

# Programme book

## ASIAN CIRCULAR ECONOMY LEADERSHIP ACADEMY



3<sup>rd</sup> - 8<sup>th</sup> December 2018  
Chulalongkorn University  
Bangkok, Thailand

Co-hosted by

# About The Programme



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## **Asian Circular Economy Leadership Academy**

### **Hosted by The UN Environment and Chulalongkorn University**

#### **Background**

Consumption patterns are changing rapidly in the Asia-Pacific region. While this has been an economic growth success story, it has come at an environmental cost: high resource use, fast growing greenhouse gas emissions, and rising amounts of plastic waste. Living in the era of consumerism that encourages the purchase of goods and services in ever-greater amounts has led to unsustainable consumption and production patterns, hence leading to the resource scarcity and waste and pollution problems. Only resource efficient, cleaner and safer production, and sustainable consumption can address a broader spectrum of the Sustainable Development by responding to basic needs and bring a better quality of life while minimizing the use of natural resources and toxic materials as well as the emissions of waste and pollutants over the life cycle of the service or product so as not to jeopardize the needs of future generations. Sustainable Consumption and production (SCP) aims at “doing better with less.” SCP is a holistic approach to minimizing the negative environmental impacts from consumption and production systems while promoting quality of life for all. This holistic nature of SCP hence complements resource efficiency by reducing resource use, degradation and pollution along the whole lifecycle, utilizing waste as resources, and hence moving towards Circular Economy (CE).

For CE to be realized, it is important to involve all stakeholders such as policy makers, industries, researchers and more importantly the entire supply chain involving producers (business) to final consumers, among others. Engaging these stakeholders is possible through awareness-raising and education on CE. This approach goes hand in hand, and requires joint efforts of different stakeholders for its full realization. Thus, the producers and manufacturers need to understand and avail the technologies, practices, and approaches that lead to resource efficient, cleaner and safer production. Similarly, the consumers need to learn how to make sustainable lifestyle choices, consuming better and more responsibly. In addition, the policy makers need to facilitate the CE through enabling policy environment integrating both production and consumption initiatives. Researchers need to contribute towards scientific, technological and innovative capacities to move towards more sustainable patterns. Therefore, educating these different state and non-state actors on various aspects of CE through training, and formal education is essential.

The Asian Circular Economy Leadership Academy aims to improve the knowledge of young professionals from public sector, private sector and civil society organizations who can contribute to the design and implementation of innovative solutions for policies, business models, technologies, financing mechanisms and practices that promote sustainable consumption and production for climate change, energy efficiency, waste management and poverty alleviation. It is supported under the EU funded SWITCH-Asia Regional Policy Advocacy Component.



SWITCH-Asia II Regional Policy Advocacy aims to strengthen the dialogue at regional, sub-regional and national policies on Sustainable Consumption and Production in selected Asian countries, thereby contributing to green growth and poverty reduction.



To brings together governments leaders, experts, private sector and civil society organizations in a series of events focused on a demand driven shift to greener products and services, and a resource efficient Asia.



## Committees

### Steering Committee:

|   |  |
|---|--|
| Asst. Prof. Dr. Somporn Kamolsiripichaiporn | Office of Research Affairs, Chulalongkorn University, Thailand   |
| Dr. Mushtaq Memon                           | UN Environment, SWITCH-Asia Regional Policy Advocacy team leader |

### Academic committee:

|                                      |   |
|--------------------------------------|---|
| Prof. Dr. Wanida Jinsart             | Department of Environmental Science, Faculty of Science, Chulalongkorn University, Thailand   |
| Prof. Dr. Chettiyappan Visvanathan   | Environmental Engineering Program, School of Environment, Resources and Development, Asian Institute of Technology, Bangkok, Thailand |
| Ms. Wisuttinee Sangpradab            | Knowledge Network Institute of Thailand   |
| Ms. Archana Datta                    | Quality Forum, Federation of Indian Chambers of Commerce and Industry, India  |
| Mr. Maik Fuellmann                   | TRIS Corporation Limited  |
| Prof. Dr. Shun Fung Chiu (Anthony)   | De La Salle University, Philippines   |
| Prof. Dr. Muhammad Irfan Khan        | Environmental Department, International Islamic University, Islamabad, Pakistan   |
| Prof. Dr. Orathai Chavalparit        | Department of Environmental Engineering, Faculty of Engineering, Chulalongkorn University, Thailand                                   |
| Ms. Ha Nguyen                        | Environment and Development Research Cluster, Stockholm Environment Institute-Asia Centre   |
| Dr. Pongsun Bunditsakulchai          | Transportation Institute, Chulalongkorn University  |
| Asst. Prof. Dr. Ritika Mahajan       | Department of Business and Sustainability, TERI School of Advanced Studies  |
| Asst. Prof. Niyada Kiatying-Angsulee | Faculty of Pharmaceutical Sciences, Chulalongkorn University  |
| Mr. Li Jinhui                        | School of Environment, Tsinghua University  |
| Assoc. Prof. WANG Tao                | Circular Economy Research Institute, Tongji University  |
| Prof. Dr. Manipadma Datta            | Department of Business and Sustainability, TERI School of Advanced Studies  |
| Ms. Janet Salem                      | UN Environment Programme, Asia and the Pacific Office   |

## Programme objectives

### Strategic objective

To improve the knowledge of young professionals from public sector, private sector and civil society organizations who can contribute to the design and implementation of innovative solutions for policies, business models, technologies, financing mechanisms and practices that promote Circular Economy.

### Specific Objectives

- **Assist future decision-makers from developing countries** and countries with economies in transition to respond better in the growing needs to mainstream Sustainable Consumption and Production and Circular Economy by raising their knowledge in this field.
- **Enhance the capacity** level of junior governmental professionals from developing countries to work with projects that promote Sustainable Consumption and Production and Circular Economy.
- To increase the understanding of the need for - and challenges to - implementation of Circular Economy in different sectors and thereby enable participants to effectively engage with and contribute to mainstreaming and upscaling of Sustainable Consumption and Production and Circular Economy through their daily management practices.
- Create networks of junior professionals from developing and industrialised countries and thus promoting **North-South and South-South cooperation mechanisms** in the field of Circular Economy.
- To provide **credible knowledge on Circular Economy to post-graduate students** and equip them with skills that can support their research and professional activities.

## Learning Benefits

The programme offers practical knowledge based on experts' experience. Participants will explore the Circular Economy strategies and will have opportunities to create network among groups of people with shared interests. After the completion of the course participants will be able to:

1. Clearly **understand what Circular Economy is** and how it contributes to sustainable development, poverty alleviation and sustainable livelihoods (and the relative contributions by different socio-economic sectors, geo-political countries, etc.)
2. Know how to **use alternative policy instruments, strategy options and institutional arrangements** (including networks) for achieving resource efficiency and its subsequent development, climate and environmental conservation outcomes (e.g. regulatory, market based, information, etc. instruments in environment, industry, technology, education, training and other policy domains).
3. Developing **analytical, advocacy and implementation capabilities and skills** as appropriate to the backgrounds and interests of participants
4. Have a better understanding and appreciation of the different perspectives and interests of various stakeholders as these are affected by, and could potentially contribute to, Circular Economy and its development.

# Programme Schedule



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Programme Schedule

3<sup>rd</sup> – 8<sup>th</sup> December

## Programme Schedule

Venue: Room 306 - Smart Classroom, 3<sup>th</sup> Floor, Mahamakut Building, Faculty of Science, Chulalongkorn University

| Monday 3 <sup>rd</sup> December 2018    |  |
|---|--|
| 17.00                                   | Meeting at CU-iHouse Lobby                                   |
| 17.30-18.00                             | Registration   |
| 18.00-18.30                             | Open Ceremony  |
| 18.30-19.30                             | Welcome dinner and participant introduction at Thai Pavilion |
| Tuesday 4 <sup>th</sup> December 2018   |  |
| 09.00-11.00                             | Module A: Introduction to Circular Economy                   |
| 11.00-11.15                             | Break  |
| 11.15-12.30                             | Module A: Introduction to Circular Economy                   |
| 12.30-13.30                             | Lunch  |
| 13.30-15.10                             | Module A: Introduction to Circular Economy                   |
| 15.10-15.30                             | Q&A  |
| 15.30-15.45                             | Break  |
| 15.45-17.30                             | Module A: Introduction to Circular Economy                   |
| Wednesday 5 <sup>th</sup> December 2018 |  |
| 08.30-10.45                             | Module B: Innovation and technology                          |
| 10.45-11.00                             | Q&A  |
| 11.00-11.15                             | Break  |
| 11.15-12.10                             | Module B: Innovation and technology                          |
| 12.10-12.30                             | Morning quiz   |
| 12.30-13.30                             | Lunch  |
| 13.30-15.30                             | Task   |
| 15.30-15.45                             | Break  |
| 15.45-17.30                             | Discussion   |
| Thursday 6 <sup>th</sup> December 2018  |  |
| 09.00-09.15                             | Morning quiz   |
| 09.15-11.00                             | Module C: Finance  |
| 11.00-11.15                             | Break  |
| 11.15-12.10                             | Module C: Finance  |
| 12.10-12.30                             | Q&A  |
| 12.30-13.30                             | Lunch  |
| 13.30-15.30                             | Task   |
| 15.30-15.45                             | Break  |
| 15.45-17.30                             | Discussion   |
| Friday 7 <sup>th</sup> December 2018    |  |
| 09.00-09.15                             | Morning quiz   |
| 09.15-10.45                             | Module D: Policies   |
| 10.45-11.00                             | Q&A  |
| 11.00-11.15                             | Break  |
| 11.15-12.30                             | Task   |
| 12.30-13.30                             | Lunch  |
| 13.30-15.10                             | Module E: Business models                                    |

|  |  |
|--|--|
| 15.10-15.30                            | Q&A  |
| 15.30-15.45                            | Break  |
| 15.45-17.30                            | Task   |
| Saturday 8 <sup>th</sup> December 2018 |  |
| 09.00-09.15                            | Morning quiz                                   |
| 09.15-11.00                            | Module F: Behavioural Change and Communication |
| 11.00-11.15                            | Break  |
| 11.15-12.30                            | Module F: Behavioural Change and Communication |
| 12.30-13.30                            | Lunch  |
| 13.30-15.30                            | Module F: Behavioural Change and Communication |
| 15.30-15.45                            | Break  |
| 15.45-16.40                            | Debate   |
| 16.40-17.00                            | Individual reflection to the programme         |
| 17.00-17.30                            | Certificate Ceremony                           |

The Asian Circular Economy Leadership Academy is jointly conducted by experts from De La Salle University, Tongji University, TERI School of Advanced Studies and Chulalongkorn University with cooperation from the UN environment. This programme is implemented under the SWITCH-Asia Regional Policy Advocacy Component, funded by the European Union.

# Facilitators

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Professor (Anthony)  
Shun Fung Chiu, Ph.D.

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Associate Professor  
Tao Wang, Ph.D.

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Assistant Professor  
Ritika Mahajan, Ph.D.

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Professor  
Manipadma Datta, Ph.D.

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Ms. Janet Salem

## Facilitators

**Professor (Anthony) Shun Fung Chiu, Ph.D.**

*University Fellow, Professor and Research Fellow*

*De La Salle University, Manila, Philippines*

*Email: [anthony.chiu@dlsu.edu.ph](mailto:anthony.chiu@dlsu.edu.ph)*



Dr. (Anthony) Chiu is University Fellow and Professor at De La Salle University. He is a member of the United Nations International Resource Panel, and a member of the Future Earth KAN on Systems of Sustainable Consumption and Production. Professor Chiu has advised doctoral research works and published more than 160 papers, book chapters, and keynote documents in the field of Sustainable Consumption and Production (SCP), Resource Efficient and Cleaner Production (RECP), and Industrial Ecology / Eco-industrial Development (EID). He is also a Philippine Permanent Delegate to the United Nations 3R Summit, and member of the Philippine Delegation to Rio+20, SDG Roadmap, CSD19, etc. He served as member of the National Pollution Adjudication Board (Pollution Court) from 2004 to 2016. He is the founding vice-chair of the Industrial Engineering Certification Board. Professor Chiu is the first Philippine awardee of the American Society of Mechanical Engineers as outstanding international correspondent, and the first Philippine ASEAN Engineer in the field of Industrial Engineering from academe.

**Associate Professor Tao Wang, Ph.D.**

*Researcher*

*Circular Economy Research Institute,*

*Tongji University, China*

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Tao Wang is a researcher at the Circular Economy Research Institute in Tongji University, China and an associate professor in UNEP-Tongji Institute of Environment for Sustainable Development. Prior to joining Tongji, he was a researcher in Ritsumeikan University, Japan during 2011 to 2016. He was a postdoctoral fellow at National Institute for Environmental Studies, Japan in 2011, and at Norwegian University of Science and Technology in 2009 to 2010. Dr. Wang received his Ph.D. from Yale University.

His research interests include industrial ecology, circular economy, and waste management. Much of his work involving modeling of socio-economic metabolism of material stocks and flows, evaluation of resource deficiency, and analysis of circular economy policies. Dr. Wang is the author of over forty research articles and book chapters. He serves in professional committees of Chinese Society for Environmental Sciences, Ecological Society of China, and China Management Science Society. He was a consultant to several international organizations, including WWF and World Steel Association. He obtained Social Sciences Award for Outstanding Achievement in Shanghai.



**Assistant Professor Ritika Mahajan, Ph.D.**

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Ritika has the expertise in the area of CSR, Education and Training, and Sustainable Development Strategy with around seven years of experience in academia. She holds a PhD from Indian Institute of Technology (IIT) Roorkee and has been an MBA topper with a Gold Medal. She was a UGC Research Fellow in the Department of Management Studies, IIT Roorkee. She regularly contributes to international journals. She has co-authored a book on management education system in India published by Bloomsbury. She is also a guest editor to Scopus-indexed journals.

Presently Ritika is a full-time faculty at the TERI School of Advanced Studies (TERI SAS), New Delhi in the Department of Business and Sustainability. She co-led two Five-Day Schools on Sustainable Consumption and Production and participated in the development of curriculum on SCP at the TERI School of Advanced Studies under an agreement between UNEP and the TERI School of Advanced Studies. She is an alumna of the second UN Winter School on Sustainable Consumption and Production held at AIT.

**Professor Manipadma Datta, Ph.D.**

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Manipadma has been in management teaching, training and research for more than three decades in India and abroad. His areas of expertise are varied, ranging from - Sustainable Development, Climate Finance, Responsible Investments, Integrated Reporting, Weather Derivative, to Public Management, CSR, Strategic Management, Sustainability and Creativity, Valuation of Intangibles and so on.

Currently Manipadma is a Professor in Business and Sustainability in TERI School of Advanced Studies (TERISAS), New Delhi, the pioneer in sustainability research. Manipadma has served many institutions of eminence including University of Calcutta, Vidyasagar University, Nirma University, Institute of Management Technology Ghaziabad, Indian Institute of Management Lucknow, International Institute of Management Delhi and Vrije University Brussels.

Manipadma is a regular contributor to national and international refereed journals and is on their editorial boards. His PhD scholars are working in academics and research across India and abroad. He has to his credit more than fifty research papers in refereed journals. He has co-authored two books and authored an audiovisual one on strategic finance. He is also a regular speaker on sustainability, CSR and Corporate Finance. He is on the PhD adjudicator boards of several universities in India and abroad.

A regular consultant to IFC, World Bank, Government of India sponsored research projects, Manipadma has developed housing finance models for the poor in Bangladesh and Nepal and a business model for utilizing biodiversity of the Cooperative Republic of Guyana, South America.

He holds a Master's degree and a PhD from the University of Calcutta; he is also a Fellow (FCS) of the Institute of Company Secretaries of India and has done GCPCL from Harvard Business School.

Manipadma is the Conference Chair, ICBESD 2019. [www.terisas.ac.in/icbesd](http://www.terisas.ac.in/icbesd)

**Ms. Janet Salem**

*Program Manager,  
Sustainable Consumption and Production,  
UN Environment Programme  
Email: [janet.salem@un.org](mailto:janet.salem@un.org)*



Janet Salem has been working on Sustainable Consumption and Production with the United Nations Environment Programme for the past 12 years. She currently provides policy support on resource efficiency and sustainable consumption and production in the Asia Pacific region. She has led a broad spectrum of national and region initiatives such as Sustainable Consumption and Production National Action Plans and Tertiary Curriculum in Pakistan, Green Hotel guidelines in Bhutan, Green Building Guidelines in Pakistan, Sustainable Food Systems campaigns in Thailand and Vietnam, and most recently the Asia Pacific Low Carbon Lifestyles Startup Challenge, which challenges startups to develop low carbon and low plastic waste products and services. Previously she worked with UN Environment's International Resource Panel, a global science policy interface on resource issues. Before joining UN Environment, Janet working with the United Nations Industrial Development Organisation on development and implementation in renewable energy and energy efficiency in the industrial sector and global forum activities. Prior to working with the United Nations, Janet worked in environmental assessment consulting in the area of Life Cycle Assessment and Material Flow Accounting. Janet holds a Bachelor's degree in Environmental Engineering and a Master's degree in Engineering Science.

# Organizing Team

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## Organizing Team

### ***UN Environment***



Professor Mushtaq Memon, Ph.D.  
SWITCH-Asia Regional Policy Advocacy  
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Ms. Janet Salem  
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## ***Chulalongkorn University***



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# Participants

## Participants

### Mr. Abdul Saboor Rahmany

*Director of Agriculture, Irrigation and Livestock  
Ministry of Agriculture, Irrigation and Livestock  
DAIL, Walayat Street, Herat,  
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In a country like Afghanistan which is landlocked and more than 70% of population is depended to Agriculture and Livestock, it is very important to apply Circular Economy practices for sustainable use of natural resources and further preventing polluting of these resources.

His organization tries to get best use of water resources, produce less and less wastes and reused the agri-waste as bio-fertilizers. They are extending the use of Vermicompost in agriculture especially in greenhouses production with improves irrigation practices, this compost is the bio-degraded of wastes from kitchen and cattle waste and used back in agriculture production. They are currently working of a big project on watershed management with establishment of commercial pistachio orchards. This prevents annual rain-water loss and the same time we generate commercial income from the area, as the result, the groundwater table is increased, and soil health is improved as well. The reason behind his interest to participate this program is to gain new skills, knowledge and learn practices related to circular economy that enable him to foster and apply gained knowledge, skills and practices in designing new agricultural and environmental projects and programs which are based on Circular Economy concept, environmentally sound with adaptive measure to climate change. He would like to establish network of communication through this programme with different people as peers, practitioners and experts from different countries which allow me to learn from their expertise and experiences and furthermore would establish relation and communication as future leaders of this sector. He believes that the overall achievements of this program will enable him advancing his career and think critically for reforming policies as well for his future academic endeavors during PhD Degree.

### Mr. Esmatullah Sahibzada

*Head of Employment Service Committee  
Afghanistan Youth Parliament, Kabul,  
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Since circular economy is one of the best options in every part of society especially in developing countries such as Afghanistan, so he wants to participate in this program. And using advantages of this important program to establish a sustainable circular economy in his country. After participating in this program, he is going to spread and share the knowledge and advantages of this program to other professionals in his country. He believes through this program, all countries can have sustainable economy. His



expectation is to get information and knowledge from seminar trainers and participants from other countries that already experienced circular economy. And as a participant in this program he would like to have supports in the future when he put all knowledge that he will gain through this programme into practice in Afghanistan.

**Mr. A K M Humayan Kabir Dewan**

*Deputy Manager*

*Ashuganj Power Station Company Ltd (APSCL)*

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He is very much interested in participating leadership programme for circular economy because the circular economy is the new concept in the field of sustainable development. He would like to understand what the circular economy is, how it will work, how can we implement it, what type of policies we need to adapt for this, what is the basis change compare to the traditional system, what would be business model, what type of technologies we need to adapt. Beside this, it will enhance the capacity of himself as well as his organization. This concept will create a network between developing and industrial countries in sharing their experience, knowledge, etc. His organization Ashuganj Power Station Company Limited (APSCL) has a project related to the circular economy. The project name is "100MW Grid-Tied Solar Park & Fisheries Project at Chandpur, Kotoadi of Kishoreganj District, Bangladesh". The proposed plant will be implemented by proper use of the solar plant area, providing multipurpose facilities on and above the water surface due to the low land area and remain under the water almost the whole year. also, top of the steel structure, like fisheries in the water and mushroom cultivation in similar in the shadow of the PV panel etc. His expectations are to clearly understand what the circular economy is and how it will work with the achievement of SDG target, like poverty alleviation, improved livelihood pattern, less environmental impact etc. So, I think this program will meet my expectation as well as enhance my personal capacity.

**Mr. Mehedi Md Yusuf**

*Assistant Director*

*Bangladesh Climate Change Trust*

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Regarding the programme's objectives, he can provide his knowledge in policy making level in the field of sustainable development especially in Industrial Ecology and Climate Change issues. Now he is doing a research on "Wide Material Flow Analysis of Textile Industry in Bangladesh". He thinks this training could help him a lot in providing knowledge on this topic and enriching his research

work. He developed special interest to Industrial Ecology and Climate Change, as addition to his aspiration to be a Material Flow Analyst and international Climate Expert. His organization has many projects related to Circular Economy. To avert the negative consequences of climate change, government of Bangladesh established Climate Change Trust (BCCT) by its own resources in the year 2009-2010. BCCT already has taken 511 projects on Environmental issues especially Climate Change. Among these projects at least 25 projects are directly related to Circular Economy. 3R (Reduction, Reuse and Recycle) project is one of the pioneer projects establishing four cities in Bangladesh regarding Circular Economy. It is one of the appreciating projects in Bangladesh in public sector that brings sustainable consumption and production concept. Two projects named “Reduction of Carbon Emission and Enhancement of Alternative Usage of Fuel through Extension of Biogas and Improved cook-stoves” and “Re-vegetation of Madhupur Forest through Rehabilitation of Forest Dependent Local and Ethnic Communities” also related with this issue. Through this training, his expectations are to acquire practical knowledge from resource persons and other participants to formulate policies that bring better result for his country. He would like to share his own experience regarding these issues so that other people may benefit. This training could also develop his current skills through learning new things which can be comfortable to adapt and applied by himself. Besides, this training should help him learn to blend with teammates when it comes to a group task and build a network so that we can attain a Sustained Competitive Advantage (SCA).

**Mr. S M Faridul Haque**

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Gender and Water Alliance  
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He came to know about the term “circular economy” at the Institute of Development Studies (IDS), University of Sussex, UK while I was pursuing my post-graduation in February 2018 for the first time. Circular economy was taught under the module “Competing for green economy”. Since then, He found this as an appropriate production process in this era of climate change. He understood that shifting towards Circular economy instead of existing linear economy might be a blessing for low income countries like Bangladesh as circular economy builds long-term resilience, generates business and economic opportunities, and provides environmental and societal benefits. His organization is currently implementing a project called “Watershed – Empowering Citizens”. It is a five years project that focus on improve governance for water, sanitation and hygiene (WASH) and integrated water resource management (IWRM) through strengthening civil society organisations so that all citizens, including the most marginalised, can benefit from sustainable services. As part of sanitation and hygiene (WASH) and integrated water resource management (IWRM), they are setting up solar desalination panels in the project areas. Gradually, they will shift their concentration on livelihood options for people which are based on circular economy. In this stage, he would need knowledge on shifting from liner economy to address the challenges and making stakeholders engaged and

satisfied. He believes, his participation will enable him to address the policy issues, linked with the promotion of circular economy in Bangladesh. Moreover, this academy will offer him the networking opportunity with the participants which will enrich him through sharing views.

**Ms. Kezang Choden**

*National Environment Commission*

*Chhodzong Lam, Thimphu,*

*Bhutan*

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It has only been a few months since she started working and it would be a great opportunity for her to get the idea of circular economy. Her organization is working on "Waste and Climate Change" project. She would like to gain as many information from the training which can be used to apply her waste and climate change project

**Ms. Tshering Yangzom**

*Environment Officer*

*Environment Division, Thimphu Thromde,*

*Gongdzin Lam, Royal Government of Bhutan, Thimphu,*

*Bhutan*

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She is working as the head of the waste management section in the Environment Division under Thimphu Thromde (Municipality) and have responsibility for initiatives that are consistent with the national policies and legislation. I have introduced several initiatives under the 4R (reduce, reuse, recycle, responsibility) approach advocated in the ISWM, as outlined in the next section. While implementing these projects we have encountered problems and issues that The Leadership for Circular Economy program would help resolve. All of the modules are very relevant to my work and will help Thimphu address its waste management problems.

Thimphu Thromde has several planned or current circular economy projects such as community organic composting; waste paper recycled into egg trays; waste plastics bought from the public or separated from general waste are used in asphalt mix for road construction and other valuable products; and the construction and operation of a Recycling Plaza.

The modules offered in the Leadership for Circular Economy program are very relevant to these projects. She expects that this course will give her the skills to identify approaches to overcome challenges facing in waste management and other related projects, also, be able to immediately implement these approaches to improve projects in Thimphu.

**Mr. Pagna Chea**

*Educator and Chief Strategy Officer  
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In the context of the Circular Economy and SCP in Cambodia, his current roles and responsibilities at the IIMC and IISR as well as development partners do help promote better access to finance for green education, inclusive green growth, green economy introduction and inclusiveness of financial resources, environmental friendly technologies, factors of production, including clean, renewable and green energy, organic food, safe and clean water supply, sustainable land use, biodiversity conservation, forestry protection, fishery conservation for development, and soundly safe ecologic system, all of which are necessary for poverty eradication and sustainable development of Cambodia. The ongoing projects of the IIMC in close partnership with the International Institute for Scientific Research (IISR) are: joint Green Youth Capacity Building Programme to move towards inclusive green targets, so called Cambodia Green Civilization; change producers mindset based on green growth principles and consumer behaviours towards sustainability; education for green sustainable lifestyle project, executive trainings on green investments; green business plan development projects; launch green investment initiatives in the areas of ecotourism, food safety and security, a billion tree planting programme, clean water supply, clean green energy supply, organic agriculture, consulting for sustainable green buildings & construction; reinforce R&D publication regarding circular economy, green growth, sustainable development goals, Sustainable Consumption and Production (SCP) and green economy. Another project is to build on green growth networks to decouple economic growth from environmental degradation, following the SCP holistic life cycle approach. His expectation is to exchange experience, concepts and theories from different experts on circular economy, sustainable development, SCP and green growth; to scale up the existing successful projects of the IIMC through the knowledge and experiences from the training, to the wider consumers of Cambodia and all relevant stakeholders across the country and in Asia.

**Ms. Huaxing fan**

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She joined Ellen Macarthur Foundation about half year ago, which is a leading think tank of Circular Economy. She learnt a lot by doing her daily work and explore the possibility to implement the Circular Economy into real work. She is now working as a focus person based in Beijing, China for the

systemic initiative in the foundation. She would like to participate the program to understand more how developing country in Asia can apply the CE principle in their development, given that the economic status of developing countries in Asia is so different as for Europe or US. There approach must be different and innovative. And She is keen to learn from the program and the peers. Her organization has several online courses to provide basic knowledge of CE, which is very helpful for beginner to understand general concepts. And she also thinks this offline course added more value since it is targeted for Asia developing Countries. Her expectation for this programme is to immerse in a systemic CE courses together with peers from Asia countries. To get insights from each other and to build a network with people who are now working on CE in Asia countries and explore the future together with them.

**Mr. Jiang Hong**

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NDRC is in charge of Strategy of sustainable development, formulate relevant policies. His organization is responsible for implementing the ten-year plan framework of sustainable consumption and production mode, improving resource utilization efficiency in consumption and production gradually, to decouple economic growth from environmental degradation. He expects to Increase relevant knowledge in the field of circular economy and improve working ability through training.

**Ms. LIU Ting**

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She wants to learn the trends, new policy instruments and tools of circular economy to improve the performance of environmental governance and economic development in China

The project from her organization aims to strengthen the cooperation of policy-making and technological aspects among China, Korea and Japan in order to lead the environmentally friendly society / 3R / a sound material-cycle society. Her aim for this programme is to know the alternative policy instruments, strategy options and institutional arrangements of circular economy, and to obtain the analytical and implementation capabilities and skills.



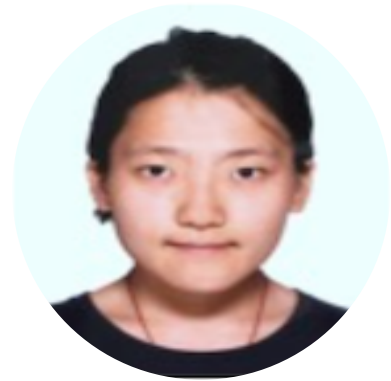
**Ms. Mengxue LU**

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She is interested in sustainability, carbon reduction, building energy efficiency, environmental protection, resilience, etc. And She has been studying and researching on these fields. She took part in a course "energy and environmental economy" in her Master study and she would need some economic knowledge when I'm doing my research now. She hopes she could have a chance to explore this kind of area and absorb some advanced information from the professors and peers. Some of projects are namely Construction material circulation projects, Building energy conservation retrofit project, etc. She expects to share her experience about the research projects and could absorb some experience, knowledge, and information from the participants.

**Mr. Chih Heng Lin**

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He is interested to participate this particular program, because of the idea that is being taught. Circular Economy could be easily said, but hardly anyone does it in Asia; and, for those who have, they have made a great example for the society. Moreover, he personally believes that what we are doing currently, isn't enough to balance the offset that we have created as a society, or so called "human race". So instead of sitting and watching the chaos, he wants to do something about it. Hence, he is interested in "learning the rules, so we know how to break it properly". He has collaborated with "Thai Organic Development Foundation" and "Organic Development Center for International Standards" to creating an "One-Stop-Service" Solution for Thailand's Organic Vegetables, Fruits, & Herbs, so they could truly open up Thailand's Organic Produce to the Global Market, while empowering Thai Farmer's to sustain and thrive. Circular Economy could greatly benefit and effectively be integrated into our current business model and core values. Moreover, in the future, he would eventually have to take over his family business in Taiwan. "Wu Feng Lin" Family Mansion in Taichung is a historical site of an ancient "Chinese Pioneer Family" that aims to pass down of the culture and create a community that is able to equip our new generation for the rapid changing future. Hence, he would like to even know if Circular Economy would be the future. He simply expects to get straight to the point and learn how to implement Circular Economy. In addition of networks that is able to make ideals into reality. He doesn't just want a course, get a certification, and that's it. He wants to be able to really use it and make what he is doing even better. He would also like to apply for the Partial Scholarship under Junior Development Consultant (Private Sector).

**Mr. Deepa Chaudhary**

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He sees this programme as an opportunity to interact with different minds working towards circular economy and learn from them. He looks forward to learning theoretical versions and enhancement of practical knowledge, exposure to circular economy strategies and opportunities for networking with industry and policy leaders. In order to move ahead with the objective of mainstreaming Circular Economy discussions in India, it is important to connect with like-minded people and develop new strategies / foster discussions and further innovations. He wishes to share and discusses thoughts and receives constructive inputs.

FICCI is playing a pioneering role in mainstreaming and building national capacity on Circular Economy through various programs (conference, workshops, consultation meets), research papers and technical services. FICCI launched the Circular Economy Symposiums (CES) in 2017 to drive the Circular Economy agenda forward in India. They also host a Working Group on Circular Economy, comprising of Chief Sustainability Officers from leading Indian companies, to help catalyse what the industry needs to do, both in practice and in research, to embed circular economy thinking in business strategy and decision making. They have been into designing and holding workshops across varied sectors with practical key takeaways for participants developed with a view to build capacities around the subject and unlock the CE value in their respective businesses and to equip them with practical toolkit to actively identify and pursue CE opportunities. Another highlight is the creation of knowledge papers and theme papers as a part of research – sector specific research on contemporary ideas and allied policy recommendations to the government. An exclusive Indian CE awards (Indian context) to recognize the efforts put in this space by industry or individuals is also in loop along with developing a consortium of stakeholders to leverage creativity, expertise and resources to identify and scale innovations being developed in the Indian context to further develop and test to address the developmental challenges that will benefit from just India but the world.

**Mr. Himanshu Aggarwal**

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With the Inertia that Indian Railway possess, there is a need of minimum amount of waste generated by it and provide a loop for all its resources in the best possible way so as to increase the sustainability of the system. His organization involves selling scrap by Indian Railway is a very big ongoing project related to Circular economy, also Reuse of material in

best possible way through committees is done before considering the material as scrap. Through this program, it is expected that knowledge as to at what points focusing should be done so as to achieve the Circular Economy in Railways. Also, an insight to Supply chain Practices that help in strengthening and closing the resource loop is expected.

