



الجامعة الأوروبية بفس
EUROMED UNIVERSITY OF FES
UNIVERSITÉ EUROMED DE FÈS

SDG11 Report

Sustainable cities and communities

2024



City of Fez: lasting heritage of Humanity	3
UEMF-community partnership	4
Sustainable cities training.....	4
Workshops & workshops.....	7
UEMF-European Union cooperation projects.....	9
Research Projects.....	10
UEMF activities	14
Other event	26
2024: Euromed University of Fez at the heart of action for the SDGs.....	27

SDG11 report : Sustainable cities and communities

City of Fez: lasting heritage of Humanity

The choice to locate Euromed University in the city of Fez is not accidental. The cultural and historical dimension of this city of more than twelve centuries, which hosts one of the oldest Universities in the world; Quaraouiyyne, embodies all the traditional values of human openness and cultural symbiosis of Morocco, based on mutual respect and influence of the differences of culture and civilization of the region.



Its medina, classified as a world heritage site by UNESCO since 1980, is first and foremost a living museum of art and culture, where several creative activities coexist harmoniously, representative of Moroccan craftsmanship in all its splendor. It is also a popular destination for tourists in search of spirituality and a major place of pilgrimage, particularly for African visitors, because of the symbolism of the place, a space of knowledge and religion, given to it by its medersas, its mosques and mausoleums.

But beyond this fundamental cultural and historical aspect, Fez also constitutes an essential economic hub in the Moroccan development strategy. The geostrategic position of Fez on the Moroccan highway network, linking Tangier to Agadir, from north to south, and Casablanca to Oujda, from west to east, constitutes a nodal point in Morocco's logistics plan and the construction of the Maghreb highway, which will link Nouakchott (Mauritania) to Tobruk (Libya).

Construction standards (UEMF Eco-Campus Note - Polyprogramme January 2014)

“The construction of the UEMF campus is firmly in line with the Union for the Mediterranean's exemplary policy in terms of sustainable development. The objective is the creation of an eco-campus. In this context, four priorities were set: • Integration into the site, • Water and energy management, • Durability and ease of maintenance, • Comfort and health.

The performance levels set also take into account the objectives of respecting costs and flexibility. We can understand the notion of eco-campus as a place of sustainable

development combining these three environmental, economic and social criteria. Thus, apart from the heritage policy in terms of environmental performance, the eco-campus aims to also develop social and economic orientations in accordance with sustainable development, namely: • The research subjects developed, • The transfer potential of technology to be distributed throughout the region and to create jobs locally, • Integration into surrounding neighborhoods (student life, shared equipment, jobs and services), • Diversity of populations, uses and activities.

For construction, the orientation is towards low-consumption or passive buildings while remaining within comfort standards, for example with bioclimatic buildings that are very energy efficient and integrate renewable energies. For outdoor spaces, particular attention is paid:

- Limiting waterproofing (parking lots, roads), infiltration and storage of rainwater and runoff on site (ditches, basins, draining roads).
- Plantations (woody, shrubby, lawn) whose needs for water, phytosanitary treatment and fertilization are limited.
- Lighting and ambiance. We are therefore approaching the criteria of the HQE approach, which makes it possible to define priorities in the environmental approach. »

Remote work

Unable to offer on-campus learning during periods of confinement, UEMF rushed to ensure academic continuity through distance learning. Digital platforms were installed and all courses were provided as well as administrative work. Restricted travel to the partially closed campus was permitted while taking all precautions recommended by medical authorities. Although the conferences were held, it is clear that laboratory work requiring equipment suffered despite the catch-ups.

Remote working is, however, permitted in limited cases (post-covid) pending regulations concerning it because it is not governed by Moroccan law. Some texts have adapted to this crisis context but remote working remains a mode of organization without its own legal framework.

UEMF-community partnership

The UEMF is a privileged partner of the Fès-Meknes regional council, the city of Fez and the Regional Investment Council.

The University is also a partner with several rural communities and supervises elected officials on sustainable development themes (training, student internships, impact studies, etc.)

Institutional agreements have been signed since the installation of the UEMF

<https://www.ueuromed.org/partenariats-institutionnels>

Sustainable cities training

This is one of the themes of importance for the UEMF to which training courses as well as research work are devoted.

Training

EMADU (Euro-Mediterranean School of Architecture, Design and Urban Planning)

EMADU is a co-creation between UEMF and the University of Florence with the involvement of the Polytechnic University of Madrid and the Ecole Nationale Supérieure des Arts Décoratifs (ENSAD Paris). Its mission is to train Architects, Designers, Urban Planners, Landscape Architects and specialists in Heritage conservation; particularly Euro-Mediterranean. The School provides innovative training combining the skills of architect and engineer to train profiles capable of better contributing to the design and organization of the living space of the citizen of the 21st century, in compliance with standards quality and environment.

Architecture & Urban Planning sector

The urban dynamics and the economic and socio-spatial changes that our region is experiencing require control of urban space for the creation of sustainable environments, largely open to modernity, economic globalization, progress and human development;

Real estate programs and construction projects are more numerous, more complex, more diversified and require qualified architectural project management in sufficient numbers;

The requirements of sustainable development and the consideration of environmental constraints require an upgrade of architectural techniques that respect the environment and ecology (new design of buildings, new techniques to reduce the energy needs of buildings, new materials,);

National programs for the rehabilitation of architectural heritage and the safeguarding of historical monuments in Morocco and other countries in the Euro-Mediterranean area require qualified specialists in sufficient numbers.

Master: Urban planning and its territories

Objective :

- Work for respect for heritage and the environment, for difference and cultural specificities and to develop in students awareness of the demands of society, individual and collective well-being;
- Promote professional expertise in the field of town planning;
- Disseminating knowledge and promoting the quality of urban production;

EMADU activities

Questions about the role of town planning in managing the Covid-19 pandemic

Covid-19 has depopulated the streets and repopulated homes. Cities, villages, douars and other towns; none of these human settlements are exceptions.

