership with the Delegation of the European Union (EU) in Morocco, the Spanish Chamber of Commerce and Industry, and Eurocham Morocco, organized a round table on the theme of European sustainable investment in Morocco. Thanks to the opinions of experts, research professors from the Euromed Business School, and economic stakeholders participating in this round table, rich discussions were discussed, including the contribution of investments in the energy sector and the opportunities offered by the adoption of the investment charter and the Green Partnership concluded between the EU and the Kingdom of Morocco.



<https://ueuromed.org/actualites/annonces-diverses/linvestissement-durable-europeen-au-maroc-sujet-de-la-table-ronde>

<https://www.youtube.com/watch?v=bRJ6XWHAZk>

### We Green Action from December 6 to 14, 2022



The We Green club made a strong comeback thanks to several awareness-raising activities on December 6 and 14.

The club also assembled a Christmas tree made from recycled materials, an opportunity to promote the importance of environmental awareness.

### Other events

- Project in collaboration with the region: Green accounting / Pilot project on waste and water in the Fez-Meknes region
- From waste to nano-structured materials, bio-sourced polysaccharides and metal ions

## 2024: Euromed University of Fez at the heart of action for the SDGs

### Launch of the first Bootcamp of the Tech4Farmers program at the Euromed University of Fez



Taking place over three days, from June 10 to 12, this event marks an important milestone for AgriTech innovators supported by the French Development Agency (AFD) as part of the “Tamkin LiTanmia” project, in collaboration with the Regional AgriTech Innovation and Entrepreneurship Hub.

Participants include a selection of promising companies representing the future of AgriTech, such as DeepLeaf, Jafife, ARWA Solutions, Yadag, Jodoor, Lombrisol, Agrinotech, Agri-bOT, MadjiX, and EJ Solutions. Other startups are expected, promising to make this bootcamp even richer in innovation and potential synergies. Each company brings its unique expertise and vision to transform the agricultural sector and contribute to a sustainable future for the Fez-Meknes region.

The opening day was dedicated to welcoming participants, presenting the program and partners, followed by an introduction to Design Thinking and problem framing. Participants had the opportunity to interact with experts, discover development opportunities for their technological solutions, visit the University’s prototyping infrastructure, and work on the proto-personas of AgriTech in Morocco.

The second day focused on developing the full-life cycle of projects, rapid prototyping, and user interview scenarios. Participants also explored the funding, expertise, and networking opportunities offered by the program.

The third and final day focused on corporate partnerships, with feedback from AgriTech companies and working groups to identify potential partners and synergies between startups. The bootcamp concluded with individual coaching sessions. This program represents a unique opportunity for startups to revolutionize the agricultural sector through innovative solutions, while contributing to the sustainable development of the Fez-Meknes region.

<https://ueuromed.org/actualites/annonces-diverses/lancement-du-premier-bootcamp-du-programme-tech4farmers-luniversite>

**Wahid BENKHADDA wins the Best Oral Communication Award at the ISMESH 2024 International Symposium**



We are proud to announce that Mr. Wahid BENKHADDA, a fourth-year doctoral student, won the prestigious award for best oral presentation at the ISMESH 2024 International Symposium. This distinction was awarded to him for his outstanding presentation during the event, which was held on May 7 and 8 at the Ecole Supérieure de Technologie in Fez.

Mr. BENKHADDA's participation in this symposium was part of his thesis project in the field of materials and environmental chemistry, in which he raised the issue of olive margins; a widespread problem at the regional, national level but also throughout the Mediterranean basin region.

We extend our sincere congratulations to Mr. Wahid BENKHADDA for this well-deserved recognition, which underlines the commitment of UEMF and its community to academic excellence and innovative research.

