



الجامعة الأورومتوسطية بفاس
EUROMED UNIVERSITY OF FES
UNIVERSITÉ EUROMED DE FÈS

SDG7 REPORT

AFFORDABLE AND CLEAN ENERGY

2026



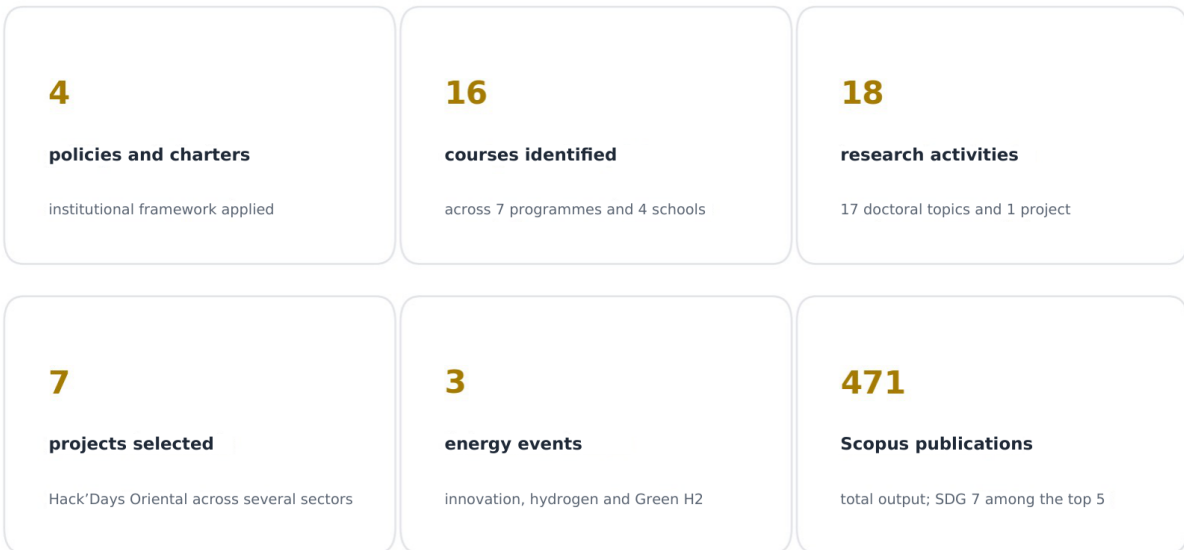
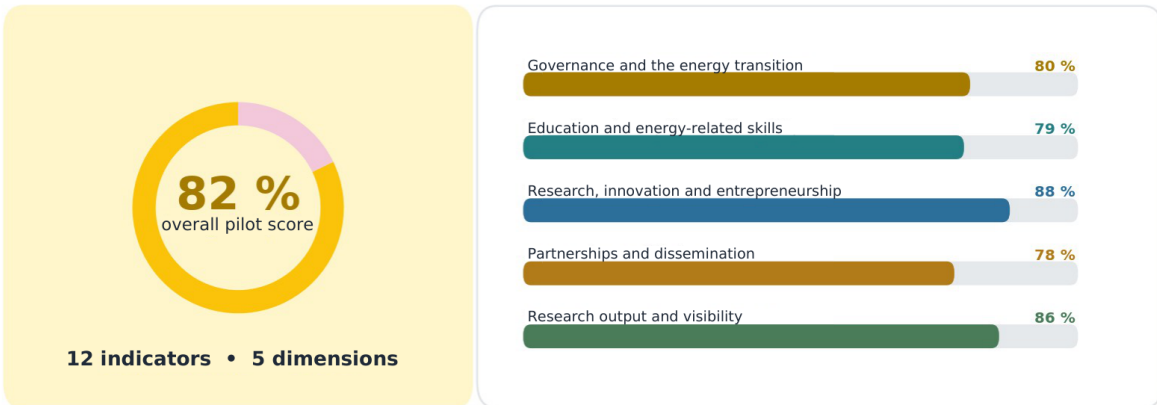


Monitoring of UEMF's commitments to SDG 7



SDG 7 UEMF 2026 in figures

Affordable and clean energy Governance, education and innovation



Targets proposed based on observations. The internal index is neither a THE score nor a measure of campus energy performance.