Euromed Polytechnic School (EPS)

EPS operates training courses aimed at highlighting the importance of sustainable mobility, well-designed supply chains, renewable energies and water through 4 master's courses and one in logistics:

- Bachelor in Logistics
- Master in Transport and Sustainable Mobility(see brochure for this program)
- Master in Green Building Design and Engineering(see brochure for this program)
- Master in Renewable Energy and Energy Efficiency
- Master in Environmental Engineering and Water Management
- Engineering cycle in Operations and Logistics Engineering
- Civil Engineering cyclewith, in the 5th year, a Transport and Urban Planning option

Executive Master in Transport Systems, Mobility and Territories

The study of mobility and transport systems is approached not only in a technical-economic context, but also through socio-political, cultural, institutional and environmental interactions.

The range of training modules offered aims to:

- Consolidate mastery of aspects related to transport modeling.
- Deepen your mastery of the economic aspects linked to transport.
- Understand the interaction between territory and transport.
- Integrate aspects linked to the environment and society.

Master Transport and sustainable mobility

This training aims to provide students with essential skills in transport and logistics in the face of the explosion in transport demand and the importance of the challenges linked to mobility and urban logistics.

Various themes are covered such as:

- Transport in the economy;
- Demand and costs (direct, indirect costs and negative externalities of transport);
- Organization of the offer;
- Transport-urban planning integration models (LUTI).

By teaching them to mobilize very varied areas of knowledge (engineering, economics, environmental sciences), the objective of this master's degree for our students is to allow them to situate the different aspects on which they will be required to work by taking taking into account the social, economic and environmental dimensions simultaneously and addressing long-term issues.

Faculty of Human and Social Sciences

Master: Management and tourism promotion of heritage

Goals :

- Ensuring students, thanks to the double diploma system made possible by the partnership between the UEMF and the Paris 1 Panthéon-Sorbonne Institute of Research and Higher Studies of Tourism, a very good quality of training in management and tourism promotion of heritage.
- Ensure absolutely rewarding exchanges both from the point of view of the teaching teams and the mobility of students in the two institutions (UEMF and IREST).
- Promote theoretical knowledge but also the practical methodologies necessary for the successful conduct of field work and internships leading to future employment, as well as those helping to construct writings revealing an analytical, critical and innovative spirit.
- Train in the two cultures of tourism and heritage aimed at integration into heritage establishments and sites, local and territorial authorities and tourism organizations.

Continuing education

<https://www.ueuromed.org/formation-continue/gestion-du-patrimoine-communal>

Workshops & workshops

Workshop “The territoriality of public action: Rethinking governance through the prism of the local”

<https://www.ueuromed.org/actualites/ateliers-workshops/table-ronde-autour-du-theme-la-territorialite-de-laction-publique>

The UEMF organized with local and European partners on Tuesday January 28, 2020, in collaboration with the Agency for Sustainable Mediterranean Cities and Territories (AVITEM), a workshop around the theme “The territoriality of public action: Rethinking governance through the prism of the local.”

Workshop: migration, mobility and development

<https://www.ueuromed.org/riemas/evenements/les-riemas-workshop-series/migration-mobilite-et-developpement>

<https://www.youtube.com/watch?v=6KhGPAFsR4Y>

Hackathon on the theme of artificial intelligence applied to eco-mobility



<https://www.ueuromed.org/actualites/ateliers-workshops/hackaton-sous-le-theme-de-lintelligence-artificielle-applie-leco>

The UEMF promotes Electric Mobility! (06 May 2022)

The UEMF has entered into a new partnership with the Moroccan start-up “POGO”, which consists of the development of soft and electric mobility within the UEMF eco-campus.

For a first incubation phase, “POGO” deployed a fleet of 12 electric scooters for internal travel needs within the campus, in addition to 10 electric motorcycles for external travel.

POGO will benefit from the services offered by the UEMF incubator, namely technical assistance, individualized monitoring, access to technological platforms and access to the UEMF partner network.



<https://pogo.vercel.app/>

Workshop "Open-air workshop" at riad Lalla Yeddouna

<https://www.ueuromed.org/actualites/ateliers-workshops/workshop-atelier-ciel-ouvert-au-riad-lalla-yeddouna>

Workshop "Sustainability: towards a new development paradigm in the Euro-Mediterranean area"

<https://www.ueuromed.org/actualites/ateliers-workshops/workshop-soutenabilite-vers-un-nouveau-paradigme-de-developpement>

Workshop: UEMF and the Euro-Mediterranean Network for Economic Studies (EMNES) analyze migration, mobility and development

<https://www.ueuromed.org/actualites/ateliers-workshops/luemf-et-le-reseau-euro-mediterraneen-pour-les-etudes-economiques>

UEMF-European Union cooperation projects

EMNES: The Euro-Mediterranean Network for Economic Studies

<https://emnes.org/> The Euro-Mediterranean Network for Economic Studies (EMNES) is a network of research institutions and think tanks working on socio-economics policy in the Euro-Mediterranean. EMNES builds on the research work of Euro-Mediterranean Economists Association (www.euromed-economists.org) and the Mediterranean Prospects Network (MEDPRO) (www.medpro-foresight.eu).

PROEMED: Boosting environmental Protection and Energy Efficient Buildings in Mediterranean Region With University of GENOVA-ITALY

ERASMUS+ Joint Projects-573644-2016 Developed master's degree: Design of green building engineering (CIBV) Area: sustainable development

Mediterranean Countries: Towards Internationalization at home EMUNI University-Slovenia

ERASMUS+ CBHE-6107-EPP-1-2019-1-SI-EPPKA2-CBHE-JP - MED2laH Project

Euro-Mediterranean research training network in Architecture, Design and Urbanism- EUROMEDLABS Università degli Studi di Firenze] [UNIFI]-Italy

European Commission *Action 2: Cooperation for innovation and the exchange of good practices-Capacity building of Higher education

Europe for Building Entrepreneurial and Innovative Capacities in the Mediterranean Region / EU4MED+ Universitat Politècnica de Catalunya – BarcelonaTech, Barcelona, Spain

European Commission *Action 2: Cooperation for innovation and the exchange of good practices-Capacity building of Higher education

Strategic Sustainable Development - Operationalizing Sustainability Principles StraSuD University of Stockholm

European Commission *Action 2: Cooperation for innovation and the exchange of good practices-Capacity building of Higher education.

