

Kindly find supportive documents for the following questions of EN11:

1- Is the institution currently a member of a national or international higher education sustainability network?

The UN Sustainable Development Solutions Network (SDSN). The international network which mobilizes global scientific and technological expertise to promote practical problem solving for sustainable development and has operated under the auspices of the UN Secretary-General and leadership.

De: reply-to+62551918-5c8a-485a-abb0-9d16e45a7f7d@email.submittable.com de la part de Sustainable Development Solutions Network <reply-to+62551918-5c8a-485a-abb0-9d16e45a7f7d@email.submittable.com>
Envoyé: jeudi 26 mars 2020 16:11
À: Asma HAJJANI
Objet: Adhésion au SDSN

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Cher Asma Hajjani,

C'est avec grand plaisir que je vous écris pour vous informer que notre Conseil stratégique des réseaux du SDSN (Sustainable Development Solutions Network/Réseau pour des solutions de développement durable) a approuvé l'adhésion de votre institution. Nous sommes très heureux que vous rejoignez notre réseau pour que l'on puisse travailler ensemble pour atteindre les Objectifs du développement durable dans le Sahel et dans le monde.

En tant que membre du SDSN, vous et votre personnel aurez un accès privilégié à notre plateforme de communication en ligne SDSN Mobilize, qui vous permet d'identifier et de contacter d'autres experts en matière de développement durable, de promouvoir des activités et des événements, de découvrir de nouvelles perspectives de financement, de collaboration et bien plus encore ! Une fois que vous aurez complété votre profil sur SDSN Mobilize, le nom de votre institution sera téléchargé sur notre site Web. De plus, vos coordonnées seront bientôt ajoutées à notre liste de diffusion, ce qui vous permettra de rester au courant de toutes les nouvelles concernant le SDSN. Pour plus d'informations sur SDSN Mobilize et pour ajouter des membres de votre institution, veuillez contacter Mme Dorothea Strüber (dorothea.strueber@unsdsn.org).

Pendant les prochains mois, nous travaillerons ensemble pour définir les moyens de collaboration en matière de recherche, des « projets-solutions », et autres initiatives. Veuillez nous faire savoir si vous avez des suggestions soit pour des initiatives conjointes ou sur la manière dont le SDSN pourrait soutenir votre travail. Le document ci-joint (en anglais) fournit un aperçu de la vision et de l'histoire de SDSN ainsi que de nos initiatives phares auxquelles vous et votre organisation pouvez participer. N'hésitez pas à communiquer avec Mme Eve de la Mothe Karoubi (eve.delamothekaroubi@unsdsn.org) à tout moment si vous avez des questions concernant votre adhésion au SDSN.

Veillez agréer l'expression de ma considération distinguée,

Guido Schmidt-Traub
Directeur exécutif
Sustainable Development Solutions Network

2- Has the institution presented at a higher education sustainability conference during the previous year?



Report on Workshop to discuss collaboration between PASET's Regional Scholarship and Innovation Fund and the University Mohammed VI Polytechnic in Morocco to Strengthen Africa's Capacity for the Applied Sciences, Engineering and Technology

Dates: 4-6 September 2019

For more information please contact:

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For PASET RSIF: Dr. Moses Osiru Email: mosiru@icipe.org

1.0 Introduction

In May 2019, The Partnership for skills in Applied Sciences, Engineering and Technology (PASET)¹ represented by Prof. George A.O. Magoha, Cabinet Secretary for Education of the Government of Kenya and Chair of the PASET Governing Council and the Mohamed VI Polytechnic University (UM6P)² (Represented by M. Hicham El Habti, Executive Vice-President of UM6P) signed a Memorandum of Understanding (MoU) to collaborate in broad areas of capacity building, research and innovation in the applied sciences, engineering and technology. The MoU was the first step towards a long-term collaboration between the two parties. The intent of the collaboration was to i) strengthen the quality of the PhD programs in the RSIF Host Universities in SSA countries through sandwich PhD programs offered in the RSIF Host Universities and in UM6P and its ecosystem; ii) facilitate visits of faculty from UM6P for short duration teaching in the RSIF Host Universities; visits of faculty from RSIF Host Universities to UM6P to enhance their capacities for research, innovation and PhD training; iii) undertake collaborative research between faculty of UM6P and faculty of RSIF Host Universities as well as RSIF Scholars who have completed their PhDs in the sandwich programs; and, iv) engage in and support innovation projects in RSIF Host universities aimed to address the needs of SSA countries in the selected thematic areas and, which can involve collaboration with private sector firms or the development of new products and processes.

