



Strengthening Synergies



MKCF 2017 Project, Capacity Enhancement on Wind Energy Usage for Sustainable Rural Development in Myanmar

Yangon Technological University and May 10, 2022

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Project Goal



MKCF Myanmar Project Launch: March 14, 2018

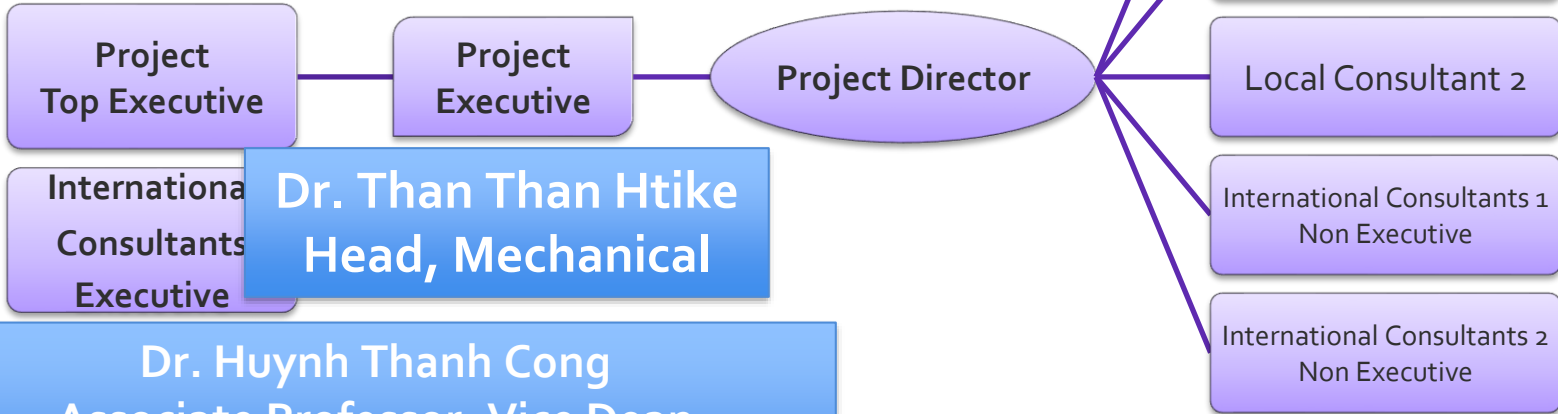


Dr. Khin Than Yu
Pro-Rector
Yangon Technological University



Organization of Project Members

To contribute partly in promoting **sustainable energy** as a means of fulfilling energy demand to speed up economic reform and to promote livelihood of rural populations in **remote areas**.



Project Top Executive
International Consultants Executive
Dr. Than Than Htike
Head, Mechanical

Dr. Huynh Thanh Cong
Associate Professor, Vice Dean
Ho Chi Minh City University of Technology

Activities (1st Facial Year)



1 Formation of PWG and TWG, Curriculum and Wind Energy Map

- 1.1 Formation **Project Working Group** and **Technology Working Group**
- 1.2 Develop Curriculum for the Training on Wind Energy
- 1.3 Literature Survey on Meteorological Conditions and Status of Current Wind Energy in Myanmar Energy

2 Design of Horizontal Axis Wind Turbine, Wind Turbine Setup

- 2.1 Design and Planning Of Laboratory-scale Horizontal Axis Wind Turbine
- 2.2 Procurement of Components, Equipment and Tools
- 2.3 Hold Project Mid-term Meeting
- 2.4 Manufacturing and Assembling of Wind Turbine
- 2.5 Performance Testing and Evaluation of Wind Turbine
- 2.6 Computer Program, Design and Maintenance Guidelines



02

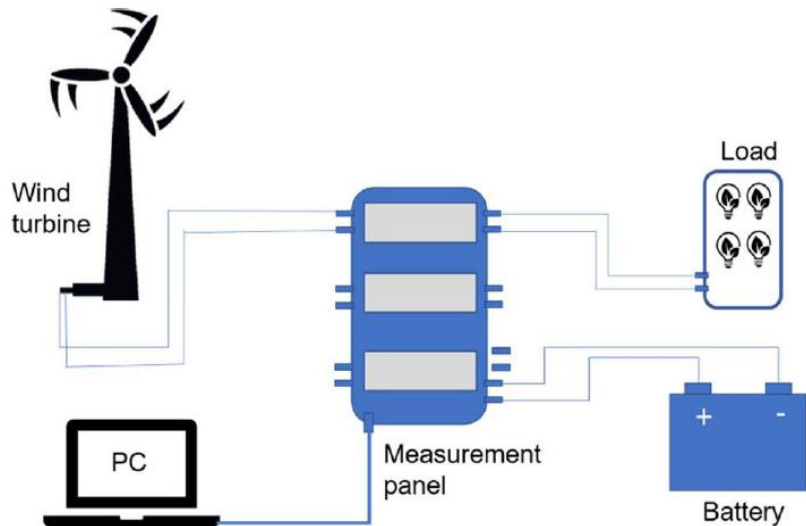
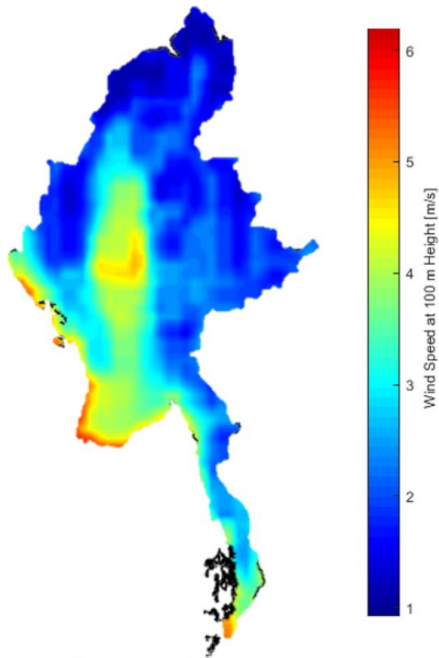
Completed Activities



MKCF 2017 Project, Capacity Enhancement on Wind Energy Usage for Sustainable Rural Development in Myanmar

Completed Activities

Mean Wind Speed From 2010 to 2017



Measurement setup for performance test of wind turbine

1.3 Literature Survey on Meteorological Conditions and Status of Current Wind Energy

2.2 Design and Manufacturing of Horizontal Axis Wind Turbine
2.5 Preliminary Results from Field Test



03

Future Activities

Activities (2nd Facial Year)



3 Knowledge and Skill on Wind Energy and Wind Turbines

3.1 Deliver Training On Renewable and Wind Energy, Site Assessment, Design Of Horizontal Axis Wind Turbine

3.2 Deliver Hands-on Training on Manufacturing, Assembly, Performance Evaluation of Wind Turbine

3.3 Site Excursion

4 Common Regional issues and challenges and further collaborative strategy. Final project report

4.1 Identification of Common Regional Issues and Challenges

4.2 Hold Project Closing Activity and Prepare Final Report

Activities



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Thank you