Research Projects

Electronic urban mobility market for optimized trips (Mobility Online Market For Optimized Trips) - Benmoussa & Bennouna

Project selected following a call for tenders (AL-KHAWARIZMI Program) launched by the CNRST in partnership with the Digital Development Agency and the ministries of industry and higher education. Financing acquired 180,000 MAD

Project summary: The mechanisms that control mobility are about to be profoundly disrupted by the intrusion of computing, telecommunications and, more recently, artificial intelligence (AI). These technological innovations will modify both transport needs and the means of satisfying them, constituting a definite opportunity to resolve the difficulties which mar mobility.

The proposed AI application will enable better management of traffic flows. Intelligent transport will offer possibilities for optimization and will open up areas of choice currently little studied and explored, in particular timetable shifts and modal transfers in real time. This will result in increased elasticity of the particular demands which are expressed at a given moment on a given axis.

This research project in transport, sustainable mobility and urban logistics is being deployed in the city of Casablanca with the participation of 4 professors, 3 doctoral students and in partnership with professional organizations such as Casa Transport SA and MobilizeYourCity.

<https://www.cnrst.ma/index.php/fr/component/k2/item/446-programme-al-khawarizmi-resultats-de-l-appel-a-projets-dans-le-domaine-de-artificial-intelligence-and-its-applications?highlight=WYJhbCIsImtoYXdhcmI6bWkiLCJhbCBraGF3YXJpem1pIIO=>

Current research work

The Euromed Polytechnic School (EPS), an establishment of the Euromed University of Fez, is active, from an educational and research point of view, in various fields including sustainable development and green and intelligent mobility.

Artificial Intelligence (AI) is becoming increasingly important across all sectors, including transportation, whether by sea, air, road, passenger or freight.

Particularly, the use of AI applications in public transport could be one of the essential solutions to improve the quality and efficiency of the public transport sector. Indeed, cities around the world are undergoing radical changes in their transportation systems with the advent of technological advancements such as autonomous vehicles, electric vehicles, vehicle-to-vehicle (V2V) communication, autopilot functions and on-demand urban transport services.

Recent trends benefit from the proliferation of on-demand and shared services that are increasing interest in intelligent transportation systems (ITS), smart mobility, and real-time network management as potential solutions to alleviate congestion problems.

Transportation researchers and practitioners have developed models and simulation tools for use in ITS planning, design, and operation. However, with new technologies based on big data

processing, these techniques must be upgraded and include, in addition, social and economic considerations to comprehensively improve the performance of the transport ecosystem.

Article 1: A study submitted to an indexed scientific journal dealing with the issue of transport was carried out highlighting a spatio-temporal analysis of traffic congestion models in Casablanca at the level of its 22 municipalities. Using different algorithms including K-means, Casablanca was subdivided into various zones qualified from “low congestion” to “highly congested” using various criteria, some commonly used, others much less so. The generated model made it possible to identify the explanatory variables contributing to the increase in traffic congestion levels.

Article 2: The modal choice stage is a crucial element on which experts rely to design a valid and sustainable transport system. Various techniques are used to model modal choice behavior including discrete choice models (DCM) and machine learning (ML) techniques. Existing reviews mainly focus on DCM or ML techniques. The main objective of this article is to cover the main discrete choice models and ML techniques while conducting an analysis relating to the degree of accuracy of existing and so-called “hybrid” models.

International conference on November 30 and December 1, 2022 organized in Israel with Shenkar College: “Moving forward with AI in Urban Mobility”

Mobility in large cities has been highlighted as one of the causes of growing dissatisfaction among residents, with a direct effect on their quality of life. Recently, due to new technological developments, cities are becoming “smart” and smart and sustainable mobility is becoming increasingly important. However, little is known about the effectiveness of smart mobility and how it can positively affect sustainability in everyday city life. This conference aims to understand the behavioral intentions of potential transport users regarding their mobility choices and to identify the main perceived barriers that may prevent them from making more sustainable mobility decisions. The findings will provide a useful basis for the ideation phase, as part of a design process aimed at finding solutions that can motivate users towards greener choices.

Tribune in Medias24 on the general theme of sustainable development: “Business and climate change: a structural relationship for a clear reduction in carbon emissions” by Pr. Othmane Benmoussa

Summary :

Do we still have time to stop climate change? What would be our room for maneuver?

If the question seems scientifically, politically and emotionally fraught, that’s because it is and can be frightening and depressing for those who don’t know how to sustainably embrace the process of decarbonizing the economy in his outfit. This does not mean, of course, that the actual answer is uncertain; the science being pretty clear on this.

Indeed, the Intergovernmental Panel on Climate Change (IPCC) published a report in August 2021 with a sobering answer to the question: “We don’t have time. We don’t have time anymore.”

The interpretation of this declaration must be understood in a serious manner, indicating that we are at a pivotal moment in the future of future generations in the sense that this is not understood as if there was nothing more to be done or that our future was entirely out of our hands. Businesses and policymakers can still and must take systemic actions to position our economy and our world on a truly more sustainable path.

Publications

- Fathallah Sijilmassi & Mounia Slighoua
 - *Achieving sustainable development goals: the relevance of a nexus approach in the Euro-Mediterranean and African region. EMEA - EMNES Policy Paper, May 2021*
- Moha Ennaji, Filippo Bignami, Mohammed Moubtassime, Mounia Slighoua and Fouad Boulaid. "Fez as a locus of migration processes on the move". (Article submitted for publication to the Journal of North African Studies in August 2019).
- Mounia Slighoua, Othmane Benmoussa, Housseine Bachiri and Salim Bounou. "Entrepreneurship and Traditional Know-How: The Case of Moroccan Rural Women". EMNES Working Paper. November 2019.
- Hafsa EL Bekri, Fathallah Sijilmassi
 - *Reshaping eu policies towards the eu-africa partnership in the 'new normal' era of the post covid-19 world. EMNES Policy Paper 014*
- Bachiri Housseine, Slighoua Mounia, and Kettani Malika. "Circular Migration and Gender: The Case of Moroccan Strawberry ladies". December 2019.
- Othmane Benmoussa
 - *A conceptual framework for transitioning to an authentic sustainable world*
 - *Emnes working paper no 45*
- Mounia Slighoua. "The Notions of Home and Belonging within Migrant Communities". EMMIR/ACMS Conference 2019, University of Oldenburg, Germany, 13 - 14 December 2019.
- Housseine Bachiri, Mounia Slighoua, and Malika Kettani. "Circular Migration and Gender: The Case of Moroccan Strawberry ladies". Workshop "Migration, Mobility and Development", Euromed University of Fez (UEMF), October 17, 2019.
- Moha Ennaji, Filippo Bignami, Mohammed Moubtassime, Mounia Slighoua and Fouad Boulaid. "Fez as a locus of migration processes on the move". Project Seminar held in SUPSI University of Applied Sciences in Southern Switzerland, Lugano, Switzerland, 4-5 April 2019.
- Mounia Slighoua. "Youth's Contribution to Development Processes", 21st Conference on "Youth and Development", the Emirati Center of Strategic Studies and Research, Abu Dhabi, 8-9 March 2016.

- El Hamzaoui L., Tabyaoui H., El Hassani F., Lahrach H., Dridri A. & Lahrach A. (in press). - Use of GIS for mapping and assessment of the water erosion in the watershed of Wadi Larbaa (Taza, Morocco). *European Scientific Journal*.
- El Hassani F. (2010) - GIS at the Rural Tourism Service. Paper presented at the 1st International Congress on Information Systems'Geographic Information GIS-GT
- Midaoui A., Bourak A., Lahrach A., Lahrach H., El Hassani F. & Chaouni A. (2016). - Contribution to the management of water resources in the Ouergha basin upstream of the Al Wahda dam, a through hydrological modeling. 5th International Conference of the "water & climate" Network – FST – Fez, Morocco, October 12-13, 2016.
- BOURAK A., MIDAOU I., EL HASSANI F., LAHRACH A. & CHAOUNI A. (2017).- Restoration of watercourses in urban areas in Morocco. Case study: Fouarat (city of Kenitra) and Boufekrane (city of Meknes). *RVA2D National Conference - 2017 Risks, Vulnerability, Adaptation and Sustainable Development*. Taza December 15-16, 2017
- MIDAOU I., BOURAK A., EL HASSANI F., LAHRACH A. & CHAOUNI A. (2017).- Development of a flood forecasting and management model in the Sebou basin (Morocco). Hydrological and hydraulic modeling coupled with GIS. *RVA2D-2017 National Conference Risks, Vulnerability, Adaptation and Sustainable Development*. Taza December 15-16, 2017
- DAIDE F., EL HASSANI F., GMIRA S., LAHRACH A., CHAOUNI A. (2017).- Hydraulic modeling of floods in the Oued Tamraght watershed, Souss Massa. *National Conference RVA2D-2017 Risks, Vulnerability, Adaptation and Sustainable Development*. Taza December 15-16, 2017

<https://www.ueuromed.org/actualites/articles/questionnements-sur-le-role-de-lurbanisme-dans-la-gestion-de-la-pandemie-du>

UEMF activities



- Clubs: choir, Latin dance, We Art, Free & Dance, Theater, Tawesna (promotion of Amazigh culture and language),...
- Visit to Mellah to discover the Judeo-Moroccan heritage.

<https://www.ueuromed.org/evenements/activites-des-etudiants/visite-du-mellah-la-decouverte-du-patrimoine-judeo-marocain>

Heritage conferences

The Spanish city of Tetouan or Ensanche: The perfect example of shared heritage

<https://www.ueuromed.org/evenements/cycle-de-conferences/la-ville-Espagne-de-tetouan-ou-ensanche-lexposition-parfait-dun>

Spending on arts and heritage

The UEMF devotes more than 5% of its budget to expenses including:

- operating expenses for libraries, galleries, exhibition spaces, theaters and spaces open to the public;
- expenditure on musical resources (instruments, payment of travel and music teachers, etc.);
- the regular operating costs of buildings dedicated to arts and heritage.

Transportation

The UEMF encourages and subsidizes more sustainable travel (walking, cycling, carpooling, public transport (UEMF buses and public shuttles), motorcycles, scooters or mopeds, or electric vehicles). In particular, mission costs are better reimbursed in the event of carpooling.

The campus has priority pedestrian paths and cycle paths.

Sustainable housing for students and employees

The UEMF has an agreement with a large real estate development group in Fez which allowed it to build the U Village student residence (<https://www.uvillage.ma/>) Who provides its residents with a comfortable, warm, healthy, secure and environmentally friendly living environment. Located in the heart of UEMF, U VILLAGE offers sustainable accommodation adapted to the needs of students and their budget.

Affordable housing for employees

Access to decent housing is, by the Constitution of Morocco, a right which guarantees dignity and contributes to the social cohesion of citizens. Considered as such, the housing sector is a social sector in essence. In this sense, the Ministry of National Territorial Planning, Urban Planning, Housing and Urban Policy initiated the social housing program in 2010 at 250,000 MAD.

For employees wishing to acquire sustainable housing with affordable prices, the same developer has economical housing in various districts of the city of Fez.

