

Workshop on Circular Systems Innovation for Plastic Waste

1-2 November 2022

Novotel Bangkok on Siam Square
Bangkok, Thailand



About the Workshop

Plastics have become an important part of our daily life. Today globally there are around 8.3 billion tonnes of plastic, out of which 6.3 are waste. Inevitably, this poses a challenge to the environment and natural resources. Getting rid of plastic waste or recycling or upcycling it into something useful is a challenging task which requires the involvement of all sectors of society.

In this interactive workshop we will hear from key experts the challenges and innovations pertaining to circular and sustainable plastic waste management. The event is open to all wishing to contribute to this area of sustainable development irrespective of backgrounds and professions.

The event will be conducted in English with the full agenda to be published by October 22.

Focus Areas:

- Circular economy for plastics
- Closing the loop on plastic waste
- Sustainable materials & manufacturing
- Plastic waste recycling & upcycling innovations
- Plastic waste policies & societal acceptance

Why Join Us?

- Enhanced understanding of the interdisciplinarity of the plastic waste challenge
- Improved relevant knowledge and expertise both regionally and globally
- Meet and interact with international experts from many parts of the world
- Knowledge sharing
- Partnership building

For more information, please contact
event@normnorm.com

The event is a hybrid one with the on-site capacity limited to 50 attendees only. Priority for on-site participation will be given to the earliest registrants.



Register at:
<https://bit.ly/3C8SHy8>

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Agenda

Day 1: November 1, 2022

- 8.30-9.00 Registration
- 9.00-9.30 **'Make and Dispose' to 'Circular Economy' for Human Well-being**
Prof. Joyashree Roy, Director, SMARTS/SERD Centre, AIT
- 9.30-10.00 **Closing the Loop on Polyurethane Foam from Used Mattresses and Beyond**
Nophol Techaphangam, Founder & CEO, norrnorn, Thailand
- 10.00-10.30 **Transforming P2G Plastic Waste into Housing Products in Nepal**
Dr. Curie Park, Research Associate, Centre for Industrial Sustainability, Institute for Manufacturing, Cambridge University, UK
- 10.30-11.00 Coffee Break
- 11.00-11.30 **Innovations in Plastic Waste Management: The Need for Circular Economy Push**
Prof. Chettiyappan Visvanathan, Department of Energy, Environment and Climate Change, AIT
- 11.30-12.30 **Panel Discussion**
- 12.30-14.00 Lunch Break
- 14.00 -14.30 **Bioretransformation Technology for Biodegradable Polyolefin Plastics**
Celine Moreira, New Product Development Manager, Polymateria, UK
- 14.30-15.00 **Circular Plastics Economy** [To be confirmed]
Prof. Dr.-Ing. Matthias Franke, Fraunhofer UMSICHT, Germany
- 15.00-15.30 **Advanced Pyrolysis for Plastic Waste** [To be confirmed]
Christian Haupts, Managing Partner, Carboliq, Germany
- 15.30-16.30 Networking Coffee

Day 2: November 2, 2022

- 8.30-9.00 Registration
- 9.00-9.30 **Dead Plastics as Contemporary Furniture**
Nano Morante, Co-Founder, PLASTICPeople, Vietnam
- 9.30-10.00 **Plastic Waste Policies & Societal Acceptance**
Chaiya Boonchit, Senior Environmentalist, Waste and Hazardous Substances Management Division, Pollution Control Department, Ministry of Natural Resources and Environment, Thailand
- 10.00-10.30 **Community-based Recycling in Thailand: Opportunities and Challenges**
Dominic Chakrabongse, Director, Precious Plastic Bangkok, Thailand
- 10.30-11.00 Coffee Break
- 11.00-12.00 **Panel Discussion**
- 12.00-12.30 **Closing Remarks**
Prof. Abdul Salam, Professor and Chair, Sustainable Energy Transition Programme, AIT
- 12.30-14.00 Lunch Break
- 14.00 -17.00 **IDEathon: How to add values to green polymers from polyurethane foam recycling**