<https://ueuromed.org/actualites/cedoc/wahid-benkhadde-remporte-le-prix-de-la-meilleure-communication-orale-au-symposium>

**Doctoral Thesis Defense in "Additive Manufacturing and Materials Science" by Mr. Patrick MUNYENSANGA**



This thesis explores the widespread use of metallic implants in medical and orthopedic surgery, which is faced with limitations such as implant degradation and long-term bonding incompatibilities. To address these limitations, the thesis proposes to improve the interfacial surface of implants, promote faster bone regeneration and better bioactivity, as well as improve biocorrosion resistance. A lightweight and porous metallic implant coated with bioactive glass was developed to stimulate osteogenic cell proliferation, promote bone ingrowth, and overcome structural bonding incompatibilities. The bioactive glass demonstrates the ability to impregnate antibacterial and therapeutic agents essential for osseointegration with the host organism. The results confirmed the formation of a bone-like layer on the implant surface, as well as improved biocorrosion resistance. This surface modification approach shows significant potential for improving the durability of orthopedic implants.

<https://ueuromed.org/actualites/cedoc/soutenance-de-these-de-doctorat-en-additive-manufacturing-and-materials-science>

## Doctoral thesis defense in Artificial Intelligence by Mr. Abebaw Degu



This thesis explores the use of reinforcement learning (RL) to improve shop floor scheduling in smart manufacturing. Due to the complexity and dynamic nature of modern production environments, traditional scheduling techniques are not sufficient. The thesis proposes a Deep Reinforcement Learning (DRL) model to minimize production duration and a Triple Deep Q Network (TDQN) model for flexible scheduling, taking into account machine breakdowns and other dynamic events. The results show that these approaches improve the efficiency, accuracy, and stability of shop floor scheduling, thus increasing the competitiveness of manufacturers in smart manufacturing.

<https://ueuromed.org/actualites/cedoc/soutenance-de-these-de-doctorat-en-intelligence-artificielle-par-m-abebaw-degu>

**THE Impact Ranking: 1st at the regional level and 2nd at the national level in the category SDG 12: Responsible Consumption and Production**

Rank	Name	Responsible consumption and production	Overall
401 – 600	<u>Abdelmalek Essaâdi University</u> Morocco	41.1–57.4	58.8–64.4
401 – 600	Euromed University of Fez Morocco	41.1–57.4	64.5–69.8
401 – 600	Ibn Tofaïl University Morocco	41.1–57.4	69.9–75.7



## Strengthening collaborations for sustainable agriculture



Euromed University of Fez hosted an American delegation as part of the LeadAR program, a University of Arkansas project focused on training leaders in agriculture and sustainable economics. The visit, led by industry professionals and researchers, was welcomed by Prof. Salim Bounou, Vice President for Research and Partnerships, and provided an opportunity to explore synergies for sustainable agricultural development in Morocco.

Through this meeting, the UEMF reaffirms its commitment to innovative solutions for a greener and more responsible future.

[https://www.linkedin.com/posts/universit-euro-m-diterran-enne-de-f-s\\_sustainability-uemf-myuemf-activity-7248975557097402368-r0lb?utm\\_source=share&utm\\_medium=member\\_desktop](https://www.linkedin.com/posts/universit-euro-m-diterran-enne-de-f-s_sustainability-uemf-myuemf-activity-7248975557097402368-r0lb?utm_source=share&utm_medium=member_desktop)

## Roundtable: The Empirical Realist School of Law at the Intersection of Law and CSR



The Euromed Institute of Legal and Political Sciences organized a roundtable discussion on March 11, 2024, on “The Empirical Realist School of Law at the Intersection of Law and CSR,” moderated by Dr. Duma Martin (Laval University) and moderated by Prof. Hasna Slamti (Euromed University of Fez). The event explored the empirical realist approach to examining labor law and protective law, emphasizing the importance of collecting empirical data to answer legal questions. The discussions presented four models of corporate social responsibility (CSR)—accompaniment, engagement, elucidation, and opposition—that illustrate the interactions between state law, efficiency, and effectiveness. The roundtable also introduced students to the concept of “consumocratic law,” where consumers exert influence over companies through societal marketing.

<https://ueuromed.org/actualites/cycle-de-conferences/table-ronde-lecole-realiste-empirique-du-droit-lintersection-du>



## UEMF and AFD launch the “Tech4Farmers” program



Launch of the Tech4Farmers call for applications, a support program specially designed for project leaders in the innovative agricultural technologies (AgriTech) sector.