**Mr. Muchtazar Muchtazar**

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He is working for Unilever Indonesia Foundation (UIF), a corporate foundation of PT Unilever Indonesia Tbk. which implement sustainability program in communities. Circular Economy (CE) is an important aspect to achieve our commitment in Unilever Sustainable Living Plan (USLP). Besides, he is also working for Packaging and Recycling Association of Indonesia Sustainable Environment (PRAISE) where UIF is one of founding members of the association. In the association, they develop research & collaboration, partnership, and partnership with the other stakeholders to support the establishment of Extended Stakeholders Responsibilities (ESR) framework with focus to optimize the potentials of instituting sustainable Circular Economy Model. UIF has implemented waste bank programme for about 10 years, we have assisted more than 2,600 waste banks around Indonesia. Circular Economy principle is the foundation for plant operation since it is important to implement the principle from upstream (research & innovation), middle stream (waste collection channels), and downstream (recycling plant) level. His responsibility is to engage with the communities to collect post-consumer flexible (multi-layer) plastic waste from three main channels: waste bank, TPS3R (material recovery facility), & waste collector. For PRAISE, we are implementing dropping box programmes in Jakarta, as an effort to engage directly with the consumers to participate in post-consumer waste collection programme. The expected 100 dropping boxes by the end of 2018 will have been deployed. Dropping box programme is important to achieve circular economy model of post-consumer waste management since all waste that collected through this channel is 100% will be recycled and never end up in landfill or litter to the environment. His expectations in joining this forum are: Enhancing his understanding of the need for Circular Economy; Developing his networks with young leaders; and Developing his analytical, advocacy and implementation capabilities and skills to support the implementation of Circular Economy through his roles in the organizations.



### Ms. Rika Mitsuhashi

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She is interested about Circular Economy because of our work on livelihood, production, and consumption in Sustainability Asia. She desires to promote sustainable food consumption starting with the creation of sustainable food production system and by helping farmers have sustainable livelihood in developing countries of Asia such as Philippines, Vietnam, Laos, Cambodia and Indonesia.

Her organization, Sustainability Asia, aims to develop sustainable food production system and promote sustainable consumption amongst people. For sustainable food production, they provide environmentally-responsible livelihood program particularly in the areas of agriculture, forestry, and fishery. They also try to create a supply chain on coffee that will be beneficial to the environment. On sustainable consumption, they work with consumers to understand their consumption behavior and determine ways to make it more environment-friendly. She is expecting to learn, network, and contribute with different stakeholders working on Circular Economy. She learned a lot from the ideas and solutions presented during the World Circular Economy Forum 2018. She expects the same thing with deeper discussion on how to further act to achieve goal 12 of the SDG. She would also like to meet new people who have same interests in "Circular Economy" and share her projects and ideas. Since there will be people from the private, public, and academe, this will be a good opportunity to also collaborate with them. Finally, she wants to advance her organization by applying what she will learn from the program to her operations. She believes that this program will help her a lot in terms of developing her business model so that can help more people.

### Mr. Nakhalin Vorasarn

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Lao PDR is in the process of reviewing its the 8th NSEDP which since last year, Department of Planning and Cooperation received a responsibility to initiate and help MONRE to boost activities and strongly participate in how to convert and find the way to balance the economic development and natural resources consumption. The SWITCH Asia focal point had moved to DPC to support as advisory team to the MONRE leader to response the demand of sustainable development trend such as Circular Economy. Also, to achieve this responsibility, MONRE need to have a young technical person who has enough knowledge and capacity to work for and he is one of that team and think that this is a very good opportunity to increase my

capacity and gain more deeply understanding for this topic to be easier to provide a right and appropriate information and advice to leaders in MONRE. He expects to have deeper understanding to be able to convince people especially his leader in ministry to see how important it is to find out the appropriate way to solve the problems and various conflicts between Economy Development and Nature Preservation.

**Mrs. Lay Mei Sim**

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The utmost reason she is interested to participate in this program is as a PhD candidate, she would like to know how we can be working to translate thought leadership into tangible action. Apart from that, this program offers a platform for all stakeholders to get involved for sustainable and inclusive development. As she is working on resource management that engage the stakeholders, she sees this program as a great opportunity for her to enhance her knowledge in circular economy and working towards sustainable development. She hopes this will be an engaging platform and the sharing of the practical knowledge based on experts' experience which will be able to be adapted and applied in her country. Also, she expects this to generate networking and sharing platform between students and the professionals from different backgrounds in promoting Circular Economy.

**Mr. Ismail Ajmal**

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**Mr. Enkhbold Bukhchuluun**

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Among the world cities Ulaanbaatar city has continuously ranked for last decades in 5th for its polluted air and waste management. The research shows that Ulaanbaatar city produces 3500 tons of waste every

day. Due to lack of funding and bad budget management there is no waste recycling factory till this day. There are three sites that using Landfill technology for land burying and two sites that do primary classification that recycles the waste turning them into containers, packages and cans for export. As he was the member of city parliament and the City Council's Head of the office in 2013 the city has signed the Waste Management Program. But the policy makers did not fully understand Circular Economy thus resulting in poor implementation. The tri-partisan cooperation between citizens, business organization and City Council was not effective leading to small progress. As the City Council members there is a big need to let the City Administration understand the importance of the issue and include in the decision making. As he was the Head of the working group in the city parliament from 2012 to 2016. Since 2016 he was working as an Advisor of Democratic Party Group in the city parliament. The weak understanding of the term Circular Economy leads to poor implementation. Although there is a document on the waste management but due to methods of implementing and lack of budget the project cannot be followed through. Also the City Administration's poor understanding of this issue is a part of the problem too. In order to get detailed information and fully understanding of Circular Economy, he hopes the programme will create a close partnership with Ulaanbaatar city and exchanging experiences.

**Ms. Oyunchimeg Dondog**

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As a young professional in Mongolia, where its economic development is highly dependent on mining and extractive industry, he would like to deepen his knowledge on Circular Economy, as well as its influence on sustainable development, specifically in the case of Mongolia. Moreover, he is positive that he could advance his skills on advocacy of policies with the help of the experienced committee members and the other participants. The concept of Circular Economy is new in Mongolia that it has been developing since 2017. Thus, there is no existing project at the moment in the Secretariat, though the concept is being studied under the working group. By learning and exchanging the ideas with the experts and professionals from other countries, he hopes his consultancy capability on resource management as well as advocacy on policy improvements in the area of circular economy in Mongolia will be advanced, looking beyond the current take-make-dispose extractive industrial model.

**Ms. Tsedevsuren Bat-cohir**

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She is an officer in the department of Green development strategy and policy planning of the Ministry of Environment and Tourism. She is in charge for Sustainable Consumption and Production and Circular Economy. She obtained bachelor's degree in Environmental Science from Tianjin University of Peoples Republic of China in 2017. Currently, she is studying in the evening class of the National University of Mongolia, Department of Economy and Finance. In near future, she is motivated to become an expert in the Green economy. According to the law of Innovation sector 10.1, Ministries are responsible for developing sub programs of the innovation according to their sectors. Her department is developing sub program of innovation in the sector of Environment. The subprogram is in progress since 2015. However, due to lack of experts in the field of environmental innovation the program has been delayed. Our mission is to promote clean technology and sustainable consumption and production to business entities and public by cutting taxes to the entities which are using clean technology and approaching 3R programs. Since Mongolia is relatively at an early age, she believes the Asian Circular Economy Leadership Academy would give her chance to learn from countries which are successfully implemented to their country. She believes participating the Asian Circular Economy Leadership Academy would give her the chance to deepen her understanding of Circular economy and the opportunity to learn from wide range experience, perspectives and insights of the others in Sustainable Consumption and Production and Circular Economy.

**Ms. Min Mon Myat**

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As a Sustainable Consumption & Production (SCP) professional, she needs to understand further about the Circular Economy in order to offer advisory & consultation services to the industry. In the current context, most of the businesses are running with traditional industrial approaches and have not considered how integrating into the circular economy can be a future path for their enterprise. Few businesses consider the whole supply chain. Although businesses in Myanmar are improving in these years, such as achieving better customer service and implementation of new technologies, still much more needs to be done to work effectively towards a vision of a 'Circular Economy'. The other reason why she is interested to participate Circular Economy program is to advocate for the capacity building of the Myanmar Garment Manufacturer Association (MGMA). Therefore, she is driven to learn more about the circular economy in order to deliver that knowledge back to the relevant sectors in her country, not only in my work as a non-profit SCP consultant to industry, but also to the general public in my voluntary role as SCP Youth Ambassador for the UN Environmental Programme in Myanmar. Her organization has some projects related to the Circular Economy for textile, garment and footwear industries. These are SMART Myanmar Energy Management Program, Green Finance Program, and Chemical & Solid Wastes Management program and the SCORE program. All programs consider resource management in all stages of the production flow, in order to set-up cleaner production without affecting the



environment adversely. It can create a win-win situation for business, both saving the production costs and protecting the environment. Her expectation is to acquire new thinking on design, to hear different perspectives from others and to learn practical examples on the circular economy practices from this program which can possibly be implemented in businesses in my country. Moreover, she strongly believes that the Circular Economy program can assist partially in policymaking for industries, as a tool, and that it can assist to meet the 2030 sustainable development goals.

**Mrs. Devi Poudel**

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Circular Economy is gaining attention world wide as a new model for sustainable growth in developing countries like Nepal by minimizing volume of waste and maximizing reuse and recycle of materials where country can cut carbon emissions significantly and in addition it creates a number of employments to Nepali youths. As her organisation doesn't have existing project about it but provides sustainable drafts standards in different materials to promote concept of Circular Economy to create sustainable environment in the nation. As being the applicant of least developed country, Nepal, her expectation is that this Program will make her learn about beauty behind Circular Economy: "Nothing gets dumped, emitted and shunted, as waste is designed in a system". She will get opportunity to have a better understanding of various stakeholders from different developed and developing country how they are working for Circular Economy development in their country. Such program helps to provide new vision and passion in the developing countries to generate sustainable nation.

**Ms. Tooba Masood**

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She has been involved in various activities related to sustainability in campus. She has also been part of Prosper.net leadership program. Currently she is part of the author's team for GEO-6. Her interests in circular economy program is to update and share her knowledge base, so that she can upgrade and improve her efforts for benefit of people. AIT has many activities going on related to sustainability and circular economy. Most of it is about student's research. Although various community level activities are also visible. She expects to meet and learn from the experiences of likeminded people



who are enthusiastic about their contribution to planet earth in terms of sustainability and those who are keeping up with the practice of circular economy principles in their daily lives. She also expects to look for answers that bother her when it comes to instill change in behaviors of people and how to turn individual actions into collective actions. Another motive is to learn about how world is keeping up with circular economy and how policies can be designed to create such change.

**Mr. Alberto Jr. Leyes Longos**

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As an MS student in Environmental Engineering and Management, he wants to be equipped with knowledge in Circular Economy in the sector of water resource management and/or water treatment technology where my thesis will be focusing on. His company (study on leave) is doing engineering design, feasibility study and consulting in water resources and water treatment and he believes that the program will help him to properly design facilities that will be economically viable but at the time environmentally-friendly. His planned thesis will be focusing on developing porous ceramic-like material which uses the mine waste (silts) and biomass ash which can be used for water purification or wastewater treatment and he believe is a Circular economy idea. In his company, he is working with (study on leave), he is currently finishing the last phase of the formulation of masterplan for the exploration of water source, and design of water treatment technology for the whole municipality. This is related to circular economy as water has been already exploited because of improper water resource management. After the program, he expects to learn techniques in circular economy that he can be used in both of my thesis and the final phase of the masterplan project on proper water resource management/ and proper waste utilization. He expects that I will be equipped with those techniques that he can use more efficiently and more productive than what he is usually doing currently.

**Ms. Juliet Ler**

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One of the fundamental elements of circular economy is collaboration and she wants to learn how leadership could bring together collaborative

efforts both internally and externally. With the knowledge and leadership gained, she would like to take further actions in leading environment, social and economic change, and also to learn, share and initiate partnerships. Since sustainability is the core pillar of Covestro and at the corporate level, her organization is taking an active role in shaping the industry with trade associations to better understand the EU Circular Economy regulations. They have successfully manufactured CO2 based materials such as hockey flooring and mattresses. They are also working on exploring waste materials as our feedstock or to create other affordable products. Such as in their Softlanding project in Australia, collecting used mattress and recycle all the parts in other applications. By participating in this programme, she expects to gain insights on circular economy; seek partnerships in developing sustainable solutions for the environment and people; and to increase her awareness on other industries who are active in circular economy and what they do.

**Mrs. Nisansala Subodhani Ranundeniya Rathnayake  
Mudiyansele**

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I work as Resource Efficient and Cleaner Production (RECP) Expert to the National Cleaner Production Centre, Sri Lanka since 2012. I closely worked with more than 120 industries in the country from textile and apparel, food processing and beverages, steel manufacturing, rubber processing sectors. Most of these industries adopt the concept of linear resource economy; “take-make-dispose” with NCPCSL teams’ support, most of the above industries have moved away from the linear resource economy with improved resource efficiency strategies. However, there are financial and technological barriers for moving the manufacturing industry towards a circular economy in the country at present. Therefore, as a leading person in the field of promoting sustainable production in the country, I would like to participate in this training program in order to obtain a deepen knowledge on circular economy and thereby to introduce more circular economy enterprises in the country in future. Further, I would like to incorporate the concept of circular economy during my awareness creation programs for industrialists.

Existing projects related to Circular Economy from her organization include: “METABUILD” project, a four-year project for "Promoting resource efficient cleaner production (RECP) in metal SMEs in the building and construction sector in Sri Lanka, emphasizes sustainable consumption and production in small and medium enterprises (SMEs) in the country; “NCPCSL” is working in a two years project with the government of Sri Lanka (GoSL) to promote resource efficient and cleaner production to 15 selected SMEs in the country and thereby to establish environmental management systems (ISO 14001:2015) in the enterprises; “Sustainable Consumption and Production (SCP) in Sri Lanka through Facilitating Access to Information id” to develop a Life cycle inventory (LCI) database for selected agro-food product categories to develop a green product certification for a selected agro food

product category and to raise awareness among general consumers on Sustainability through disseminating information related to Sustainable Consumption.

She would like to obtain knowledge on the required best strategies, policy instruments and institutional arrangements in order to promote SCP in the country. This is a great opportunity for her to blend with participants and sector experts to share her experiences on circular economy and to learn by experience from others/experts. Finally, she hopes this course will improve her analytical, negotiation and advocacy skills in order to become a leader in the field of sustainable consumption and production.

**Mrs. Senarath Mudalige Dona Janani Tharanga Jayatilake**

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The transportation sector plays a major role in the economy and it is using the circular economy and sustainable development principles to improve the efficiency and sustainability. However, there are many areas to improve. As a young professional who has a national level involvement through Vehicle Emission Testing Programme in Sri Lanka, she considers this programme as a great opportunity to learn how to incorporate circular economy principles and regional practices to improve the Sri Lankan transportation sector. She is employed with Vehicle Emission Testing (VET) Programme, which is involved with national level vehicle emission inspection and monitoring. This programme is incorporating sustainable consumption and production and circular economy principles in transportation sector. An objective of this programme is to improve the air quality and minimize the greenhouse gas emissions by promoting a cleaner vehicle fleet which uses cleaner and sustainable transport mechanisms. As a young future decision-maker, her expectation is to improve her knowledge in circular economy and sustainable consumption and production and learn how it could be applied in the transport sector. This will help her to respond better in the growing needs with related to emission reduction and cleaner fleet management. In addition, this programme will help her create new networks, share experiences among each other and improve my knowledge and skills which could be invaluable in future research and related activities.



**Ms. Jitsai Santaputra**

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Learning about circular economy would help him pinpoint areas in the industry that is currently a traditional linear economy and help encourage transition into a more sustainable and less resource exhausting path. Renewable energy in general is generally accepted as "green industry" and promotes sustainable development. But production and recycling of solar modules for example is still a problem that we face. After the solar modules are past their lifetime, how to dispose or recycle is a big issue. So if we can apply the thinking of circular economy, he believes that from production, use and recycle/disposal can become more sustainable and optimal.

Currently, his company is actively looking to expand our understanding and application of circular economy. He wants to learn more about the policies and the business models that integrate circular economy concepts. To be able to give informed advice to his company's supply chain and logistics about how to better utilize their resources and production plants to achieve goals aligned with SDG. For example, a big problem in the solar business is how to create solar modules that can be recycled.

**Mr. Sataphat Silsawang**

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After finishing degree in Political Science, he had an opportunity to do an internship with an NGO focusing on development in developing countries. He found that most of development projects have been conducted without concerns about the sustainability of the community and the environment. This has been brought to his attention that development-related organisation should change their way of thinking and a better development model should be introduced to these organisations. That is why he applied for this programme. Circular Economy is another interesting alternative model which could be adapted and implemented into many development projects. It not only provides sustainability in environment but can also conserve people's way of living in the community

Thailand International Cooperation Agency (TICA) has done various projects and activities which is related to Circular Economy. Firstly, we have done a lot of training course called Annual International Training Course which offers not only a training experience, but also a

platform in exchanging ideas about development in different themes i.e. Low Carbon City Scenario Development and Implementation etc. Secondly, we have shared our know-how about development by developing some projects abroad such as Community Development project in Timor-Leste, Study Center in Laos. Lastly, we have hosted many events which focus on sustainability and have invited many experts from different areas to improve our working performance. His expectations are to gain more knowledge about Circular Economy and adapt it with my current work; exchange ideas with other participants and find the solution to social issues; and motivate myself to contribute more to our world

**Mr. Thanapat Trakulpulchai**

*Business development manager*

*Rungjareon Environmental Services Co., Ltd*

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*Thailand*

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Growing up in Map Ta Phut where the industrial estates have merged up and been labeled as one of the most polluted cities of Thailand, have made himself realized to the importance of environmental conservation and sustainable lifestyles from our own habits. He wants to be "A Change Maker" of Asian Circular Economy leadership, an objective that has greatly motivated to keep improving himself with knowledge and best practices, in order to help preserving the environment by making our little change of our consumption and lifestyles for my community and our country, he is keen to learn and practice in this expertise and he thinks this program can consolidating his goal and career path in the future. As a service provider, his company has provided an environmental services and waste management. We also have a project called " zero waste to landfill " by transporting non-hazardous waste materials that can be used as a component of cement to transform its shape by burning in cement kiln. Moreover, his company also have a license to operate RDF production. He helps our community controlling waste management and turn trash into renewable energy. Last but not least, in the last quarter of this year 2018, he has contacted to make a business partner with Macrebur, it's a company in England that having a knowledge of building the road by using plastic instead of using an asphalt. The road that using plastic as component also reduce the usage of fossil and also helps foster circular economy. He expects to be a part of this program and he does hope that he will have a chance to share these new knowledges and new experiences that he has learned with other people in my community, to help our country understand more about sustainable development and circular economy. It's like when you have a light on your candle, If he keeps holding it with no sharing it will be only 1 candle that have lighting up and it will be only one spot in the dark room that have a light, but if he sharing by lighting other candles there will be no place for the dark anymore. He would like to be a new generation who can be valuable for my community and our country. He would like to meet a new friend who have the similar futuristic vision and he would like to be a business man that represent and stand for the society and the environment.

**Mrs. Bui Phuong Lan**

*National Policy and Campaigns Officer  
Oxfam, 22 Le Dai Hanh Street,  
Hai Ba Trung District, Hanoi,  
Vietnam  
Email: phuonglanb@gmail.com*



Bui Phuong Lan, currently working as National Policy and Campaigns Officer for Oxfam in Vietnam. She got a distinction in her degree of (Advanced) Master of Development Practice from the University of Queensland, Australia, in 2007, with minor thesis, plus 21 years of work experience in INGOs. She also joined Ford Foundation funded course on asset building where carrying capacity and sustainable theories had been taught. The knowledge obtained and her 20+ years of experience in community development and policy influencing have further driven her toward optimizing advanced knowledge, thinking/researching on sustainable consumption and production to benefit communities and society at large. Her latest 6 years have been devoted to the coalition building, research, influencing and brokering on agriculture, farmers' rights and rural development, being a part of GROW Campaign in Vietnam - one of Oxfam's biggest global campaign on economic justice, dealing with the world food system, rights - voice - choices of farmers in resources management, climate changes, private sector engagement in resolving inequality in value chains. All the listed six modules delivered in the course are totally matching with Oxfam's capacity development plan for her, specifically in developing analytical, advocacy and implementation capabilities and skills; and to expand our further/potential contribution to, Circular Economy, or similar concepts and approaches, and its development in Vietnam.

**Ms. Le Thi Thu Van**

*Project Developer  
Center for Creativity and Sustainability  
So 6, ngo 255, duong Cau Giay,  
Cau Giay, Hanoi,  
Vietnam  
Email: levan2907@gmailcom*



As working in sustainable development environment, she has had the opportunity to learn about the circular economy concept from its early days in Vietnam and experience the circular economy implementation on varied levels in her country. Therefore, we had chances to learn and have been able to find some of the difficulties and advantages of applying circular economy in communities, as well as the barriers to accessing this concept among the objectives like producers, local authorities, and consumers, particularly in Vietnamese market. She founds some of the main difficulties which can be listed expressly: the lack of information and original materials leads to inadequate and systematic understanding of the circular economy; the shortage of experts to assist enterprises in providing in-depth solutions to solving problems; and the determination and the coordination level between the involved parties such as government,

social activists, and enterprises. At CCS, we not only connect with NGOs, local government or research units, but also directly support SMEs by introducing them the concept of circular economy. CCS is the local partners engaged in implementing technical and/or policy dimensions of the Terminal Evaluation of the UN Environment Project “Resource Efficiency and Eco-Innovation in Developing and Transition Economies”. We also conducted a research in June 2016 with 152 Vietnamese SMEs operating in a variety of sectors. The most important element that made her strongly believe that the program would be very informative is the training subjects spread from governmental professionals to private sector and civil society organizations, as well as academics sector. She is confident that this will bring great results and practical solutions from the resonance of sharing such diverse viewpoints. In addition to this training program, she hopes to share the experiences from Vietnam’s case and get the latest updates and support from leading experts to create more positive, specific and effective changes to overcome those challenges. With the knowledge and relationships gained after the program, she hopes to motivate her team and be able to mobilize more resources to contribute the new changes by approaching and matching the related parties’ roles in both ways: bottom-up and top-down

# General Information

## Accommodations

Participants are expected to arrive in Bangkok in time to attend the first session of the programme, Welcome dinner and participant introduction, in the evening of 3<sup>rd</sup> December 2018. On campus accommodation is arranged for full-scholarship participants at Chulalongkorn University International House (CU iHouse, see [figure 1](#)) throughout the period of the programme. During checking in, your passport is required for verification. Key card and key room will be given to you after finished checking in. For participants with full scholarship, please note that the payment is our responsibility, you do not have to pay it on your arrival.

### **Chulalongkorn University International House (CU iHouse), Bangkok**

(Further information at <http://www.chula.ac.th/en/prospective-student/accommodation>)

Address: 268 Chulalongkorn Soi 9, Charasmuang Rd., Wangmai, Pathumwan, Bangkok 10330

Tel: 02 217 3188, Fax: 02 217 3111, E-mail: [cuh.remsthailand@colliers.com](mailto:cuh.remsthailand@colliers.com)

- Check in time : after 14:00
- Check out time : before 12:00

Note: In case of early arrival, you may leave your luggage at the 24-hour reception, free of charge. Besides, one key card and one key will be issued per room. In case of loss or damage, it is the responsibility of the participant to pay 1,000 THB charge.

## Transportations

### **Getting to Chulalongkorn University**

Chulalongkorn University is located in the heart of Bangkok. Getting to the university is easy from anywhere in the city.

- Bangkok Mass Transit System (BTS)

The Bangkok Mass Transit System, also referred to as the BTS or Sky train, is an elevated rapid transit system in Bangkok. The Siam Station and National Stadium Station are relatively close to the university (see [figure 1](#))

For more information: <http://www.bts.co.th/customer/th/main.aspx>

- Metropolitan Rapid Transit (MRT)

The Metropolitan Rapid Transit, or MRT, is a rapid transit system serving the Bangkok Metropolitan Area and the Sam Yan MRT Station is right next to the university (See [figure 1](#)). Head towards Exit 2 below Chamchuri Square, which is one of the university's buildings, and you can begin your CU visit. From Chamchuri Square, you can walk, board a bus or hire a taxi to go to a specific building or faculty on campus.

- The Public Bus

There are quite a few buses that swing by CU. In fact, bus stops are located on all sides of the campus and can be divided into four main routes:

- Rama 1 Road – Bus No. 11, 25, 54, 73, 79 and 204.
- Rama 4 Road – Bus No. 21, 34, 47, 50, 67, 93 and 141.
- Phayathai Road – Bus No. 27, 29, 36, 65 and 501.
- Henri Dunant Road – Bus No. 16, 21 and 141.





## Getting to Chulalongkorn University International House (CU iHouse) from airports in Bangkok

### - From Suvarnabhumi Airport

To avoid heavy traffic jam in central Bangkok city especially at rush hours, the quick and convenient way is to take the Airport Rail Link (ARL) from the Airport to Phaya Thai Station. The ride takes half an hour and costs THB 45. Once you get off the ARL at Phaya Thai station, the easiest way is to take taxi to CU iHouse.

Airport Rail Link: <http://www.srtet.co.th/index.php/en/>

### - From Don Mueang International Airport

Participants can take the Airport Bus, A1 from Don Mueang Airport to BTS Morchit Station. The price is THB 30 per person and it takes about 30 minutes to get to the Morchit Bus Terminal. Then passengers can take sky train from BTS Morchit Station The Siam Station and National Stadium Station. Then, the easiest way is also to take taxi to CU iHouse.

### Metered-Taxi

On arrival to aforementioned BTS Stations, it costs approximately less than 100 baht in a normal traffic condition and takes about 20 minutes to CU iHouse. Please note that travelling time may be much longer due to heavy traffic especially during rush hour. It is advisable to avoid travelling by taxi if you are in hurry. **Please print out the map to show to the taxi driver** (see [figure 2](#)). Make sure your taxi service charge by the meter, starting at 35 Baht!!



Figure 2 Map of CU iHouse for the taxi driver



## Flight

For participants who are not in Thailand, please send you electronic itinerary and flight receipt (applicable for full-scholarship participants) to project assistants:

Mr. Kittikun Saksung at Kittikun.saksung@gmail.com or

Mr. Weerapong Unawong at Weerapong.uw@gmail.com

So that we will know your estimated arrival time and prepare your reimbursed documents.

## Reimbursement (only for full-scholarship participants)

a. Travelling Expenses, you will receive the fixed amount of travel allowance to cover your flight ticket from your home country to Thailand and local transportation with Thailand.

b. Visa processing fees will be also reimbursed at the actual cost of the processing fee (excluding transportation cost for Visa processing occurred out of Thailand).

c. Local Transportation should be managed on your own convenience since there is no conveyance provided directly from the airport to the campus. Further information about local transportation will be provided with the booklet, which will be sent to you one week before the event.

The expenses will be reimbursed upon submission of the following documents:

- Receipt of your flight ticket
- Evidence of your electronic ticket or outbound and inbound stubs (As for your inbound stubs, please send the scanned copy to project assistants and keep the original since you might be asked to submit the original.)

- Evidence of your local transportation (only in Thailand)

- Original receipts for visa processing fee (if applicable)

\*Kindly note that you can submit these documents to programme assistants on your arrival on 4th December at registration table. Besides, the reimbursement will be provided in **USD Currency** after we receive all the required documents. The reimbursed process will be completed before the end of the programme.

## Currency

The currency exchange rate as of November 2018 for Thai Baht is approximately THB 33.08 to USD 1.00. Money exchange from major foreign currencies to Thai Baht is available at the airport and banks in the city. It is advisable to have some cash in Thai Baht before you leave the airport in Bangkok for your convenience.

## Travel Insurance

Please make sure to have your travel insurance covering your whole stay in Thailand. The UN Environment and Chulalongkorn University will not be able to provide this and are not responsible in case any medical emergency happens. We will be happy to assist participants in any need they might have, but medical related expenses shall be covered by individual travel insurance.

## The Leadership Programme Venue

The main programme venue is at Room 306 - Smart Classroom, 3<sup>th</sup> Floor, Mahamakut Building, Faculty of Science, Chulalongkorn University. It takes less than 10-minute walk from the CU iHouse (see **figure 1**). On 4<sup>th</sup> December 2018, all participants should gather at CU iHouse lobby at 8.00 and will be guided to the venue.

## Meals

- Welcome dinner: Provided at CU Thai House (see **Figure 1**) from 17.30-19.30
- Breakfast: Provided at Chula Chakrabongse Building (see **Figure 1**) from 08:00 to 09:00
- Lunch: Provided at Chula Chakrabongse Building (see **Figure 1**) from 12:30 to 13:30
- Dinner: A total of 1,000 baht to spend for your own dinner for 5 days (4th to 8th December) only for full-scholarship participants.

For more information: <https://www.wongnai.com/listings/chula-restaurants?locale=en>

## Appliances

It is recommended for all participants *to bring your own laptop and smartphone to this programme*. These devices will be mainly used during the programme, instead of papers, and connected to the LCD for group discussion.

## Dress Code

Semi-formal

## Internet Access/ Wi-Fi

Available in the university campus and CU iHouse (password will be provided upon arrival/check in).

## SIM Cards

SIM Cards can be purchased from various telecommunication companies booth at any international airport and 7-eleven store (one available at CU iHouse). There are 3 main providers: TRUE, AIS, and DTAC. Any of them is good to use in the city.

## Time

Local time is GMT +7 hours.

## Weather

Although the weather in September is milder, it is advisable to bring umbrella to keep dry from the occasional rain. The average maximum temperature is 33°C and minimum temperature is 28°C.

## Electricity

The voltage used in Thailand is 220 volts, A.C. The frequency used in Thailand is 50 Hertz. If you bring electrical appliances that are not compatible with the voltage, you will need a transformer to convert the voltage. It is highly recommended to bring a universal adapter.



## Introducing to Uniquizz – Connect to the Asian Circular Economy Leadership Academy

Throughout this workshop, you can have access to circular economy materials and other interesting content via Uniquizz. Please download and find user guide for the application as following:



You can download the application easily on your smartphone from **Google Play Store** or **Apple App Store**. Or alternatively you can scan the QR Code on the right.



## Connect to to the Asian CE Leadership Academy

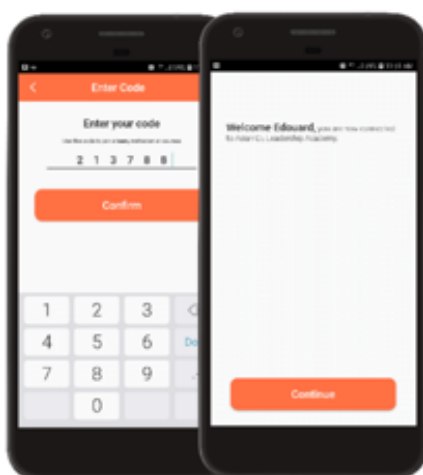
- 1** Open Uniquizz and tap **Create Account**. Type in a username and a password.



- 2** Tap  in the top right corner to access settings. Click **Enter Code**.



- 3** To access content, you need a code. Enter **213788** and click confirm.



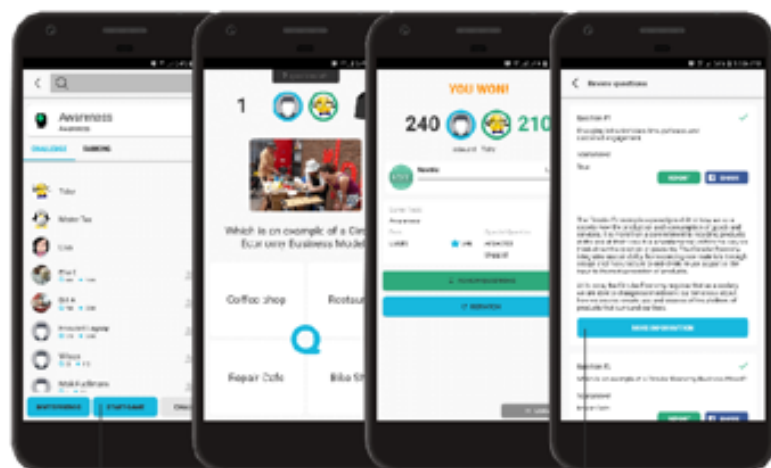
- 4** Hooray! You are now connected to the Asian CE Leadership Academy.



# Discover the Asian CE Leadership Academy



## Play quizzes, challenge your friends, and access more learning material



Full access at: <https://drive.google.com/open?id=1WOBUDfPhsXiIJKxGDS4JG6XFKsaZiIOb>

### Emergency contacts

- Central Emergency (Police, Ambulance, Fire): 191
- Highway Patrol: 1193
- Crime Suppression: 195 or 0-2513 3844
- Tourist Police (English, French and German spoken): 1155
- Tourism Authority of Thailand (TAT) Call Center: 1672
- Immigration Bureau: 0-2287 3101-10
- Medical Emergency: 1669

### Chulalongkorn University - staffs

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Tel: +66-89-631-6499

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Mr. Weerapong Unawong (Joe)

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Tel: +66-94-497-0115

**See You Very Soon!**

The Asian Circular Economy Leadership Academy aims to improve the knowledge of young professionals from public sector, private sector and civil society organizations who can contribute to the design and implementation of innovative solutions for policies, business models, technologies, financing mechanisms and practices that promote sustainable consumption and production for climate change, energy efficiency, waste management and poverty alleviation. It is supported under the EU funded SWITCH-Asia Regional Policy Advocacy Component.

SWITCH-Asia II Regional Policy Advocacy aims to strengthen the dialogue at regional, sub-regional and national policies on Sustainable Consumption and Production in selected Asian countries, thereby contributing to green growth and poverty reduction. To brings together governments leaders, experts, private sector and civil society organizations in a series of events