Round table: advanced regionalization and new development model in the Fez-Meknes region



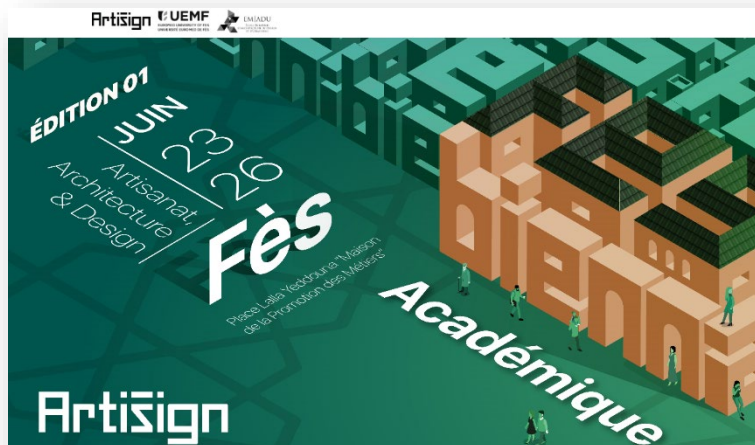
As part of the second part of the round tables organized by Horizon press on advanced regionalization and the new development model, Professor Hicham Sebti took part in the panel of this edition under the theme: Challenges of Fez-Meknes for a new policy of regional development.

During this debate, two panels were scheduled. The first focused on the actions of regional actors in the service of development, by addressing questions which revolve around the governance of the Territory and the federation of regional actors, the assets of the Region including qualified human capital as well as major regional development projects and ambitious roadmaps to successfully meet the challenge of implementing the NMD. As for

the second panel, it raised the question of how to establish the Region as a new hub serving regional growth.

<https://www.youtube.com/watch?v=uipcOHup2Kk>

Kick-off of the 1st edition of the ArtiSign Academic Biennale in the historic site of Lalla Yeddouna



The School of Architecture, Design and Urban Planning (EMADU) of the Euromed University of Fez kicks off the 1st edition of the ArtiSign Academic Biennale. An event which takes place in the heart of the medina of Fez, a UNESCO world heritage site, from Thursday June 23 to Sunday June 26, mainly on the historic site of Lalla Yeddouna.

The ArtiSign academic biennial is an academic, inclusive, eclectic and international event involving internationally renowned artisans, designers, students, academics and professionals, with the aim of creating new synergy with a holistic vision combining the world of Crafts with that

of Design while celebrating the diversity of learning models.

This unifying event is part of the Royal vision to promote the tangible and intangible heritage of the city of Fez, promote our ancestral know-how by making it one of our socio-economic levers and bring the academic world closer to the world of crafts. to innovate and internationalize Moroccan knowledge and know-how and made in Morocco.

To do this, a tripartite agreement initiated by the Wilaya of Fez-Meknes was signed between the UEMF, ADER-Fez and the Fez-Meknes Chamber of Crafts as part of the Medina requalification and rehabilitation program. of Fez aimed at promoting ancestral knowledge and know-how as well as the promotion of Moroccan artisanal heritage and the revitalization of traditional trades. This biennial is also the fruit of the participation and close collaboration of artisans from the Lalla Yeddouna Federation of Craft Trades.

In preparation for more than a year, the ArtiSign academic biennial has the involvement of EMADU's privileged partners: the DIA-UNIFI School of Architecture and Design in Florence, the National School of Decorative Arts in Paris- ENSAD-, the Portuguese University of Evora, the Aga Khan Trust for Culture of Switzerland, the Polish Academy of Design Sztukai W Szczecinie, the Kan Ya Makan Association, the CFQMA Training and Qualification Center for Careers in the 'Artisanat de Fez, the French Institute of Fez, the Federation of Artisans of Lalla Yeddouna and internationally renowned Designers, among others.



<https://ueuromed.org/actualites/exposition/coup-dviens-de-la-1ere-edition-de-la-biennale-academique-artisign-dans-le>

<http://www.artisignbiennale.org/>

Media coverage was also provided by the Moroccan press, notably:

<https://fr.le360.ma/societe/fes-la-premiere-edition-de-la-biennale-academique-artisign-se-tiendra-dans-le-site-histoire-de-262413>

<https://www.leconomiste.com/flash-infos/fes-coup-d-entreprises-de-la-biennale-academique-artisign>

<https://medias24.com/nativeads/fes-le-site-ancestral-de-lalla-yeddouna-accueille-la-premiere-edition-de-la-biennale-academique-artisign/>

<https://today.ma/digipress/ejournal/journal-electronique-du-jeudi-23-juin-2022#page2>

VERNACULAR ARCHITECTURE IN MOROCCO: Intensive workshop on the medina of Sefrou December 18-20, 2022

This international workshop includes the identification of a case study of vernacular architecture in the Euro-Mediterranean zone (here it is the Medina of Sefrou). The workshop is characterized by an interdisciplinary approach based on the integration of different levels of analysis: ethnographic, geographical, climatic, environmental, historical, geomatics, constructive, energetic, economic and organizational.

The objective of this workshop is to introduce students to the use of methods and tools for the analysis of vernacular architecture and to understand the relationship between environment, culture, local architecture and development.



WORKSHOP URBAN PLANNING & ARCHITECTURE December 20-23, 2022

The objective of the workshop, being the implementation and practice of the complete urban planning process (including the regulatory one in force in Morocco). From there, and according to a hierarchical sequence of town planning documents and scales, the urban development project will emanate. The outcome of this staging of the planning approach and tools would obviously be the architectural project. Said architectural project would be an urban facility unifying cohesion, emanating from the realistic urban problem of Fez, namely, urban fragmentation.



We green Club at the “Learning Planet Festival” January 23, 2023



The WeGreen Club participated on Monday January 23, 2023 in the “Learning Planet Festival” program for the benefit of students of the “Chabab Al Ghad” primary education school in Fes. The purpose of this action was to confront students with environmental issues linked to waste, plastic bottles for example. Participants took part in several workshops which allowed them to transform this problem into an artistic opportunity.

Cleaning campaign March 4, 2023



The “We Green” club in collaboration with the “UEMF Lions” club organized on March 4, 2023 a day of cleaning public spaces in the city of Fez.

During this day, members of the two clubs as well as student volunteers had the opportunity to participate in this event and intervene on the edges overlooking the rails which cross the city of Fez in the “Bab El Ghoul” district. .

Workshop on intelligent transport (ITS), mobility and urban planning May 16, 2023



The UEMF organized, on May 15 and 16, 2023, in collaboration with its partner Shenkar College of Engineering and Design, two workshops, one on AI applied to agriculture and food security and the other on intelligent transport (ITS), mobility and urban planning.

The 2nd day of joint work on transport and urban planning between the Euromed University of Fez and Shenkar College of Engineering and Design saw massive participation and frank interest from the 2 university institutions, respective presidencies and deanships, researchers and students .

Various themes were discussed, including:

- Territorial planning, town planning and architecture, all areas remodeled thanks to artificial intelligence and new techniques for processing, extraction, exploitation and analysis of massive data;
- Hybrid models combining Machine Learning and Deep Learning techniques with those of discrete choice analysis;
- The application of artificial intelligence to civil air transport as an important axis.

<https://ueuromed.org/actualites/ateliers-workshops/workshop-sur-les-transport-intelligents-its-la-mobilite-et-la>

Euromed University of Fez and the University of Toronto are organizing 3 symposia in Fez on the theme: “CO-DESIGNING PUBLIC SPACES IN THE MEDINA OF FEZ” May 12, 2023



As part of the partnerships of the Euromed University of Fez with the international academic world, its School of Architecture, Design and Urban Planning (EMADU) and the Faculty of Architecture, Landscape and Design “John H. Daniels » from the University of Toronto are organizing a joint architecture course from May 8 to June 16, 2023. For the first time, this course offers a summer architecture studio on the African continent, with complete immersion in the site of their interventions, from Canadian students, Sierra Leonean students (Fourah Bay College), students from EMADU and other students from the Municipality of Fez Medina as well as artisans.

The workshop is imagined as a series of dialogues between students, experts and local actors in the Medina of Fez. Designed in a transversal manner, bringing together first and second cycle students from the three schools of architecture, this Workshop will focus on the design of new typologies of public spaces in the Medina of Fez, through the development of acupuncture urban strategies and small-scale architectural proposals for public micro-spaces.

<https://ueuromed.org/actualites/ateliers-workshops/luniversite-euromed-de-fes-et-luniversite-de-toronto-organisent-fes-3>

Round table: Territorial marketing



The Euroemd Institute of Legal and Political Sciences organized, on Thursday May 4, 2023, a round table on: Territorial marketing.

The event was moderated by Professor Hassan Azouaoui, professor of economics and management, vice-dean of the Faculty of Economics of Kénitra and member of the Daraa Tafilalet regional council.

Holding the activity was an opportunity to question the mechanisms and opportunities for sustainable and equitable development.

<https://ueuromed.org/actualites/congres-et-colloques/table-ronde-le-marketing-territorial>

Renovation work on a school



The LIONS club participated on May 23, 2023 in the renovation of the “Lhit Charef” school in the province of Moulay Yaccoub.

The Euromed School of Architecture, Design and Urbanism presents at the 6th edition of the Annual International Meeting of Artists in Fez



EMADU is actively participating in the sixth edition of the annual international meeting of artists in Fez, Morocco. This edition addresses the subject of "Gentrification, Art and Cultural Heritage". In collaboration with Fez Gathering, this edition focuses on how art is used to address current challenges of gentrification. This objective will be addressed through several discussion panels, artistic installations, performances and various activities, in the presence of Pr. Wafae Belarbi, Director of EMADU, Mr. Hamza El Fasiki, Artisan and Writer, Mr. Mohammed Hamdouni, PhD student-researcher and Mr. Philip Kojo Metz, Artist based in Germany.

Through the involvement of design and architecture students in several workshops, as well as the involvement of our permanent professors in round tables and workshops. This event is organized as part of the 6th edition of the Annual International Meeting of Artists of Fez from October 5 to 8, 2023 in the old medina of Fez.

<https://ueuromed.org/actualites/annonces-diverses/lecole-euromed-darchitecture-de-design-et-durbanisme-presente-la-6eme>

Conference organized under the theme of “Fez and the Mediterranean space” hosted by the academic staff of the Euromed University of Fez on the occasion of the 10th edition of the Mediterranean Tourism Forum “MediTour 2023”



In partnership with the Euromed University of Fez and many other institutions, the Chamber of Commerce, Industry and Services (CCIS) of Fez-Meknes, is organizing from October 24 to 26, 2023 the 10th edition of the Mediterranean Tourism Forum “MediTour 2023” under the theme “Investments, cultures and innovation: The future of Mediterranean tourism”.

This large-scale event, which is held at the Palais des Congrès of the Marriot Hotel in Fez, was marked by the participation of several Teacher-Researchers and Directors of UEMF establishments who shared their knowledge with the participants during workshops and conferences organized on the sidelines of this Forum.

The conference on Wednesday October 25, organized under the theme of “Fez and the Mediterranean space”, was led mainly by the academic staff of the Euroemd University of Fez. During this day, the topics covered focused on the influence of tourist trends, the Mediterranean dimension and the spiritual influence of the city of Fez in a Mediterranean context. Speakers therefore highlighted the opportunities and challenges related to adapting to tourism trends, establishing lasting links between Mediterranean communities and enhancing the region's assets.

<https://ueuromed.org/actualites/cycle-de-conferences/luniversite-euromed-de-fes-participe-activement-la-10eme-edition-du>

CLUB WE GREEN IN ACTION: » IMPROVE THE IFRANE NATIONAL PARK: LET'S OPEN OUR EYES! »



Saturday October 28, 2023; the “We Green” club of students from the Euromed University of Fez (UEMF) organized an awareness day for the benefit of its members through the visit of several environmental centers as well as a cleaning action in the national park from Ifrane.

As part of these social activities, the “We Green” club kicked off this day aimed at raising awareness among the general public regarding environmental issues with the main objective: To encourage reflection around environmental issues, create ecological habits through a cleaning action and an awareness of biodiversity issues through a visit to the Ifrane national park, its fish farming station in Ras El Mae and its cedar house. The day was marked in particular by a cleaning action in the forest of the Zerouka I water body of Ifrane with the aim of reducing the negative impact of waste and residues which affect the environment.

