

File no: MTU/IIC/2 21-2022

Date: 07-07-2022

## **A Detailed report on Webinar for Bamboo Carbon Fixation and Carbon Credit**

**Session name:** Bamboo Carbon Fixation and carbon Credit.

**Session date & time:** 24<sup>th</sup> June, 2022, 10:30 am to 1:30 pm.

**Session Chair:**

2. [Taiwan Chair]

Dr. Shau-Chun Wang  
Department of Chemistry  
And Biotechnology  
National Chung Cheng University, Taiwan

1. [India Chair]

Mr. Kamesh Salam  
Bamboo Value Chain Management Expert,  
Founder and Executive Director,  
South Asia Bamboo Foundation  
India

**Keynote Speakers:**

1. Dr. Shyam K. Paudel

Chief Technical Adviser  
Ecosystem based Adaptation [EbA]  
UN Environment | Lao PDR  
Canada

2. Dr. Shitephen Wang

Research Fellow,  
Kyoto University  
Japan

4. Mr. Marc Alfons M PEETERS

Director, BAMBU NUSA VERDE [BNV]  
Indonesia

3. Dr. Lokesh Chandra Dube

Senior Manager  
The Gold Standard Foundation  
India

5. Dr. Yi-Hsiang Chen

R&D Deputy General Manager  
Far-East Bio-Tech  
Taiwan

**Panellist:**

1. Marco Piazza

Forestry Officer, Food and Agriculture  
Organisation of United Nations  
Italy

2. Dr. Chih-Lu Wu

Research Fellow  
National Chung Cheng University  
Taiwan

3. Hal Hinkle

CEO, Bamcore  
USA

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### Topics Discussed:

1. Need for carbon craving to be solved by Bamboo Community in order for Bamboo Community to get benefit from carbon market.
2. Promote bamboo plantation to combat climate change.
3. Production of bamboo saplings using tissue culture.
4. Rehabilitation of wastelands using bamboo.
5. Bamboo being able to produce 30% more oxygen than trees per hectare.
6. Bio-application of microalgae on CO<sub>2</sub> fixation with bamboo bio-char.
7. Net Ecosystem Production (NEP) in bamboo forest.
8. Future of bamboo in carbon market.
9. Relation between bamboo and buildings.



2022 Taiwan-India/Global Bamboo Tech Forum- Series 2

## Bamboo Carbon Fixation and Carbon Credit

Forum Date: 2022.06.24 ( Fri. )  
10:30~13:30 IST 13:00~16:00 CST

**[ Taiwan Chair ]**  
Dr. Shau-Chun Wang  
Department of Chemistry and Biochemistry  
National Chung Cheng University  
Taiwan

**[ India Chair ]**  
Mr. Kamesh Salam  
Bamboo Value Chain Management Expert,  
Founder and Executive Director,  
South Asia Bamboo Foundation  
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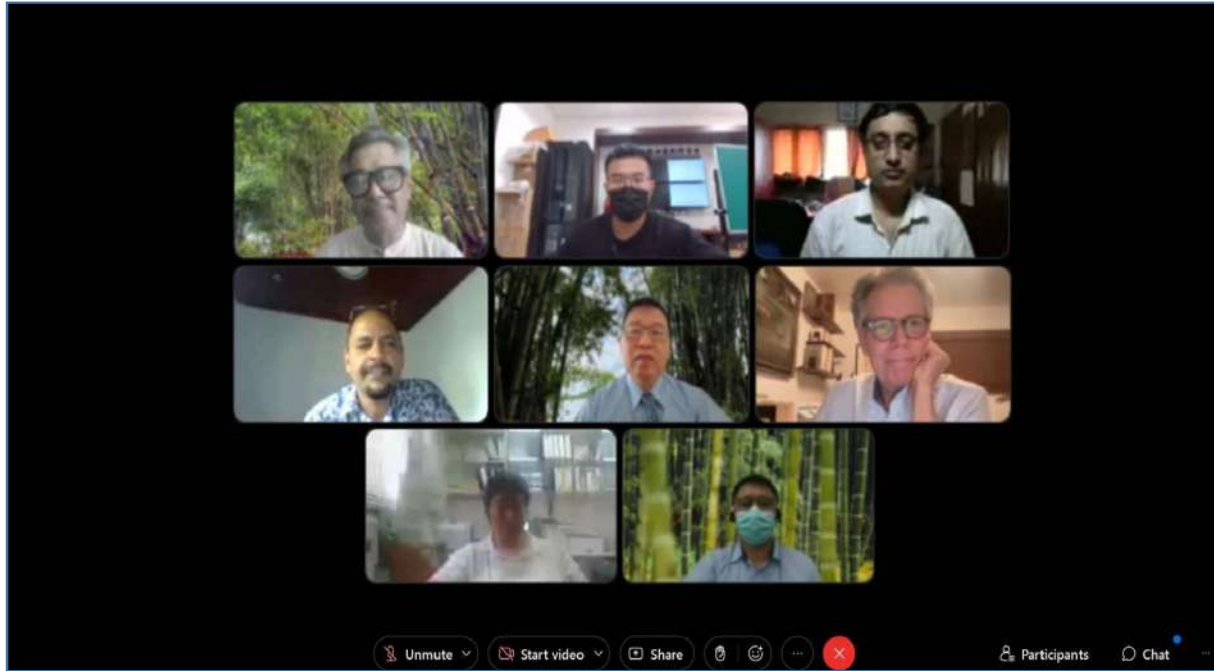
**Dr. Chih-Lu Wu**  
Research Fellow, National  
Chung Cheng University  
Taiwan

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President  
IIC MTU