To support implementation of the MoU, an inaugural workshop was co-organized by Mohamed VI Polytechnic University (UM6P), icipe and the World Bank at the UM6P campus in Benguerir Morocco between 4-6 September 2019. The overall purpose of the workshop was to discuss the implementation arrangements for the recently signed MoU. Specifically, the objectives of the three-day workshop were to:

1. Identify potential areas for collaboration and partnership between the two institutions, including in new research areas;

¹ The Partnership for skills in Applied Sciences, Engineering and Technology (PASET) aims to address systemic gaps in skills and knowledge in Sub-Saharan Africa's priority ASET fields, and to build the capacity of African education and training institutions to train high quality technicians, engineers and scientists to meet the demands of the economy. The Regional Scholarship and Innovation Fund is PASET's flagship program. icipe is the Regional Coordination Unit for RSIF. For more information, please visit www.rsif-paset.org.

² Mohammed VI Polytechnic University is an institution dedicated to research and innovation in Africa and aims to position itself among world-renowned universities in its fields. The University is engaged in economic and human development and puts research and innovation at the forefront of African development. Located in the municipality of Benguerir, in the very heart of the Green City, knowledge, science and technology development is the primary mission of the university. The University seeks to bring forth a new generation of competent African leaders, develop sustainable partnerships, promote research, and share the values of social responsibility and sustainable development. Please visit www.um6p.ma for more information.

2. Identify opportunities for joint research and supervision for PhD students registered at the PASET RSIF African Host Universities to undertake research at UM6P as part of their sandwich training;
3. Deepen understanding of Innovation platforms/ systems and related capacity available at UM6P and identify opportunities for collaboration to strengthen AHU innovation capacity and training;
4. Identify opportunities for exchange of faculty professors and researchers;
5. Discuss how to strengthen partnerships between PASET and the OCP Group (i.e. by joint research & innovation through competitive grants on specific thematic areas of relevance to OCP).

The Workshop was attended by representatives from the eleven AHUs and counterpart research teams from UM6P. Representatives from the World Bank, OCP, and icipe also attended the three-day meeting (See Annex 1 for List of Participants). The workshop was designed to allow the two parties to better understand their respective missions and 'modus operandi' to facilitate partnership building and identification of specific areas and activities for the collaboration. The three-day workshop included facilitated discussions, site visits and breakout sessions. The discussions were arranged based on the five PASET thematic areas of i) food security & agribusiness, ii) climate change, iii) energy including renewables, iv) ICT including artificial intelligence and v) Minerals and Material Science.

This Report provides a summary of the workshop proceedings and highlights the key agreements from the workshop.

2.0 Summary of key activities

2.1 Day 1: Opening ceremony and guided visit to the UM6P campus

- The first day of the workshop began with presentations from UM6P, OCP, the World Bank and *icipe* representatives.
- UM6P and OCP spoke to the vision of establishing a unique pan-African partnership to address the skills gap in ASET fields and providing creative solutions to address African challenges through innovation, collaboration and cutting-edge research through the spirit of partnership.
- The PASET Executive Board Director, Professor Aminata Sall Diallo, reminded the workshop of the need to embark on an ambitious goal to train a critical mass of knowledgeable future science leaders in sub-Saharan Africa (SSA) through thought leadership, innovation and grit.
- Dr. Sajitha Bashir, WB Advisor for Science, Technology and Innovation provided a background presentation on the genesis and ambition of the PASET initiative and its flagship program, the RSIF. Dr. Bashir's presentation offered a historical context for the vision and design of the Regional Scholarship and Innovation Fund which is envisaged to become the only sustainable pan- African Science Fund led by African governments. Dr. Bashir also spoke to the impetus for developing the PASET initiative which is borne out of the need to train a critical mass of technicians, technologists, scientists in order for Africa to adopt, diffuse, and adapt to new technologies sweeping the world.
- Dr. Safaa El-Kogali, WB Education Practice Manager delivered opening remarks on behalf of the World Bank and informed the meeting of the strong support of the Bank leadership for the PASET Program. Dr. El-Kogali's remarks echoed the imperative to strive to lead through collaboration and the World Bank's commitment to the PASET initiative.
- Dr. Moses Osiru, Manager of the RSIF at *icipe* provided grounding in the implementation of the RSIF initiative including the competitive and iterative process involved in selecting universities and doctoral students. Dr. Osiru noted the important need for partnerships to strengthen doctoral education in Africa. He noted that UM6P due to its relationship with OCP has important experience, expertise and lessons to share with RSIF AHUs.

The welcome addresses were followed by presentations from teams across UM6P incl which included details the OCP research collaborations, innovation models and spaces as w foundation.