During a launch conference that brought together key players in the agricultural sector of the Fez-Meknes region this Thursday, March 7, at the Euromed University of Fez (UEMF), the University and the French Development Agency (AFD) officially launched the Tech4Farmers program, whose objective is to support the development and marketing of AgriTech solutions that meet the needs of national agriculture and that of the Fez-Meknes region, in particular.

The Tech4Farmers program is part of an ambitious project to build a Regional Hub for Innovation and Entrepreneurship in Agriculture and Agri-Food in the Fez-Meknes region. This project is led by UEMF and AFD in partnership with the Ministry of Agriculture, Maritime Fisheries, Rural Development, and Water and Forests, the Digital Agriculture Hub, and a consortium of partners including government agencies, sectoral federations, universities, and research centers.

<https://ueuromed.org/actualites/annonces-diverses/luemf-et-lafd-lancent-le-programme-tech4farmers>

## UEMF celebrates International Mountain Day differently



On March 1, 2024, the Euromed University of Fez organized an international conference entitled "Restoring mountain ecosystems: the case of the Fez-Meknes region," in collaboration with several partners, including the Institute of Legal and Political Sciences (ISJP) and the African Network for Sustainable Development (RA2D). The event, organized in conjunction with International Mountain Day, addressed the challenges of restoring mountain ecosystems, in line with the initiative of the United Nations Decade on Ecosystem Restoration (2021-2030).

Over two days, the conference brought together experts, researchers, and field stakeholders to discuss ecological issues and sustainable development in the mountains through panels focused on the social, economic, and political challenges of this theme. The second day took place in the municipality of Tazouta, with practical activities such as hiking, awareness-raising workshops, and local product exhibitions. This edition highlighted the importance of preserving mountain ecosystems while involving local populations and strengthening the solidarity economy.

<https://ueuromed.org/actualites/congres-et-colloques/luemf-celebre-la-journee-internationale-de-la-montagne-autrement>

### Third steering committee meeting of the Regional Agritech Innovation and Entrepreneurship Hub



On February 21, 2024, the Euromed University of Fez hosted the third steering committee of the "Regional Hub for Innovation and Entrepreneurship in Agritech" project, as part of the "Tamkin Li Tanmia" program, funded by the French Development Agency (AFD). This event brought together various partners, including the AFD, the Digital Agriculture Hub, the IAV Institute, and other regional stakeholders, to take stock of the progress of the Agritech project.

The meeting provided an opportunity to share perspectives on progress made and discuss next steps, followed by the signing of a partnership agreement. The support program for innovative projects was presented, and an inaugural conference of the call for projects is planned for March 7, 2024, at the UEMF, focusing on agricultural issues in the Fez-Meknes region.

This event strengthened collaboration and innovation in the AgriTech sector, contributing to the creation of a strong ecosystem for agricultural entrepreneurship in Morocco.

<https://ueuromed.org/actualites/annonces-diverses/tenue-du-troisieme-comite-de-pilotage-du-pole-regional-dinnovation-et>

## Signing of an agreement to launch the Pan-African Chair in Sustainability & Impact Finance



The Euromed University of Fez signed an agreement with the Bank of Africa group and six other partners to launch a chair entitled Pan-African Chair in Sustainability and Impact Finance on December 19. The chair aims to promote and support scientific research and training as well as the transfer of skills and expertise in sustainability and impact finance to various stakeholders. It is a joint initiative involving several universities and institutes such as the ISCAE Group, the Faculty of Legal, Economic and Social Sciences of Casablanca, the Hassania School of Public Works, Cadi Ayyad University and the Higher School of Education and Training of the University of Agadir, with the aim of improving the competitiveness of businesses, increasing the attractiveness of the country in terms of responsible investment and contributing to the interest of the community..

<https://ueuromed.org/actualites/annonces-diverses/signature-de-convention-en-vue-de-lancer-la-chaire-panafricaine-en>



## Launch of an Executive MBA with a dual international degree by EPS and the Health Center



**CIMES** Collège pour l'Innovation, le Management, et l'Économie du Savoir

**UEMF** EUROMED POLYTECHNIC SCHOOL PÔLE SANTÉ

**EXECUTIVE MBA**

Formation en Management des Organismes et Structures de Santé

# SUPPLY CHAIN MANAGEMENT DE LA SANTÉ

Acquérir une compréhension profonde des concepts clés de la gestion de la chaîne d'approvisionnement globale et de son rôle de premier plan au niveau de l'écosystème de la santé, de la société et de l'environnement.