Note that Zerrouka I is a small, shallow drainable artificial fish pond. It is located on the Zerrouka wadi (or Zrouka), the main tributary of the Tizguite wadi. The dike is located approximately 300m from the source, so that the waters from it flow directly into it. The reservoir is limited by a concrete wall, at least on the west bank. The waters of the spring are also used to supply the city of Ifrane with drinking water.

At this body of water which is an integral part of the Oued Tizguite Ramsar Site; The vegetation is not very varied (around fifteen species with a wide geographical distribution) and is very limited in space, the edges of the lake being concreted and mowing is frequent.

It is a fairly protected trout body of water, somewhat interesting for birds. It is home to few winter residents (less than 400 birds), the population being mainly composed of divers: coots and crested coots, little grebes, pochards, tufts and nyrocas, with sometimes shovelers and/or mallards. Among the breeders, the Eurasian Coot (20-25 pairs), the Crested Coot (around 10 pairs) and the Little Grebe (5-8 pairs) are the most regular.

Finally, it should be noted that the Euromed University of Fez is a public utility, non-profit institution with an eco-campus meeting international standards which constitutes a pleasant and stimulating environment for its students coming from more than 40 nationalities.

UEMF winners are equipped with training on soft skills, study skills, life-skills and professional skills and this profile; based on several pillars; allows students to acquire numerous skills linked in particular to multilingualism, multiculturalism, innovation and entrepreneurship, the digital environment, international mobility, and sustainable development in addition to the pillar of social responsibility and eco-citizenship through which we instill in students the values of respect for the environment, sustainable development and civic responsibility.

<https://www.oujdacity.net/national-article-157654-fr/club-we-green-en-action-sublimez-le-parc-national-difrane-ouvrons-les-yeux.html>

<https://premiumtravelnews.com/2023/10/30/club-we-green-parc-national-difrane/>

Other event

- Organization of the “Made in Fes” event to promote the artisanal heritage of Fes.

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

Launch of the GreenTech Roadshow: A Partnership for Sustainable Innovation



Euromed University of Fez and BMCI are partnering to create an ecosystem conducive to innovation and sustainable development. This partnership reflects the commitment of both institutions to support entrepreneurship and the ecological transition.

The Euromed University of Fez (UEMF) and the Moroccan Bank for Commerce and Industry (BMCI) are proud to announce the launch of the GreenTech Roadshow, a major event dedicated to sustainable innovation and entrepreneurship. This challenge is aimed at startups with a functional minimum viable product (MVP), ready to impact two essential areas: agritech/blue economy and low carbon.

In a global context of increasing water stress and climate emergency, the GreenTech Roadshow aims to identify and support innovative technological solutions capable of addressing these challenges.

1. Agritech / Blue Economy: This theme targets startups offering solutions to reduce water stress, essential for the sustainability of water resources.
2. Low Carbon: This theme addresses innovative solutions aimed at reducing carbon emissions, which are crucial in the fight against climate change.

<https://ueuromed.org/actualites/annonces-diverses/lancement-du-greentech-roadshow-un-partenariat-pour-linnovation>

EMADU Cultural Meeting: Global Perspective on Contemporary Architecture



The School of Architecture of the Euromed University of Fez welcomed, on Thursday, May 28, 2024, Sean Anderson, a major player in the field of architecture and former associate curator at the Museum of Modern Art (MoMA), New York.

Sean Anderson, currently an Associate Professor at Cornell University, has brought a wealth of knowledge and experience to our Architecture students. With an impressive background that includes teaching and practicing architecture in Speaking in countries such as Afghanistan, Australia, India, Italy, Morocco, Sri Lanka and the United Arab Emirates, his presentations offer global perspectives on current innovations and challenges in his field.

How can we begin to undo commonly held assumptions about architecture in order to move beyond the boundaries, structures, and systems that limit or even prohibit knowledge? This was the central question at this gathering, as Anderson addressed issues related to the manifestation of the past in our present, through the tools used by architects, designers, and others. He suggested ways to dismantle these legacies in order to create new spaces for reflection, habitation, and liberation.

<https://ueuromed.org/actualites/cycle-de-conferences/rendez-vous-culturel-de-lemadu-perspective-globale-sur>

THE Impact Ranking: 1st at the regional level and 3rd at the national level in the category SDG 11: Sustainable Cities and Communities

Rank	Name	Sustainable cities and communities	Overall
301–400	Ibn Tofaïl University Morocco	56.8–64.3	69.9–75.7
601–800	Université Hassan II de Casablanca Morocco	33.7–44.8	58.8–64.4
801–1000	Euromed University of Fez Morocco	12.1–33.6	64.5–69.8

[Workshop] Architectural Exploration in Fez: Tradition Reinvented



Students of the Master of Architecture of the Euromed School of Architecture, Design and Urban Planning (EMADU) immersed themselves in the history and future of Fez, on April 24, during a Workshop at the Riad Lalla Yeddouna.

In collaboration with the University of Mons, students explored the adaptive transformation of Foundouks in Fez, a precious heritage of the city. From creative reuse to the preservation of traditional practices. The commitment that students demonstrate to the community and sustainable urban planning is a guide for an inclusive and inspiring future.

<https://ueuromed.org/actualites/ateliers-workshops/workshop-exploration-architecturale-fes-tradition-reinventee>

Between tradition and modernity: what path for Morocco? » Conference by Dr. Rachid ACHACHI



As part of the conference cycle, this Wednesday, February 28, 2024 was marked by a conference by Dr. Rachid ACHACHI around the theme "Between tradition and modernity: what path for Morocco?" within the Eco-campus of the Euromed University of Fez.

During this afternoon, students from different establishments of the University attended a session of general reflections that emanate from the fields of sociology and ethnology. The speaker took the opportunity to elucidate the distinction between tradition, modernity and modernization. Mr. ACHACHI also defined archeo-modernity which is an approach aimed at understanding contemporary society and culture by examining its structures.

With the aim of making this meeting a place for constructive exchange and collective production of knowledge, the audience was able to participate in an enriching debate on the different aspects discussed during this conference.

