

GENERAL

Replication Seminar on Sustainable Development

29 July 2021

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KUANTAN, 27 July 2021 - MYSUN-UMP, one of the partners under an international grant co-funded by Erasmus+ Programme of European Union via a project known as Malaysia Sustainable University Campus Network (MYSUN), successfully organised a replication seminar based on training for trainers (TOT) of MYSUN project.

The seminar kicked off with a soft launch event to officiate the establishment of a sustainable office (SO) at Universiti Malaysia Pahang (UMP) named *Unit Lestari*, a unit operated under the Centre for Property Management and Development (PPH) based on the approval by the UMP top management on 9 February 2021.

Co-funded by the Erasmus+ Programme of the European Union

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Malaysia Sustainable University Campus Network
MYSUN GRANT : #G09969-EPP-1-2019-1-MY-EPPKA2-CBHE-5

TOT 1: WEBINAR
Sustainable Development
UMP
Road to Sustainable Campus

27 July 2021
1100 am

<https://zoom.us/j/8969001706?pwd=SUNIN0t4QmtGTXdGbHIBT2dRTFFrUT09>

UNIT LESTARI UMP
Assoe Prof Ts Dr Mohd Ruslim Mohamed
Assoe Prof Ts Dr Hamzah Ahmad
Ts Mohd Nurul Akla Mohd Azlan
Mr Saharudin Ramli

UNIVERSITI MALAYSIA PAHANG
FACULTY PEMBANGUNAN DAN PENGURUSAN HARTA

The establishment of *Unit Lestari* is an important milestone to represent UMP commitment towards becoming a sustainable campus.

The replication seminar, originally targeted for a small, engaging process with stakeholders, reached beyond the target as more than 150 participants joined the seminar.

This online seminar successfully reached the objective to introduce the networks to stakeholders and focused on UMP initiatives towards a sustainable campus.

Associate Professor Ts. Dr. Mohd Ruslim Mohamed, the team leader of MYSUN-UMP, officiated the seminar by introducing the grant under a Capacity Building Higher Education (CBHE), co-funded by Erasmus+ Programme of European Union and enlightening the ongoing activities as well as future planning under the MYSUN research grant.

Ts. Mohd Nurul Akla Mohd Azlan, also a grant member of MYSUN-UMP, a senior electrical engineer and registered electrical energy manager (REEM), who stationed at the newly established Unit Lestari, started the main event by sharing his experiences on the initiatives and presented various programmes in making UMP a sustainable campus. The programmes consist of green technology initiatives, environmental preservation and conservation activities, and sustainability challenges within the UMP environment concerning the physical development, landscape and cultures.

Also present during the seminar were the Chairman of UMP Board of Directors, Tan Sri Dato' Sri Dr. Abdul Aziz Abdul Rahman and UMP Deputy Vice-Chancellor (Academic and International), Professor Ts. Dr. Rosli Hainin.

Recording

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TREES PLANTING BENEFITS

- 1. AMELIORATE CLIMATE CHANGE**
0.4 hectares of land can absorb equal amount of CO₂ produced by one car traveling a distance of 41,947 km
- 2. CONSERVE ENERGY CONSUMPTION**
Placing 3 trees around a single-family home can cut summer air conditioning needs by up to 10 percent.
- 3. PROVIDE OXYGEN AND CLEAN THE AIR**
Trees absorb CO₂ and release O₂. (0.4 hectare of mature trees can provide enough oxygen for 18 people) absorb pollutants and filter particulates from the air.
- 4. PREVENT WATER POLLUTION**
Trees also absorb and degrade pollutants and contaminants through green and sustainable process called phytoremediation. Large trees can clean the environment with a net annual uptake capacity of about 1.2 kg of air pollutants.
- 5. PROVIDE SHADES TO COOL THE ENVIRONMENT**
Trees cool the city from "urban heat islands" by absorbing CO₂, shading city environment from direct sunlight through its canopy and releasing moisture to the environment through evapotranspiration process.
- 6. SOCIO-ECONOMIC BENEFITS**
Provide aesthetic, reduce stress and fatigue, provide therapeutic effect and reduce crime within urban environment. Trees also generate income to the community.
- 7. HABITAT FOR WILDLIFE**
Trees provide shelter and food for wildlife and enhance diversity, create healthy and stable ecosystem.