Guided UM6P campus tour included the following:

1. **Teaching Centre:** This guided tour provided insight into the learning environment av including visits to the digital learning lab, learning centre and E-Tech lab. These facilities: to offer students with spaces to engage in learning as well as faculty members to des for remote learning. The digital learning lab is equipped with a green room and inte produce virtual content for students. The learning centre is a full library and designed t with creative spaces to enhance their learning experience.
2. **Research Centre:** This is a vast space where students, researchers and faculty are encour in theoretical and practical exploration. The UM6P research model is unique in the sen research activities conducted on campus respond to real-time challenges. UM6P is cu in over 200 research projects (65% basic / 35% applied) with the plan of growing expc next few years. The research centre is equipped with tools and technologies fo researchers to participate in basic and applied research.
3. **Incubator:** This is a creative space which offers training in innovation and fosters a spir on campus. The vision of the UM6P incubator is to build a strong community of Africar driving innovative solutions across the continent. This space is also home to the collec team which explores machine learning, cognitive science and design. Innovation ecosy include:
 - a. Pcuriously (iLab): This action-oriented innovation lab is intended to explore, prc innovation services supporting smallholder farmers through the developmen the area of farmer wellbeing, farm sustainability and environmental health.
 - b. IMPULSE: The program is intended to strengthen OCP Group's innovatio contribute to the development of the entrepreneurship and innovation Morocco and Africa. This is a 12-week acceleration program is dedicat to inn in the fields of Ag tech; Mining Tech; Biotech; Materials science & Nanot program offers mentorship and coaching, access to business opportunities, fi as a possible cash prize of \$250,000, access to UM6P infrastructure, study trip 430 m2 co-working space.
 - c. UM6P ventures: This is a venture fund of \$15 million dollars dedicat entrepreneurs and university startups.
4. **Green Energy Park:** This is a vast space which includes innovative laboratories including a and sustainable construction laboratory. Through the smart campus model, UM6P has experiential learning space to explore and test difference techniques for a more sustain example of the learning includes testing the energy interaction of the smart city of tor different communication protocols and smart grids all of which are grounded in the f green energy primary research focus areas; solar photovoltaic, solar thermal, model mobility. The tour concluded with a visit to the student led construction site for the 1: UM6P and IRESEN 'Solar Decathlon Africa'. This is the largest student competitio gathering more than 1000 students from 51 universities in Africa to design and build houses.
5. **Experimental Farm:** The visit to the living laboratory spaces offered insight into the research and experiential learning at UM6P. The philosophy of the living lab is g

3- Does the institution actively participate in a regional, state/provincial, or local higher education sustainability network?

The Mohammed VI Polytechnic University is a founder partner of OTED “OCP Territorial Empowerment & Development” which mission is fostering the emergence of innovative projects responding to specific territorial issues by prioritizing collective intelligence strategies in creating shared values.



TERRITOIRES ET INTELLIGENCE COLLECTIVE

A l'heure de la décentralisation et de la reconfiguration de la gouvernance des Régions, à la création d'ensembles intercommunaux qui deviendront de plus en plus importants, à l'heure où les associations élargissent leur champ d'action, où les moyens se réduisent et où les repères évoluent, l'enjeu du collaboratif, du collectif, est plus que déterminant pour la réussite des territoires.

La capacité des acteurs à se repérer mutuellement, à dialoguer, à faire émerger des idées, à conduire ensemble des actions est plus que jamais une nécessité.

De la co-définition des besoins à la co-création des solutions, la co-construction devient le levier stratégique pour que les différents acteurs soient en mesure d'inventer collectivement des réponses adaptées aux défis des territoires.

Ensemble, les différentes parties prenantes peuvent œuvrer, chacune selon ses compétences et ses capacités, à la résorption des fragilités existantes et à l'édification collective de piliers solides de développement au niveau territorial.





QUI SOMMES NOUS ?

Dans un contexte global où les différents acteurs territoriaux cherchent à redéfinir leurs rôles et à concevoir de nouveaux modèles de développement, OTED, une initiative portée par des volontaires souhaite promouvoir la co-construction de projets territoriaux inclusifs, économiquement viables, socialement équitables et garants de la préservation de l'environnement.

OTED, ambitionne ainsi de participer aux mutations des approches en matière de développement inclusif et durable, en privilégiant l'intelligence collective et la co-construction, leviers stratégiques et incontournables permettant aux acteurs territoriaux de concevoir et d'implémenter collectivement des réponses novatrices adaptées aux défis des territoires.

Cette participation se matérialisera notamment par la création de Laboratoires d'Innovation Territoriale, leviers de mise en œuvre de stratégies d'alliance et d'innovation pour la création d'écosystèmes générateurs de valeur partagée pérenne.

NOS MISSIONS

- Promouvoir de nouveaux modèles de partenariats co-construits autour de dynamiques territoriales.
- Offrir des outils et plateformes de co-construction en faveur des acteurs territoriaux.
- Offrir des formations dédiées, des ressources en knowledge management et partager expériences et success stories

PRINCIPES D'ACTION

Intelligence collective et approche systémique
Pluridisciplinarité et crowdsourcing
Formation et Recherche-action
Innovation et Empowerment

PARTENAIRES




PARTENAIRES FONDATEURS



PARTENAIRES



4- Has the institution had employees or students serving on a board or committee of a sustainability network or conference during the previous three years?

Prof. Fatima Driouech had Co-chaired the opening panel on climate monitoring in Geneve (April 2018)

