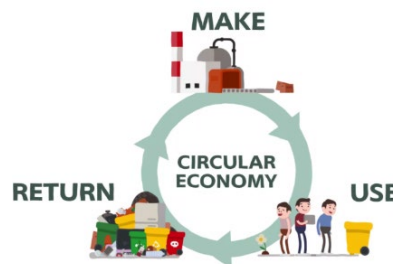


## Factsheet: SD Symposium 10 Years: Circular Economy – Collaboration for Action (Set 1)

### Why Circular Economy?

A rapidly growing population, coupled with the continued fast economic growth, have fueled a rising demand for resources, posing a significant risk to the scarcity of raw materials. The ongoing crises, shaped by the linear economy which works according to the “take-make-dispose” steps, have caused pollutions and adverse environmental impacts, raising concerns of all resources potentially being wiped out.

The Circular Economy is a regenerative approach that transforms the way of production, consumption, and lifestyle. Manufacturers must be committed to environmentally friendly practices covering innovation development, design of material, product and service, and business models while maximizing resource utilization to minimize waste production and generate positive environmental impacts aligning with resource optimization. This also includes enhancing the efficiency of waste management to keep resources circulate in a loop of the “make-use-return” system.



SCG Circular Way encompasses 6 strategies:

1. **PRODUCT DESIGN.** Design a more durable and longer-lasting product that facilitates material separation (for recycling or reusing) or product with fewer materials while maintaining the same functionality.
2. **RESOURCE INPUT.** Utilize recycled and reused raw materials or opt for renewable resources in production and integrate renewable energy such as solar, biomass in manufacturing processes
3. **MANUFACTURING.** Maximize the precision and use automation in manufacturing process to eliminate production waste while lowering water and energy consumption.
4. **SALES AND DISTRIBUTION.** Promote eco-friendly distribution and use leasing services and sharing platform system to improve sales and distribution efficiency

5. **PRODUCT USE.** Design a more durable and disassemble product with maintenance services to extend the product lifetime for the longest possible.
6. **RECOVERY.** Keep end-of-life materials as long as possible in the production and consumption cycle by adopting regenerative approaches, i.e., recycling and reusing and waste-to-energy process to avoid landfill.

### SCG's Pathway to Encourage Sustainable Development Approach through SD Symposium

SCG has realized the shortage of resources; therefore, it has continuously propelled sustainable development through the SD Symposium in the past decade. SCG has brought pertinent environmental issues to the surface to discuss, brainstorm, and seek appropriate solutions that fit Thailand's context. SCG aims to be a driving force to create networks and accelerate the adoption of sustainable development concept at all levels. The symposiums have hosted over 6,000 participants comprising executives from the government, small-medium to large business enterprises, academics, NGOs, local and international press.

In 2018, SCG introduced the concept of Circular Economy at "SD Symposium: The Future We Create" with a notion that Circular Economy is key to achieving sustainable development goals in the dimensions of economy, society, and environment. The objective is to share recommendations and raise understanding to relevant parties, aiming to encourage adoption of such model that best fits their organization. After making the Circular Economy known in Thailand, SCG has established a green guideline in the organization together with forging cooperation with partners and stakeholders under "SCG Circular Way."

This year, SCG has continued to drive the concept through "SD Symposium" under the theme of "SD Symposium 10 Years: Circular Economy - Collaboration for Action," with the goal to strengthen collaborations of the government, business sector, and consumers. The effort is to build a combined force in establishing the Circular Economy in Thailand to achieve sustainable development goals.

### Schedule Details of SD Symposium 10 Years: Collaboration for Action

#### Morning Session (Plenary Session)

- Welcoming remarks:
  - Mr. Roongrote Rangsiyopash, President and CEO of SCG
- Opening Address:
  - Ms. Deirdre Boyd, United Nations Resident Coordinator in Thailand
    - United Nations Resident Coordinator in Thailand since July 2017

- Many years of experience working across a range of sustainable development issues, including in sensitive diplomatic contexts

- **Inspiration Talk “Circular Economy – Act Now for A Better World”**

Discussion about guidelines and way to drive the circular economy from real-world experiences of representatives from of various sectors.