Governance of the energy transition

From documented commitments to outcomes to be measured

4

core policy documents

climate, energy, procurement and digital technology

5

areas covered

efficiency, renewables, carbon, procurement and sufficiency

7

categories of action

measures provided for in the climate policy

4

external organisations

innovation, hydrogen and funding

Recognition and outreach

THE Impact 2026: 301-400 out of 892 • UI GreenMetric 2025: 1st in Morocco

These rankings are external reference points and are excluded from the internal overall score.

Commitments are distinguished from actual measured consumption, renewable energy production and savings.



Education, research and energy innovation

From skills to low-carbon solutions

16

courses explicitly identified

renewables, grids, thermal engineering and buildings

18

SDG 7 research activities

17 doctoral topics and 1 research project

Energy innovation and entrepreneurship

Green hydrogen • storage • smart grids • solar energy • efficiency

Hack'Days Oriental selected seven projects, including a cleantech and hybrid energy theme.

3 energy events • 4 external organisations • 2 hydrogen experts

Cluster Green H2 Maroc strengthens the ecosystem's institutional foundations.

The curriculum mapping groups repeated sessions; institutions must confirm the content actually taught.

2026: The Euromed University of Fez consolidates its impact in support of the SDGs

Introduction :

The Euromed University of Fez is fully committed to the national and international energy transition, making sustainable energy a cornerstone of its academic and institutional model. Through its eco-campus, training programs, applied research projects, and scientific and industrial partnerships, UEMF contributes to the development and dissemination of clean and innovative energy solutions. By raising awareness among its university community and supporting innovation in renewable energy, the University actively participates in building a more sustainable, inclusive, and resilient energy future.

This report is structured to highlight the University's key contributions to this Sustainable Development Goal. It presents the institutional policies implemented, the educational offerings (E-SDG), and research and innovation activities. The report also highlights the conferences and events organized, club activities and student life, as well as the awards and distinctions that illustrate the University's commitment and influence in this area.

UEMF Policies

The Euromed University of Fez is proactively committed to the energy transition, in line with Sustainable Development Goal 7. Aware of the challenges related to energy consumption and greenhouse gas emissions, the university is implementing policies to improve the energy efficiency of its infrastructure. A carbon neutrality and climate action policy is a central pillar of this strategy. Furthermore, measures are being implemented to encourage the rational use of energy and promote responsible behavior. The Euromed University of Fez also integrates sustainability criteria into its procurement and the management of its digital equipment. This comprehensive approach helps reduce the campus's energy footprint. In this way, the university actively contributes to the promotion of sustainable and accessible energy.

Carbon neutrality and climate action policy of the Euromed University of Fez (Version 2025)

1. Engagement institutionnel :

L'Université Euromed de Fès (UEMF) s'engage à atteindre la neutralité carbone à l'horizon 2030, conformément aux protocoles internationaux sur les gaz à effet de serre (*Greenhouse Gas Protocol*) et aux Objectifs de Développement Durable des Nations Unies (ODD 13 – Lutte contre les changements climatiques).

Cet engagement traduit la vision de l'UEMF en tant qu'université durable, inclusive et innovante, moteur de la transition énergétique et écologique au Maroc et dans la région euro-méditerranéenne.

2. Axes stratégiques d'action :

a. Gestion environnementale du campus



- Réduction progressive des émissions de CO₂ liées aux bâtiments, à la mobilité et aux opérations ;
- Production d'énergie renouvelable grâce à des installations photovoltaïques et thermiques solaires ;
- Mobilité électrique gratuite pour les déplacements internes (voitures et navettes électriques, bornes de recharge) ;
- Recyclage et valorisation des déchets plastiques et organiques, verdissement du campus ;
- Captation des eaux pluviales pour l'arrosage des jardins ;
- Traitement et recirculation des eaux grises pour des besoins d'arrosage ;
- Utilisation de matériaux moins énergivore et durable ;
- Conception architecturale prévoyant le maximum de lumière naturel ;

1

The UEMF is committed to promoting sustainable and responsible mobility within its university community. This policy aims to facilitate access to the campus while reducing the environmental impact of travel. It encourages the use of public transport, carpooling, and active travel modes such as cycling and walking. The University is implementing appropriate infrastructure and partnerships with local stakeholders to guarantee accessible, safe, and environmentally friendly mobility.



UEMF Energy Efficiency Policy (2023-2026)



Politique d'efficacité énergétique de l'UEMF

2023-2026



Introduction

L'UEMF affiche sa volonté de contribuer efficacement aux objectifs 2030 du Maroc et a l'ambition de tendre vers la carbo-neutralité en :

- Contribuant à la stratégie nationale d'efficacité énergétique et à ses orientations, selon la loi 47-09 (ODD 7).
- Réduisant massivement à la source ses émissions de gaz à effet de serre (GES) et en les compensant à l'aide de crédits de carbone.

Au sens de cette loi, l'efficacité énergétique s'entend comme :

« Toute action agissant positivement sur la consommation de l'énergie, quelle que soit l'activité du secteur considéré, tendant à :

- la gestion optimale des ressources énergétiques ;
- la maîtrise de la demande d'énergie ;
- l'augmentation de la compétitivité de l'activité économique ;
- la maîtrise des choix technologiques d'avenir économique viable ;
- l'utilisation rationnelle de l'énergie.

Objectif de la politique de gestion énergétique de l'UEMF

- Développer les processus de la gestion énergétique ;
- Établir des règles de gestion optimale de l'énergie ;

UEMF is committed to optimizing its energy consumption and promoting the use of renewable energy. This policy aims to reduce the University's carbon footprint while ensuring the efficiency of its infrastructure.



UEMF Responsible Procurement Policy (Version 2025)



Politique des achats responsables de l'UEMF Version 2025



La Direction Achats et Logistique a pour principal objectif de satisfaire les besoins des clients internes, en obtenant la meilleure performance des fournisseurs (Qualité / Coût / Délais / Services) dans le respect des ODD, de la réglementation en vigueur et en lien avec la stratégie générale de l'UEMF.

Mission de la fonction achat et logistique

De manière générale, la fonction achat et logistique a pour mission de :

- Conduire une veille marché régulière (ODD 8).
- Recueillir les besoins des clients internes tout en évitant la surconsommation en fin d'exercice (ODD 12).
- Décrire la procédure achats responsable et la diffuser en interne (ODD 4).
- Lancer les consultations, mener le sourcing et le choix des fournisseurs (ODD 12).
- Soutenir les acteurs économiques du territoire, associations à but non lucratif et entreprises sociales (ODD 8).
- Négocier les tarifs et les conditions d'achat (ODD 12).
- Passer les commandes (ODD 12).
- Assurer l'ensemble des opérations logistiques (ODD 12).
- Promouvoir des véhicules électriques et hybrides pour le transport interne des personnes/marchandises (ODD 11).
- Veiller au respect des règles, procédures et lois en vigueur (ODD 16).
- Veiller au respect des normes et déontologies du métier : équité, transparence, égalité des chances et absence de conflits d'intérêt (ODD 16).
- Intégrer des critères relatifs au développement durable et respect des droits de l'homme dans les règles de notation des fournisseurs et marchés (ODD 12).
- Encourager la mutualisation des équipements, notamment d'impression (ODD 12).
- Rationnaliser les achats et sensibiliser les utilisateurs à une consommation responsable (ODD 12).
- Inscrire dans les clauses de passation des marchés le respect de l'environnement et la fin de vie des produits (ODD 12).
- Éviter autant que possible l'acquisition et l'utilisation de substances chimiques/toxiques, de matière plastique, d'articles jetables, d'appareils à piles et renforcer l'acquisition de luminaires à basse énergie (ODD 12, ODD 3).
- Promouvoir le recyclage et la valorisation des déchets (ODD 12).
- Donner la priorité dans ses achats aux :
 - Produits peu consommateurs d'énergie, d'eau, à coût de fonctionnement faible et à moindres frais de gestion des déchets (ODD 7, ODD 12).
 - Critères suivants : coût, qualité, disponibilité, conditions de livraison, service après-vente, respect de l'environnement et de la santé, bonne réputation du fournisseur (ODD 12).

With this policy, the UEMF is establishing a framework for ethical and sustainable procurement. It encourages the selection of suppliers who share values of transparency, social and environmental responsibility.