<https://ueuromed.org/actualites/cycle-de-conferences/entre-tradition-et-modernite-quelle-voie-pour-le-maroc-conference>

International Conference: “Techniques and Environment”



On January 25, 2024, the ICESCO-Euromed Chair “Arts, Societies and Civilizations” organized an international symposium in collaboration with CETCOPRA of the University of Paris 1 Panthéon-Sorbonne on the theme of “Technology and Environment”. The event brought together Moroccan and international personalities, including Dr. Mohamed Zinelabidine of ICESCO, as well as a panel of researchers from the University of Paris 1.

The conference explored multidimensional approaches to address social and humanitarian crises, focusing on the interactions between technology, society, ethics and the environment. Two discussion sessions were organized: one on the use of technology in emergency situations, and the other on social issues related to technologies.

This meeting offered a platform for enriching debates between speakers, teacher-researchers and students from the Euromed University of Fez.

<https://ueuromed.org/actualites/annonces-diverses/colloque-international-techniques-et-environnement>

UEMF participates in shaping the digital and sustainable future of the Fez-Meknes region



The Euromed Institute of Legal and Political Sciences (IESJP) participated in the kick-off meeting of the Smart Sustainable City project in Ifrane on January 12, 2024, thus marking its support for the inclusive digital transition of the Fez-Meknes region.

This is a Belgian-Moroccan project carried out in partnership with the Belgian universities UC Louvain and UNamur, as well as the consortium of four universities in the Fez-Meknes region, including the Euromed University of Fez.

This Belgian-Moroccan project embodies the university's vision of a smart and sustainable urban future. It aims at two primary objectives, namely the inclusive digital transition of the region and the emergence of new forms of governance and citizen participation.

<https://www.ueuromed.org/actualites/annonces-diverses/luemf-participe-au-faconnement-de-lavenir-numerique-et-durable-de-la>

"The mausoleum of Georgi Dimitrov as a place of memory" with Pr. Maria Todorova



As part of the series of conferences organized by the Euromed University of Fez, Maria Todorova, renowned historian and eminent professor at the American University of Illinois Urbana-Champaign, captivated the audience this Wednesday, December 20, by addressing the theme "Blowing up the Past: The mausoleum of Georgi Dimitrov as a place of memory".

During her presentation, Ms. Todorova examined in depth the Georgi Dimitrov Mausoleum as an emblematic place of memory, focusing on its role in the construction and deconstruction of Bulgarian national identity. She also analyzed the different representations of the past conveyed by this historical symbol and their impact on the collective consciousness.

This conference was an opportunity for reflection and intellectual exchange, allowing students to deepen their understanding of collective memory, its issues and its influence on the construction of history and national identities. The Euromed University of Fez has once again distinguished itself by inviting an internationally renowned expert to share her expertise and stimulate critical thinking within its academic community.

<https://www.ueuromed.org/actualites/cycle-de-seminaires/mausoleum-georgi-dimitrov-lieu-de-memoire-avec-pr-maria-todorova>

EMADU: “Faces & Faces” Exhibition



The Euromed School of Architecture, Design and Urbanism (EMADU) illuminated its spaces with the exhibition “Visages & Visages”. Showcasing the artistic talents of the first-year students of Architecture and Design, this exhibition captivated visitors by immersing them in a vibrant and striking visual world. Each canvas exhibited was an open window to the soul, where glances, smiles and frozen expressions testified to the richness and complexity of the human being.

She celebrated the uniqueness of each person and appreciated the richness of the human condition. EMADU students demonstrated their talent by creatively and sensitively capturing the complexity of the human soul through these inspiring portraits. This visual experience certainly touched the minds and hearts of the visitors, prompting them to reflect on the diversity and beauty present behind every face.

<https://ueuromed.org/actualites/exposition/emadu-exposition-visages-visages>

Launch of new professional training courses at EMADU



The Euromed University of Fez, through the Euromed School of Architecture, Design and Urban Planning, is launching a continuing education program in hospital architectural programming and architectural and urban programming, intended for architects, engineers and hospital managers. This training, open at national and international level, aims to master programming, a crucial stage of the architectural process, where the programmer translates the needs of the project owner into a realistic program, taking into account budgetary, social, environmental and regulatory constraints. The program combines theory and practical cases to train participants to anticipate and avoid unforeseen events and cost and deadline overruns.

<https://ueuromed.org/actualites/annonces-diverses/lancement-de-nouvelles-formations-professionnelles-lemadu>

STARTECH Call for Projects: Comprehensive support programs



Are you an innovator in the fields of AgriTech, HealthTech, CleanTech, Industries 4.0, EdTech, Cybersecurity or Fintech?

The Euromed Innovation Center(EIC)of the Euromed University of Fez is launching the STARTECH call for projects, offering a unique opportunity to benefit from personalized support and mentoring from experts.

Aimed at assisting those with innovative ideas through comprehensive support programs, STARTECH includes collaborative workspaces, specialized training, Soft Skills coaching, and privileged access to UEMF's resources and technological platforms.

The deadline for submitting applications is September 8, 2024. Applications received after the closing date of the call for projects will not be considered. Selected projects will participate in Bootcamps within the UEMF and benefit from interesting investment opportunities offered by our partners.

<https://ueuromed.org/actualites/annonces-diverses/appel-projets-startech-programmes-dentreprises-complets>

Architect Mind Exhibition: Architecture as a tool for art and culture



The Euromed School of Architecture, Design and Urban Planning is organizing an exhibition from October 16 to 26 at Riad ALIF, in collaboration with socio-cultural actors from Fez. This opening highlights creative works (drawings, collages, installations, paintings) created by architecture and design students, illustrating the importance of architecture in the formation of civilizations and the preservation of cultural heritage. By exploring the role of architecture as a tool for culture and art, the event aims to foster cultural exchanges between the university community, local creators and the general public, while celebrating the unique architectural heritage of Fez.

<https://ueuromed.org/actualites/exposition/exposition-architect-mind-larchitecture-comme-outil-dart-et-de-culture>