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of the European Union

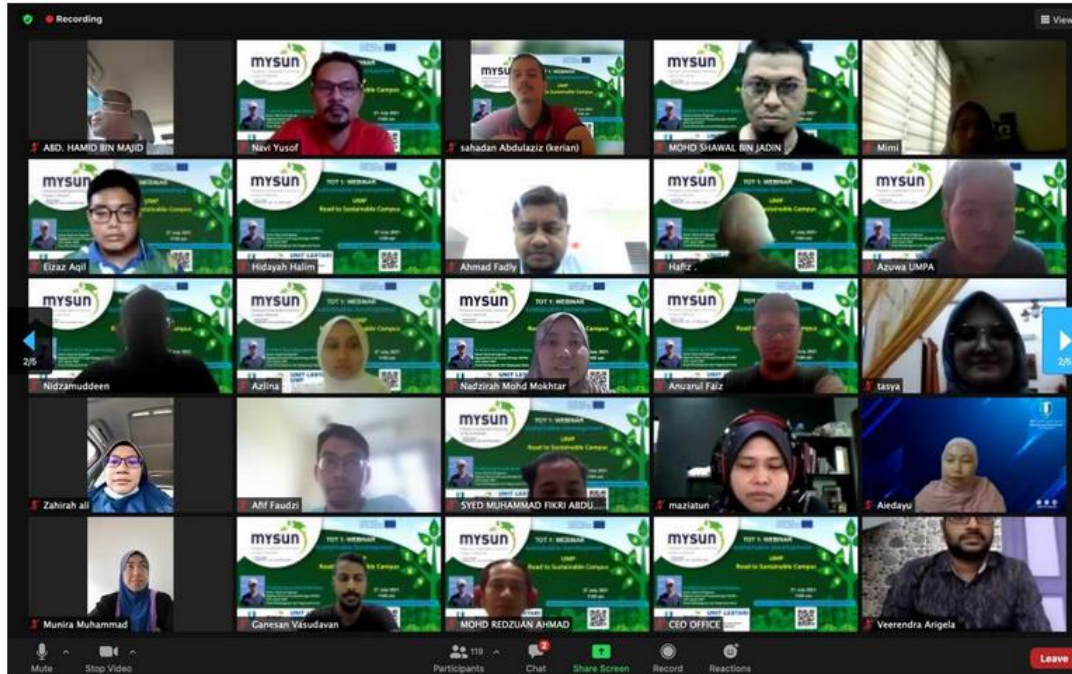
Abdul aziz Rahman

The presence of the UMP top management in the seminar reflected the commitment of UMP for the continuous support to organise research, programmes and activities to ensure UMP will be recognised as a sustainable campus.

Tan Sri Dato' Sri Dr. Abdul Aziz Abdul Rahman congratulated the MYSUN-UMP team for organising the webinar and mentioned this event should be cultivated further to increase awareness among UMP staff and students.

Tan Sri Aziz also suggested a few initiatives for the team to consider to include in the sustainable plan and affirmed UMP commitment towards achieving the target of a sustainable campus.

The suggestion, among others, is leveraging campus design to install more solar-powered on the rooftop of UMP building and utilising UMP lakes for more sustainable development activities.



Besides, Professor Ts. Dr Rosli Hainin suggested that the team consider looking for possibilities to install a mini wind turbine to harvest natural energy and use the Green University Index in the planning.

The engagement session attracted many interests and suggestions among the stakeholders, and some proposed their interest in further collaboration towards the UMP sustainability plan.

It was indeed a great and insightful session for everyone.

UMP, Road to Sustainable Campus!

TAGS / KEYWORDS

[MYSUN](#)