- **Dr. Suvit Maesincee, Minister of Higher Education, Science, Research and Innovation**

- Overview of solutions to environmental issues and resource scarcity with the circular economy and the government’s role in driving circular economy in Thailand

- **Mr. Lars Svensson, Sustainability & Communication Director, IKEA Southeast Asia**

- Sustainability and Communications Director and Group Sustainability Manager of IKEA Southeast Asia and Ikano Group
- He plays a major role in driving sustainable development at IKEA
- Overview of how the circular economy can benefit private sector and how to integrate the circular economy to develop IKEA’s products and services.

- **Mr. Amorphol Huvanandana, Co-Founder of Moreloop (Thai startup)**

- 15 years of experiences in financial services
- Co-founder of Moreloop with a notion that an online platform can solve issues and add value to surplus fabric from textile factories. Researcher on circular economy-related study on PET bottle and aluminum material management in Thailand with Gone Adventurin' Pte Ltd.
- Overview of the circular economy and opportunities for new businesses and Moreloop’s commitment to driving circular economy.

- **Ms. Rarin “Lilly” Sathitthanasan, Young Thai Environmental Activist**

- Youth perspective on environmental issues and concerns about global situations. The efforts to help solve environmental problems and expectation from all sectors to solve the issues.

- **Panel Discussion “Accelerating Circular Economy through Collaboration”**

Discussion on collaboration to help propel circular economy and forge an international network between businesses. Representatives of industrial partners will join to exchange views and ways to create collaboration to make the Circular Economy a reality.

**Speakers:**

- **Mr. Craig Buchholz, Chief Communication Officer, P&G (Represent Alliance to End Plastic Waste - AEPW)**

- Mr. Benjamin Sporton, Chief Executive, Global Cement and Concrete Association (GCCA)
- Mr. Graham Houlder, Project Co-ordinator, Circular Economy for Flexible Packaging (CEFLEX)
  - CEFLEX coordinator and Managing Director of SLOOP Consulting B.V. that offers products, services on consultations of packaging and sustainable development
  - Experience on research and development, management, packaging design, restructuring supply chain, sustainable development and CSR
- Dr. Kongkrapan Intarajang, Chief Operating Officer-Upstream Petrochemical Business of PTT Global Chemical Plc.
- Moderated by Mr. Brendan Edgerton, Circular Economy Director of World Business Council for Sustainable Development (WBCSD)
  - Contributing over 10 publications on the circular economy
  - Co-developed and launched “Factor10”, WBCSD’s circular economy program with almost 40 members, spanning across 15 industries in 17 countries.

#### Afternoon session (Interactive Breakout Sessions)

##### **Room 1: Thailand Waste Management Way Forward**

Introduction to an overview of global best practices on waste management in Yokohama, Japan, and key to achieve waste management in cities. This will lead to the workshop to seek solution for Thailand’s waste management. Moreover, a workshop will be held to seek solutions to waste management in Thailand, with representatives from relevant agencies joining in with the aim to offer an opportunity for participants to share their thoughts and ideas and offer solutions and suggestions as a group. After the workshop, the organizer will summarize the solutions into a Strategy for Waste Management in Thailand which will be presented to the prime minister to encourage implementation of the strategy.

##### **Speakers:**

- Mr. Gen Takahashi - General Manager, Overseas Administration Department, JFE Engineering Corporation
  - He plays a major role in global business development in collaboration with government ministries, local authorities, international organizations and other stakeholders to drive on waste-to-energy movement

- Mr. Varoon Varanyanond, Industrial Partnership Advisor of Center of Excellence on Petrochemical and Materials Technology (PETROMAT) and Assistance Project Manager for Chula Zero Waste Project, Chulalongkorn University
- Mr. Kamol Borrisuttanakul, Chief Financial Officer of TPBI Public Company Limited
- Mr. Worakit Muangthai, Managing Director of Farm D Service Co., Ltd
- Mr. Burin Tangsilpaolarn, