Your Friday Wrap #252 – 02nd May 2025

University Mohammed VI Polytechnic

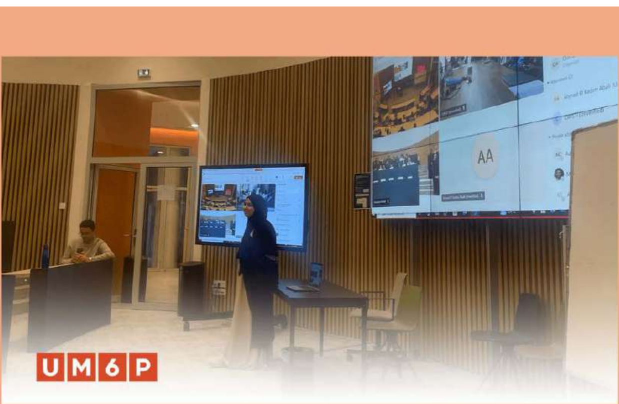
Empowering Minds.

UM6P
Africa Business School

Policymakers and experts gathered for carbon market dialogue at ABS Carbon Markets Forum

This week, Africa Business School, in collaboration with the Sustainable Business Economics Center (SBEC), organized the Carbon Markets Forum 2025 at University Mohammed VI Polytechnic Campus in Rabat.

The forum featured keynote talks, panel discussions, a masterclass, and networking sessions, bringing together representatives from government ministries, development agencies, and environmental organizations, both national and international. A key moment of the event was the signing of agreements between UM6P, the Global Green Growth Institute, and the Tony Blair Institute for Global Change, aimed at strengthening regional collaboration on the development of carbon markets.



Youth Tech Challenge Africa 2025 kicked off with a focus on reimagining African cities

On the 12th of April, the official kick-off of Youth Tech Challenge Africa (YTCA) 2025 took place at University Mohammed VI Polytechnic at its Campus in Benguerir, marking the launch of this year's edition under the theme "Reimagining the African City."

The opening event brought together students, mentors, and organizers for a full day of presentations, team formation, and project discovery. The agenda included an overview of the competition's structure, the announcement of selected projects, and the formation of multidisciplinary teams. A highlight of the day was a thematic conference on "IoT & Architecture" led by UM6P's SAP+D School, which sparked meaningful dialogue at the intersection of technology and urban design.

Symposium RMN Bruker
En partenariat avec l'UM6P Core Labs
Avec le soutien de la société Radaco
UM6P
CORE LABS

UM6P Corelabs and Bruker advanced Nuclear Magnetic Resonance dialogue at Bruker NMR Symposium

From the 23rd to the 24th of April, the Bruker NMR Symposium was held at University Mohammed VI Polytechnic at its Campus in Benguerir, co-organized by UM6P Corelabs with the support of Radaco.

The event brought together the NMR community for two days of discussions on technological advances, including superconducting magnets, liquid-state NMR, and applications in battery research and biomarker identification. A agreement was signed between Bruker and UM6P Corelabs, strengthening future collaboration in research and technology.

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UM6P
ReBuild
U-ORIENT

Orientation event contributed to youth empowerment in Al Haouz

On the 11th and 12th of April, ReBuild initiative in collaboration with U-Orient and the Outreach and Admissions Team, organized a two-day orientation event in Tahannaout, Al Haouz.

The initiative gathered over 200 students for workshops, interactive sessions, and individual guidance focused on academic pathways and career exploration. The event aimed to equip students with essential skills and tools to help shape their educational and professional futures, while contributing to local efforts to support youth development in the region.

Students tackled sustainability challenges at Student Sustainability Lab

From the 25th to the 27th of April, the Climate Awareness Club (CAC), in collaboration with Student Organizations, Leadership & Engagement (SOLE), the Africa Business School (ABS), Xcentrique Media, and the Sustainable Development Department, organized the Student Sustainability Lab at UM6P Campus in Rabat.

This three-day innovation sprint brought together 80 students from six countries—Morocco, Nigeria, Ghana, Rwanda, Pakistan, and Benin Republic—to work on solution-oriented projects addressing climate innovation, sustainable business models, design thinking, and AI for sustainability.

The event concluded with a pitch session, where teams presented their ideas to a panel of mentors and judges, proposing practical responses to global sustainability challenges.

UM6P
Communicating
Science

Communicating Science #09: Meeting New Climate Challenges with Precision Data

As climate change accelerates, having precise, localized temperature information is no longer a luxury — it's a necessity. Morocco, with its rapidly shifting landscapes — from coastal plains to rugged mountains and expansive deserts — faces highly variable climate risks. Yet traditional ground weather stations, often too sparse and unevenly distributed, cannot capture this local complexity.

Recognizing this urgent gap, Wiam Salih and her team at UM6P have developed TEMLI — Temperature Estimation with Machine Learning and Land Inputs — a groundbreaking model that combines satellite data and artificial intelligence to generate daily, high-resolution air temperature maps. With TEMLI, Morocco moves towards a new era of localized climate resilience.

