

STEAM Platform: Asian Hub for Knowledge, Skills, Reserach and Partnership for Sustainability

December 2021



We are facing unprecedented climate crisis

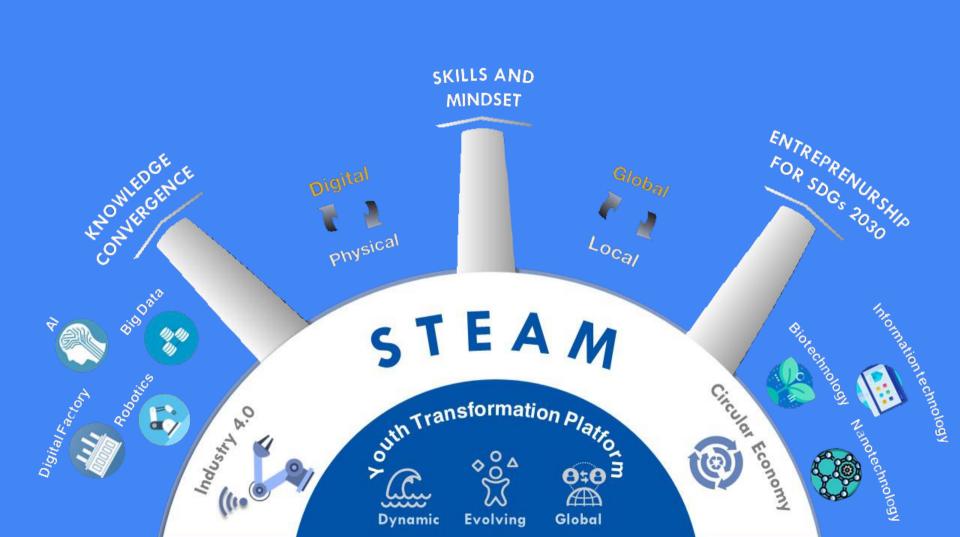
The developing world is much less equipped to cope with this crisis.

Knowledge, Partnership, and Entrepreneurship are the key

Leadership and Youth are critical

to Drive Transformation





STEAM Platform Methodology

Knowledge

Professional,
Peer to
Peer training by
global & local
experts



Skills

Team based workshop with Personalized mentorship



Entrepreneurship

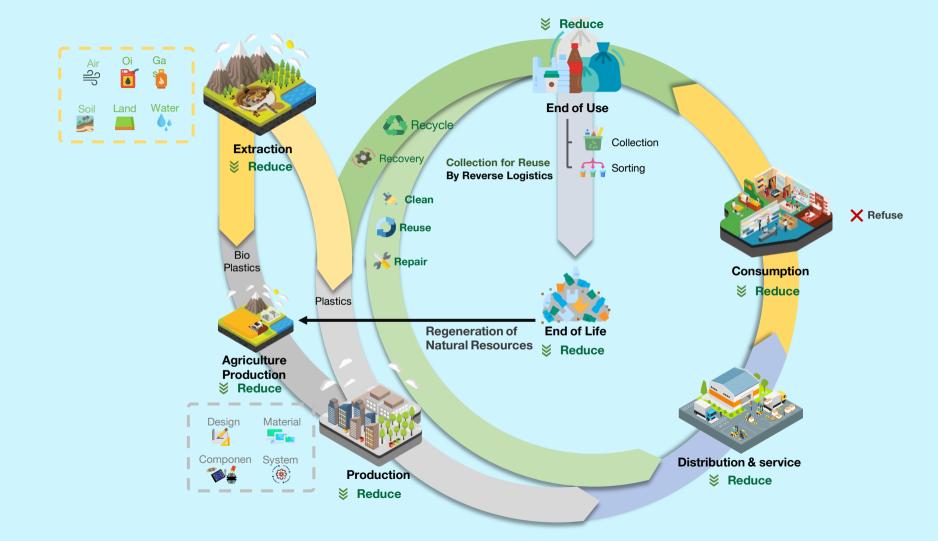
Engagement with our local and global Partners



Smart Management

Data-driven
Content & trainee
management





Institutional Program *GEM Module*

GEN352- Technology & Innovation for Sustainability



- Circular Economy (LCA, Waste management, Supply chain, Food/Agriculture, Materiols, Energy and EcoDesign)
- Industry 4.0 (Advanced Robotics, Digital Factory, IoT, Al, Data
- SDGs 2030
- Critical Thinking
- Communications
- Leadership

- Supply Chain Management for Sustainability
- Business Model Design with Priniples of Sustainability and Circular Economy
- Impact on SDGs

Assessment

- Class Participation (20%)
- Mid Term Assessment (40%)

 Infographics communication of patented Innovations from KMUTT
- Final Project (40%) Business Model Design and Impact Strategy for Circular Economy and SDGs2030

Key Features



Life Cycle Thinking



 Novel Business Model Design based on Sustainability and Circular Economy Principles

Discussing Application and Implication of Industry 4.0

 Cutting Edge Technology and Global Trends

Peer to Peer Learning

Value Chain and Supply Chain Analysis























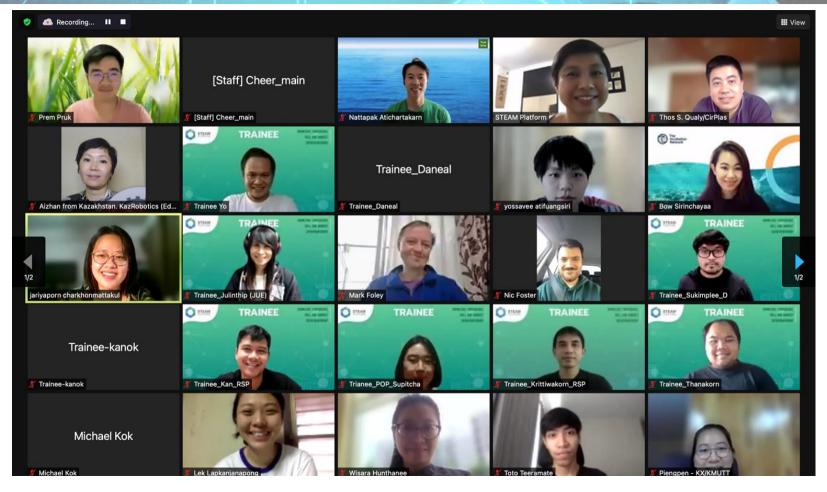




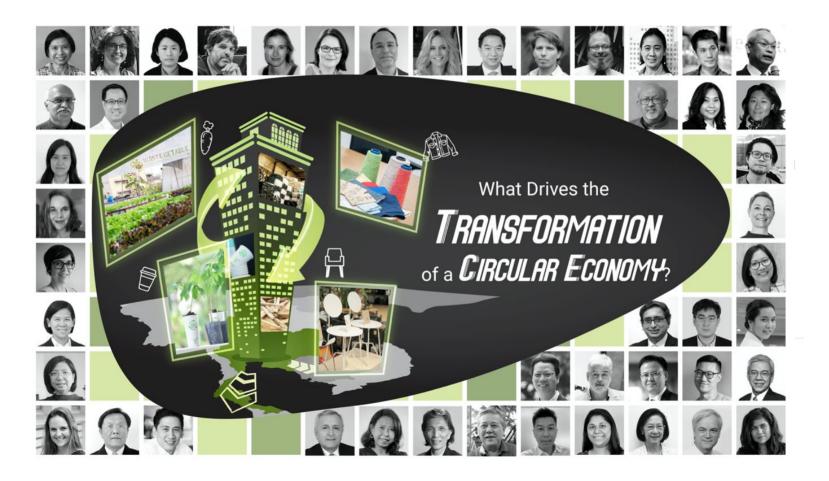


Training Program (Physical & Digital) Innovation & Entrepreneurship

Strategic Communication Training Program 2021



Circular Economy Leadership & Partnership Summit 2021



Circular Economy Value Chain Local & Global Leadership Practices

Circular Economy Value-Chain-Training



ELIMINATING PLASTIC WASTE: MEET THE THAILAND PLASTIC WASTE GHOSTBUSTERS





Sun 17 Oct 2021 13:00 - 14:10

(Bangkok Timezone, GMT+7)



Sirinchayaa Preechapatsakool Ecosystem Consultant - Thailand



Nattapak Atichartakarn CEO & Co-Founder, Trash Lucky



Prem Pruktayanon CEO, Green2Get company limited



Thosaphol Suppametheekulwat CEO & Co-Founder, CirPlas Tech/Qualy Design



Webinar
REGISTER at www.steamplatform.org

PLASTICS CIRCULAR ECONOMY HEROS: INNOVATION FOR ADDING VALUE TO PLASTIC WASTE







Fri 26 Nov 2021 10:00 - 11:30

(Bangkok Timezone, GMT+7)



Lerwen LIU (moderator)
Director
STEAM Platform & NanoGlobe Pte Ltd



Sandhya Dovedy
Program Manager
Network Development SecondMuse



Woraporn Poonyakanok Senior Research Engineer RISC, Thailand



Ludovick Bernier-Michaud Founder Recyco & Ludovintage, Canada



James Baker Senior Circular Economy Specialist Asian Development Bank



Nicholas Foster Operations Manager IQ Energy Australia



Veena Sahajwalla
Laureate Professor
The University of New South Wales



Lili ZHANG
Senior Scientist
A*STAR, Singapore

Webinar REGISTER at www.steamplatform.org



Emerging Advanced Technologies Deep-tech Driven Innovations

Technology Analysis-Training

It is a **systematic process** to research innovative technology to ascertain its competitive advantage, and market penetration potential, and potential deployment



(Problem Statement)



(What is your solution for the problem identified?)



HOW

(What does your innovation contain and how will you address the issue?)



IMPACT

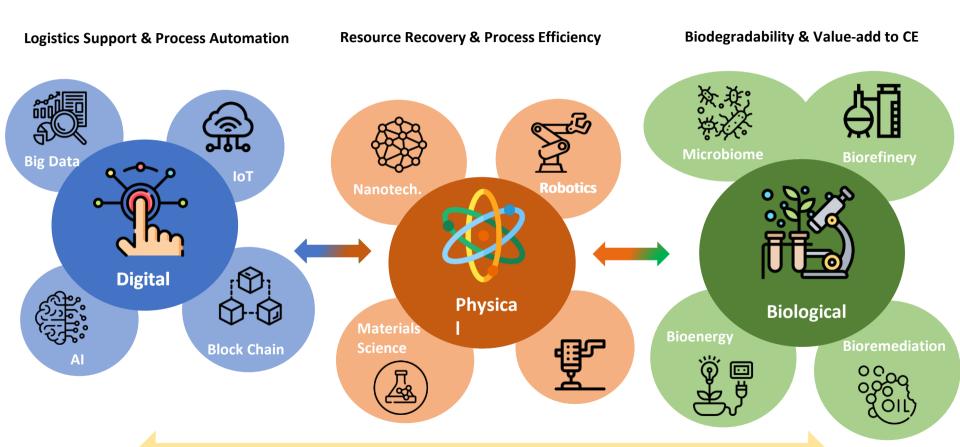
(What is your business model and what's is the impact of your solution?)