Formation diplômante  
4 modules indépendants + Projet Professionnel (PP)  
Modules capitalisables sur une période de 3 ans maximum pour l'obtention de l'Advanced Master

[www.cimes.ma/s-inscrire/](http://www.cimes.ma/s-inscrire/)

The "HEALTHCARE SUPPLY CHAIN MANAGEMENT" program trains healthcare supply chain professionals, addressing the specific needs of the sector through a modular and flexible approach. The objective is to strengthen managerial and operational skills by integrating key supply chain management concepts, developing expertise tailored to the medical, pharmaceutical, and biotechnology sectors, and facilitating the practical application of acquired knowledge. The program also emphasizes managing stakeholder interests, applying relevant KPIs, and adopting a holistic view of the value chain.

<https://ueuromed.org/actualites/annonces-diverses/lancement-dun-executive-mba-en-double-diplomation-internationale-par>

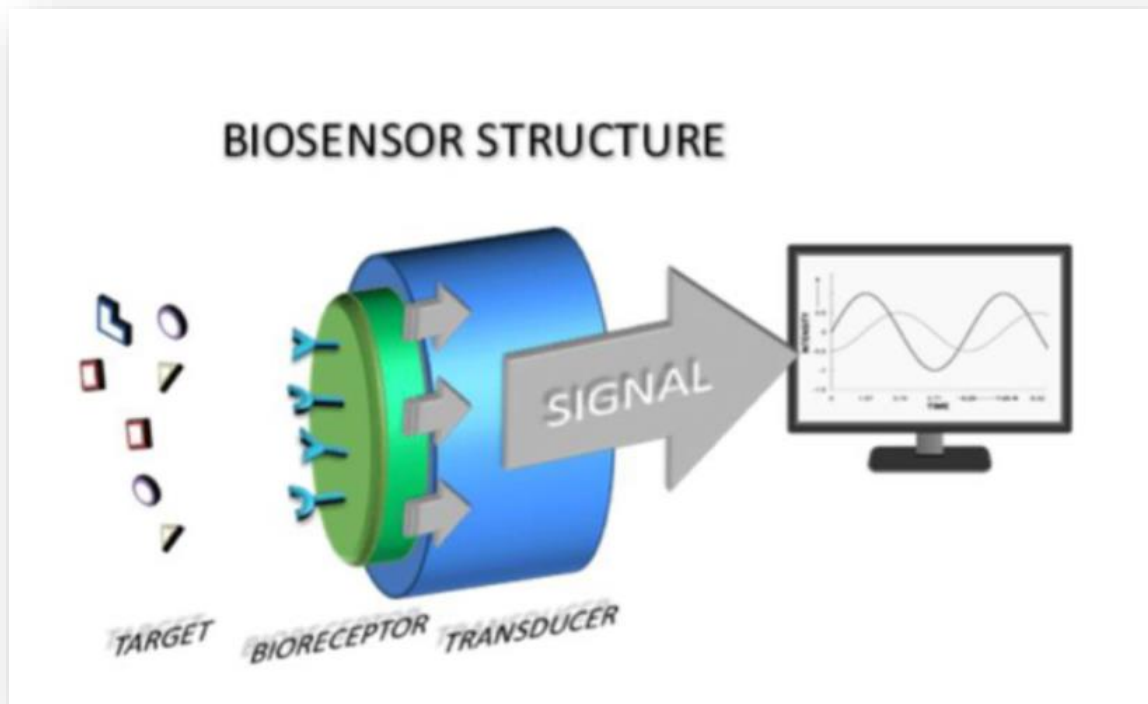
## 2025: Euromed University of Fez intensifies its commitment to the SDGs

### Resounding Success of the Second Tech4Farmers Bootcamp at UEMF



From September 24th to 26th, the Euromed University of Fez hosted the second Bootcamp of the Tech4Farmers incubation program for Moroccan agritech startups. Organized in partnership with the AFD and PRIE, this event aimed to sustainably transform the agricultural sector through innovative solutions. Over three days, entrepreneurs participated in feedback sessions, value creation workshops, masterclasses on social and environmental impact, and benefited from expertise to structure their business plans. This Bootcamp strengthened their role as stakeholders in agricultural innovation and their commitment to an economic and sustainable future for Morocco.