UEMF Responsible Digital Charter (Revised Version 2025)



Charte Numérique Responsable de l'UEMF (version révisée 2025)



Engagements :

- Sensibiliser, former et partager les bonnes pratiques du NR : Informer et éduquer la communauté universitaire sur l'importance du numérique responsable (ODD 4).
- Entrer dans une démarche de labellisation NR : S'inscrire dans des standards reconnus pour garantir une approche responsable du numérique.
- Déployer un plan de sécurisation des environnements numériques : Assurer la protection des données et des systèmes d'information contre les cybermenaces (ODD 16).
- Évaluer la robustesse des infrastructures : Effectuer des audits réguliers pour garantir la fiabilité des systèmes (ODD 9).
- Mesurer la durée de vie des équipements : Analyser et prolonger la vie des dispositifs pour réduire le gaspillage.
- Prioriser l'achat de matériel durable : Choisir des équipements conçus pour être durables et réparables (ODD 12).
- Intégrer des exigences environnementales dans les appels d'offre : Veiller à ce que les pratiques d'achat soient alignées avec les objectifs de durabilité.
- S'assurer auprès des fournisseurs du respect des règles de protection des données : Garantir que tous les partenaires respectent les normes de confidentialité (ODD 16).
- Mesurer la consommation et l'impact énergétique du SI : Analyser la performance énergétique des systèmes d'information pour réduire leur empreinte carbone (ODD 7).
- Éviter les consommations d'énergie non nécessaires : Mettre en œuvre des stratégies pour optimiser l'utilisation de l'énergie.
- Planifier l'archivage et le nettoyage des données : Mettre en place des pratiques de gestion des données pour éviter l'accumulation excessive (ODD 12).

Digital technology plays a central role at UEMF, but its use must be responsible. This charter defines best practices regarding digital tools, data security, and reducing environmental impact.



E-SDG

The training programs offered by the Euromed Polytechnic School (EPS) contribute to SDG 7 - Affordable and Clean Energy - through its Engineering degree in Energy and Environmental Process Engineering and its Master in Sustainable Energy, offered as a dual degree with the University of Surrey (United Kingdom). These programs emphasize renewable energies, energy optimization and efficiency, process control, and the transition to sustainable energy systems, preparing engineers and experts capable of developing innovative solutions to current energy and environmental challenges.



EUROMED POLYTECHNIC SCHOOL



CONDITIONS D'ADMISSION

POUR LES BACHELIERS : ACCES CYCLE PREPARATOIRE

L'accès à l'Euromed Polytechnic School est ouvert, sur étude de dossier et concours, aux candidats titulaires d'un baccalauréat en sciences mathématiques, en sciences physiques, en sciences de la vie et de la terre et aux baccalauréats technologiques ou tout autre diplôme reconnu équivalent.

POUR LES BAC+2 ET BAC+3

Par voie automatique

- Etudiants ayant validé les 2 années préparatoires intégrées des classes préparatoires scientifiques admissibles au Concours National Continu ou équivalent.

Par voie de concours et entree

- Etudiants ayant validé les deux années préparatoires intégrées des cycles d'ingénieur délivrés par ceux de l'Euromed Polytechnic School.
- Etudiants titulaires d'un master ou d'un diplôme de bac +2 en sciences, sciences et techniques ou en technologie.

CONDITIONS GÉNÉRALES D'ACCÈS :

- Etude de dossier (pré-sélection)
- Concours

2. CYCLE DE MASTER

- Master en logistique et supply chain engineering
- Master en génie environnemental et gestion de l'eau
- Master en accompagnement entrepreneurial et management technologique
- Master in Sustainable Energy (en double diplomation avec the University of Surrey - UK)
- Executive master en logistique et supply chain
- Executive MSc en supply chain management de la santé

DOUBLES DIPLÔMES & MOBILITÉ INTERNATIONALE

- Génie Mécanique, Productique et Thermique **Partenariat avec** 
- Génie des Télécommunications **Partenariat avec** 
- Génie Civil **Partenariat avec** 
- Acoustique et Instrumentation **Partenariat avec** 
- Master en Energies Durables **Partenariat avec** 
- Génie EEA, G. Civil, G. Mécanique **Partenariat avec** 
- Doctorat en Sciences en Ingénieur **Partenariat avec** 

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• Process engineer specializing in energy and the environment:

This program prepares engineers capable of transforming matter and energy into innovative, sustainable, and intelligent industrial solutions. It covers separation techniques, catalysis, polymers, and chemical process safety, combining mastery of transfers, process optimization, and the use of renewable energies to build the factory of the future. Graduates become Process Engineers, Environmental Experts, or R&D Engineers.

• Master in Sustainable Energy (double degree with the University of Surrey - UK)



Research, Innovation & Entrepreneurship

Research Topics - Doctoral Cycle

As part of the Euromed University of Fez's contribution to the SDGs, a selection of doctoral research topics related to SDG 7 has been identified. This work focuses in particular on renewable energies, green hydrogen, energy efficiency, storage, smart grids, energy materials, and low-carbon solutions.

The table below presents the main research topics contributing to this objective.

Thesis Subject	related SDGs
The Synthesis of New Nano-Objects (Quantum-Dots, Clusters and Metallic Nanoparticles), Their Confinement in Porous Matrices and/or Mesostructures, Their Stability and Their Application to Fine Chemistry Catalysis	SDG 7
Physico-Chemical Modeling of the Alkaline Water Electrolysis Process	SDG 7
Blockchain-Driven Transformation of the Green Hydrogen Supply Chain	SDG 7
Porous Materials for Catalysis	SDG 7
Smart Batteries	SDG 7
Synthesis & Characterization of New Ionic Conductive Based Phosphate for Li/Na-Ion Batteries	SDG 7
Modeling and Optimizing Building for Energy Efficiency Using the Digital Twin Concept	SDG 7
Modeling and Optimization of Green Hydrogen Production from Sea Water Electrolysis: A Systematic Approach to Maximizing Energy Efficiency and Minimizing Environmental Impact	SDG 7
Cooling the city - microclimatic strategies for thermal comfort and energy efficiency	SDG 7
Aerial robotics applied to energy sustainability: the case of automated solar panel cleaning	SDG 7
Sustainable architecture and energy efficiency: integrated approaches between architecture and geography in the Moroccan context	SDG 7
Recent Trends and Advancements in SOFC Technology: Achieving Low Operating Temperatures Through Material Innovations	SDG 7
From Light to Power: 2D Graphene Oxide (GO) Platforms for Efficient Solar-Thermal Water-Energy Conversion	SDG 7
Smart Integration of Electric and Hybrid Vehicles into the Power Grid	SDG 7
Optimum Design of Biomass Gasification Powered Hybrid RO-MED Desalination Plant	SDG 7
Energetic Valorization of Agricultural Residue Through Thermal Process	SDG 7

Thesis Subject	related SDGs
Next-Generation 2D MXene /LDH Layered Photothermal Systems for High-Efficiency Solar Evaporation and Sustainable Energy Production	SDG 7

Research projects2025-2026

Title	SDG RELATED
Design and Optimization of the Management of Decarbonized Industrial Zones in Morocco	SDG 7

SCIENTIFIC PRODUCTION

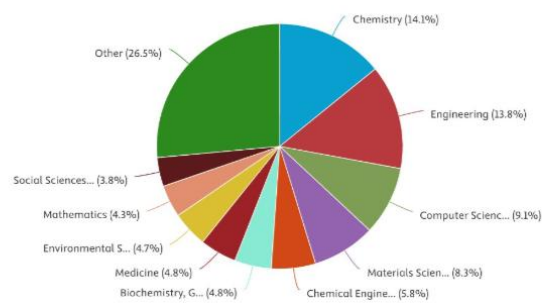
SCIENTIFIC PRODUCTION (SCOPUS)

2025 - May 11, 2026 → 471 papers

Top five SDG contribution



Documents by subject area



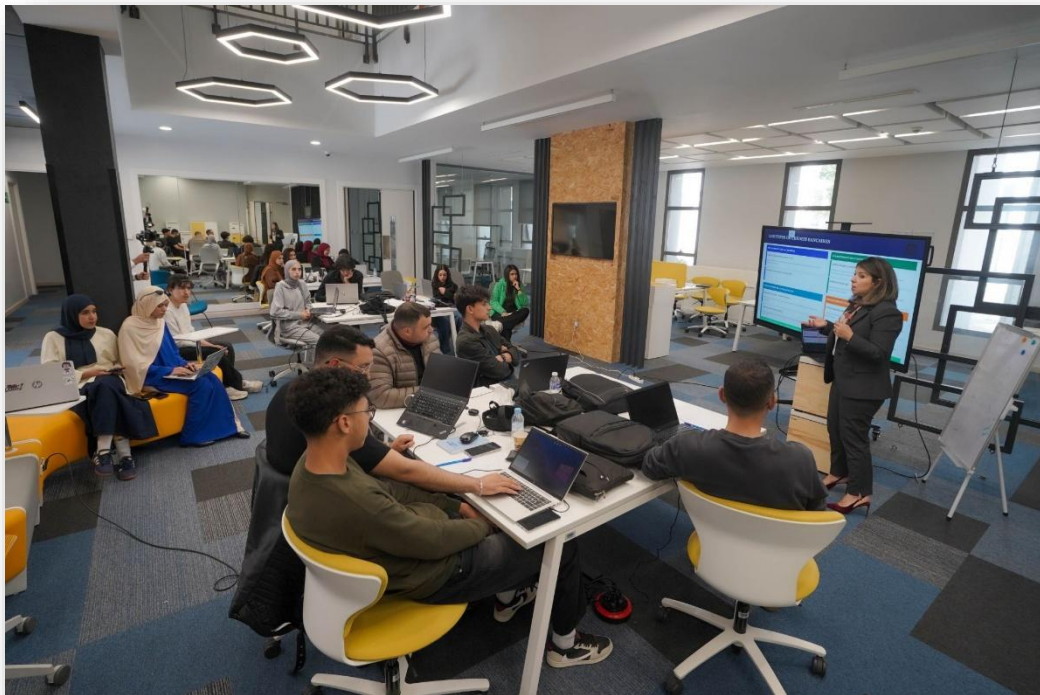
Excel file: Scientific-Production-References

2025 - May 7, 2026

Publication average ratio per professor = 5.1

- Publication average ratio per professor for Science & Technology = 8.3
- Publication average ratio per professor for Health Sciences = 5.3
- Publication average ratio per professor for Social and Human Sciences = 1.6

Hack'Days: two days of immersion in the heart of innovation and entrepreneurship at UEMF



Hack'Days: two days of immersion in the heart of innovation and entrepreneurship at UEMF. Euromed innovation center (EIC) organized, in partnership with TAMWILCOM via the InnovInvest Fund and BlueSpace (Bank of Africa), on April 16 and 17, the Hack'Days of the Fes-Meknes region, bringing together students, project leaders and young entrepreneurs around an intensive bootcamp dedicated to the creation and development of innovative solutions.

As part of a dynamic of supporting high-potential talent, this program aims to support the emergence of projects in strategic sectors such as digital, health, agritech, cybersecurity, greentech, fintech or edtech, thus contributing to the development of the regional entrepreneurial ecosystem.

Over the course of two days, participants were supported in structuring their ideas, designing concrete solutions and preparing their projects, in an environment conducive to experimentation, collaboration and collective intelligence.

A true space for learning and co-creation, this event allowed each team to develop their project, benefiting from constructive feedback, dedicated mentoring and guidance that fosters the maturation of entrepreneurial initiatives.

The Hack'Days concluded with pitch sessions, offering participants the opportunity to present their projects, compare their ideas and reveal their full potential, in a dynamic focused on innovation and impact.

We extend our sincere congratulations to all participants for their commitment, creativity, and entrepreneurial spirit. This initiative confirms the role of the UEMF, through the Euromed Innovation Center, as a key player in structuring and supporting innovation at the regional and national levels.



Hack'Days Oriental 2026: Entrepreneurial innovation at the service of regional dynamics.



Hack'Days Oriental 2026: Entrepreneurial innovation at the service of regional dynamics.

On May 7th and 8th, 2026, the Euromed innovation center (EIC) organized the regional Hack'Days Oriental bootcamp, organized as part of the Hack'Days by Region 2026 program, supported by Tamwilcom via the Innov Invest Fund, in partnership with Blue Space by Bank of Africa.

For two days, project leaders from the Oriental region participated in intensive support designed to transform innovative ideas into structured, viable projects ready to accelerate their development.