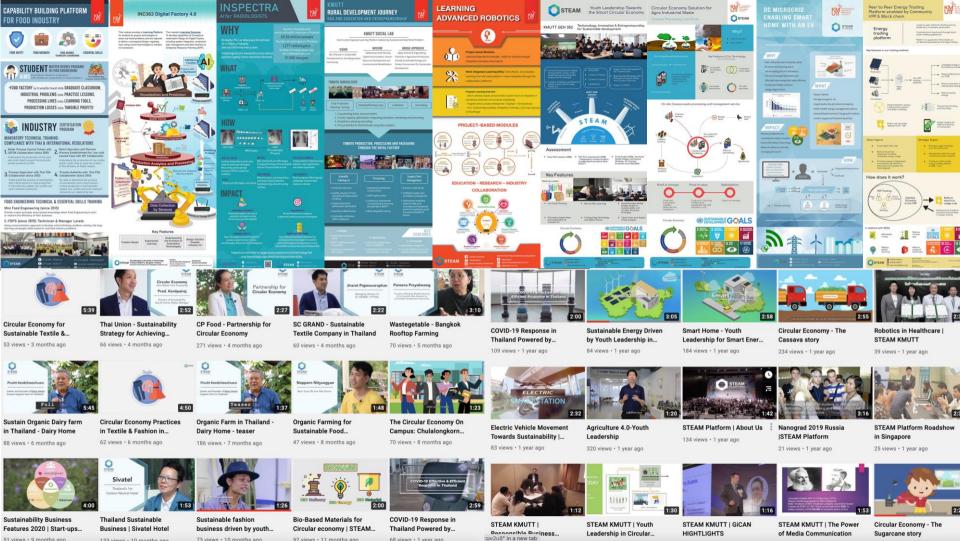
SUSTAINABILITY

(Does your solution enable circular economy, and which of the SDGs 2030 are you contributing towards?)

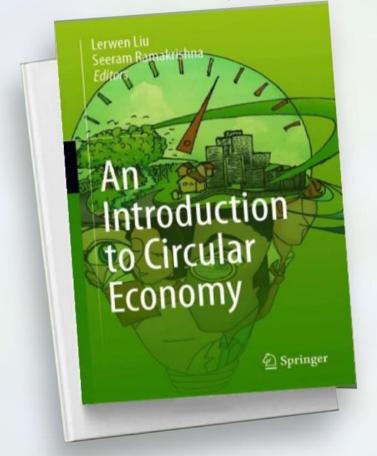
Role of Enabling Technologies in Circular Economy Transition

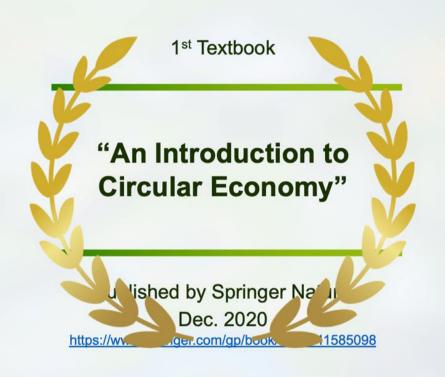


Life Cycle Assessment and Materials Flow Analysis



Springer Nature's China New Development Award 2021



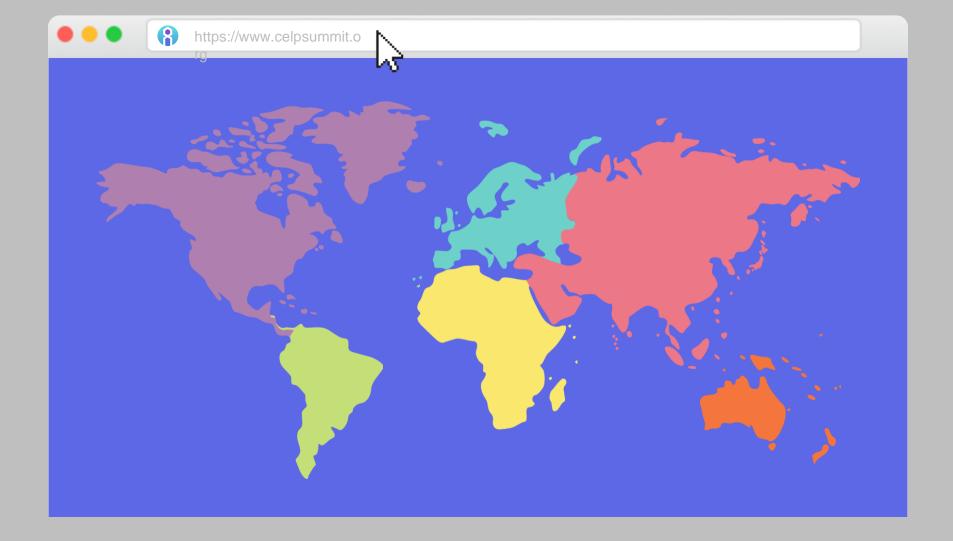


Next Step Global Partnership



Circular Economy Knowledge Hub

Provide you Resources and Connections
Build Partnerships
Implement Solutions



THANK YOU





Circular Economy Leadership Platform for Accelerating the Circular Economy

Transformation Towards Sustainability

Join us