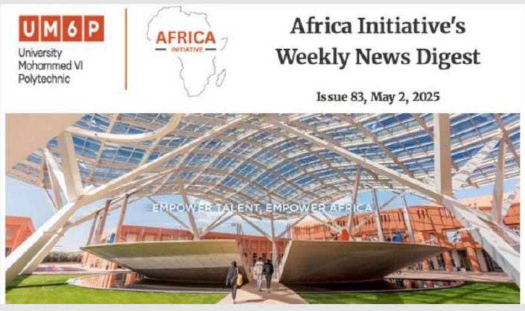
Check the article

GreenChemAfrica program concluded with a graduation ceremony

This week, the GreenChemAfrica program, developed through a collaboration between SUSMAT-RC, Executive Education STH, and The International Union of Pure and Applied Chemistry (IUPAC), with the support of the Royal Society of Chemistry and the ACS Green Chemistry Institute, concluded its training cycle at University Mohammed VI Polytechnic in Benguerir.

This pan-African initiative introduced participants to the foundations of green chemistry, including its twelve guiding principles and practical applications aimed at addressing environmental challenges. Beyond academic content, the program encouraged participants to reflect on the role of science in sustainable development, emphasizing innovation, interdisciplinary collaboration, and leadership.

The graduation ceremony marked the completion of the training and recognized the participants' commitment to advancing sustainable chemistry across the continent.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AFRICA INITIATIVE
Africa Initiative's Weekly News Digest
Issue 83, May 2, 2025
EMPOWER TALENT, EMPOWER AFRICA

Africa Initiative's Weekly News Digest on its 83rd edition

The UM6P Africa Initiative entity is announcing the release of the 83rd edition of the Africa Initiative's Weekly News Digest. The main objective is to share with UM6P community members the latest news, opportunities, and events from across the continent.

We invite you to stay informed and engaged with the evolving developments shaping Africa's growth and future. To consult the 83rd edition, please click on the link below :

Africa Initiative's Weekly News Digest – 83rd edition

Horizons session highlighted Oracle's internship opportunities

On the 28th of April, the Career Center welcomed Dr. Hassan Chafi, Vice President of R&D at Oracle, for a Horizons Masterclass at University Mohammed VI Polytechnic at its Campus in Benguerir.

Dr. Chafi spoke about the evolving role of artificial intelligence in enterprise settings, focusing on its impact on databases and business applications. He also introduced the Oracle Campus on Tour program, which offers students opportunities for career development, including end-of-study internships at Oracle's R&D Centers in Morocco.

The session contributed to building connections between students and the tech industry, while highlighting potential career pathways in AI and enterprise innovation.

The 4th edition of Local Domotics Competition explored agri-tech solutions for urban homes

From the 25th to the 27th of April, the Archi Tech Student Club, in collaboration with Student Organizations, Leadership & Engagement (SOLE), SAP+D, 1337 Coding School, and the College of Computing, organized the 4th edition of the Local Domotics Competition at UM6P Campus in Benguerir.

The 38-hour competition brought together students from UM6P and the National Schools of Architecture in Rabat and Marrakech. Working in interdisciplinary teams, participants explored how to integrate architecture and smart technologies in response to urban housing challenges. This edition focused on agriculture-integrated housing, with teams designing smart homes that allow residents to manage food production through connected systems, supporting food security in African cities.

Research, competition, and dialogue at the 2nd edition of ABS Doctoral Summit

From the 25th to the 26th of April, Africa Business School held the second edition of its Doctoral Research Summit at University Mohammed VI Polytechnic at its Campus in Rabat.

The event brought together PhD and DBA students, research assistants, and interns from the ABS community for two days of academic exchange and reflection. The summit also welcomed PhD students from other Moroccan universities to foster dialogue and collaboration across institutions. The program featured talks, symposiums, workshops, and roundtables on a wide range of business research topics.

Participants took part in research competitions, presenting their work and receiving recognition for selected paper submissions, contributing to a dynamic environment of academic engagement.

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The Globe Digest

The Globe Digest #64: Gene circuits enable more precise control of gene therapy

Many diseases are caused by a missing or defective copy of a single gene. For decades, scientists have been working on gene therapy treatments that could cure such diseases by delivering a new copy of the missing genes to the affected cells.

Despite those efforts, very few gene therapy treatments have been approved by the FDA. One of the challenges to developing these treatments has been achieving control over how much the new gene is expressed in cells — too little and it won't succeed, too much and it could cause serious side effects.

Check the article

LYDEX Rabat joined international runners in the 8th Rabat International Marathon

On the 27th of April, LYDEX Rabat took part in the 8th edition of the Rabat International Marathon, held in Morocco's capital city.

The team joined participants from various countries in the Marathon (42.195 km), Half Marathon (21.1 km), and 10 km race categories. Several team members received medals, reflecting their consistent involvement in promoting physical activity and participation in competitive events

ABU-JE and partners introduced students to Salesforce certification path

On the 26th of April, Africa Business Unit Junior Enterprise (ABU-JE), and Salesforce Administrator hosted a Certification Preparation Workshop at UM6P Campus at Rabat. The session was organized by the Africa Business Unit – Junior Enterprise (ABU-JE), in collaboration with SOLE and Africa Business School (ABS).

The workshop introduced participants to concepts in Salesforce administration through a mix of theory and hands-on practice. The Sessions covered core platform functionalities and offered guidance for those preparing for the ADM-201 certification. The training aimed to support participants interested in CRM roles and digital transformation, while aligning with current industry requirements.

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