<https://ueuromed.org/actualites/annonces-diverses/succes-retentissant-du-deuxieme-bootcamp-tech4farmers-luemf>



“Design, Modeling and Realization of Optofluidic Sensors Based on Surface Plasmon Resonance for Precision Sensing.”

This thesis focuses on the development of high-performance optofluidic biosensors based on the surface plasmon resonance (SPR) phenomenon. A novel golden ratio approach was proposed to optimize the geometric properties of a gold-silver bimetallic configuration, achieving rapid optimization with enhanced sensitivity and resolution.

Additionally, a dual-mode plasmonic configuration combining guided modes in a dielectric waveguide and plasmonic modes on a gold film was studied. This configuration generates a detection mode (PIT) with high performance and a reference mode (TM1) to improve measurement reliability by minimizing false positives.

Finally, a new approach for microfluidic system manufacturing using stereolithography additive manufacturing was developed, integrating real-time temperature control. This method improved the mechanical and structural properties of microfluidic chips, making them highly suitable for biosensing applications, as confirmed by microscopic analyzes and mechanical tests.

<https://www.ueuromed.org/actualites/cedoc/soutenance-de-these-de-doctorat-en-materials-science-and-modeling-par-mme-nidal-el>

## Launch of Fez Smart Factory activities at UEMF



On January 16, 2025, the Euromed University of Fez (UEMF) launched the Fez Smart Factory, the first Moroccan ecosystem dedicated to Industry 4.0. This ambitious project, supported by a broad public-private and international partnership, aims to transform Moroccan industry by integrating advanced technologies such as artificial intelligence, robotics, and 3D printing.

Located on 6.6 hectares within the UEMF eco-campus, the platform includes an incubator, an R&D center, a business center, and a Pilot School Factory 4.0, currently under construction, which will offer nearly one million hours of training. This project, funded in particular by FONZID and the MCC, embodies a new industrial dynamic based on innovation, training, cooperation, and sustainability.

<https://www.ueuromed.org/actualites/ceremonie/lancement-des-activites-de-fez-smart-factory-luemf>



## Regional Forum on Health Tourism: Promoting the Thermal Resources of Fez-Meknes



From April 10 to 12, 2025, the Euro-Mediterranean University of Fez (UEMF) organized the first edition of the Regional Forum on Health Tourism, focusing on the theme "Thermal Waters of the Fez-Meknes Region: Health and Tourism." This event brought together experts, researchers, as well as public and private stakeholders to discuss the sustainable development of the region through wellness and thermal tourism.

[Club Activities Report: Vice-Presidency in charge of Cultural Affairs and University Life](#)

## Environmental Project and International Exchange – Rotaract Club



The Rotaract Club of UEMF, in partnership with the Rotaract Club USME of India, carried out a project combining environmental commitment and international exchange.

Members collected waste in the Ain Chqef forest, collecting a total of fifteen 100-liter bags, thus contributing to the preservation of the environment.

[Club Activities Report: Vice-Presidency in charge of Cultural Affairs and University Life](#)

**THE Impact Ranking 2025: 1st at the regional level and 2nd at the national level in the category SDG 12: Responsible Consumption and Production**

Rank ▲	Name ▼	Responsible consumption and production ▼	Overall ▼
401– 600	Abdelmalek Essaâdi University Morocco	47.5–60.7	60.9– 65.5
401– 600	Euromed University of Fez Morocco	47.5–60.7	65.6– 70.2
401– 600	Ibn Tofaïl University Morocco	47.5–60.7	70.3– 76.1
401– 600	International University of Rabat Morocco	47.5–60.7	70.3– 76.1
601– 800	Mohammed V University of Rabat Morocco	32.8–47.4	60.9– 65.5
601– 800	Université Hassan II de Casablanca Morocco	32.8–47.4	60.9– 65.5