Seven projects were selected following the initial rounds to participate in this edition and benefit from mentorship provided by experts and key players in the entrepreneurial ecosystem. Participants worked on key aspects of their projects: strategic vision, business model, market positioning, validation of the value proposition, and growth prospects.

The projects developed covered several high-stakes sectors: • Cleantech & hybrid energy • EdTech & financial education • HealthTech & drug safety • FinTech & algorithmic trading • Applied AI & cybersecurity

Beyond technical support, this bootcamp primarily created a space for meetings, reflection and experimentation where participants could challenge their ideas, share their experiences and develop their projects by interacting with experts and other entrepreneurs.



Events

Academic events

The effects of climate change on water and biodiversity: a conference at the heart of contemporary environmental issues



As part of its commitment to disseminating knowledge and opening up to major contemporary issues, the Euromed University of Fez, in partnership with the Cervantes Institute, organised a conference dedicated to one of the major environmental challenges of our time: the impact of climate change on water resources and biodiversity.

Led by Carmen González Castro, Professor at the University of Vigo, this meeting, entitled "The effects of climate change on water and biodiversity: tools to mitigate it", offered a scientific perspective on the environmental transformations that are currently affecting ecosystems worldwide.

During her presentation, the speaker highlighted the growing consequences of climate change on water resources and natural balances, while also emphasizing the challenges related to preserving biodiversity. She further stressed the need for a better understanding of the interactions between these phenomena in order to anticipate their effects and strengthen adaptive capacities in the face of current environmental changes.

The conference also provided an opportunity to explore various tools and mitigation strategies that could contribute to better management of environmental challenges. Scientific approaches, sustainable strategies, and innovative solutions were presented as essential levers for preserving natural resources and supporting ecological transitions.

Beyond academic exchanges, this meeting provided a space for reflection and dialogue on issues concerning our collective future. It illustrates the shared commitment of the Euromed University of Fez and the Cervantes Institute to promoting cultural and scientific cooperation around major global challenges, while also fostering awareness and the transmission of knowledge to new generations.



Seminars, conferences & congresses

Seminar on Low-Carbon Hydrogen: with Professor Philippe Tanguy and Professor Nadia Yousfi



The Euromed University of Fez (UEMF), in partnership with the Hassan II Academy of Sciences and Techniques, organised a high-level seminar dedicated to emerging processes for the production of low-carbon hydrogen.

Led by Professor Philippe Tanguy, Director of Strategy for the HTEC Group and Associate Professor at Polytechnique Montréal, and Professor Nadia Yousfi, Corresponding Member of the Hassan II Academy of Sciences and Techniques, this seminar allowed for rich exchanges with students, researchers and teachers on the scientific, technological and economic challenges of low-carbon hydrogen.

This meeting highlighted the strategic role of hydrogen in Morocco's energy transition and confirmed the UEMF's commitment to research, innovation and sustainable development.



Partnership

The UEMF hosts the 6th^e Meeting of the Board of Directors of the Green H2 Morocco Cluster



On January 23, 2026, the Euromed University of Fez hosted the sixth meeting of the Board of Directors of the Green H2 Morocco Cluster, highlighting its leading role in research and innovation in strategic sectors related to the energy transition. Prior to the meeting, participants toured the university's facilities, including sports facilities, laboratories in civil engineering, mechanics, biotechnology, and chemistry, as well as the ideation incubator and the Fez Smart Factory, demonstrating UEMF's capabilities in research and technology transfer.

The meeting focused on analyzing the Cluster's financial and organizational situation, reviewing activities, future development, and strengthening governance, within a context favorable to green hydrogen. The event illustrates the UEMF's commitment to supporting innovation, institutional partnerships, and the development of future-oriented sectors in Morocco, particularly in renewable energies.



Awards and Distinctions

UEMF's performance in THE Impact Rankings 2026 – SDG 7



In the THE Impact Rankings 2026, the Euromed University of Fez (UEMF) was ranked in the 301–400 range out of 892 institutions for SDG 7: Affordable and Clean Energy. This recognition highlights its initiatives related to renewable energy, energy efficiency, technological research, and the transition to more sustainable energy models.



SUSTAINABLE DEVELOPMENT GOALS (SDG)



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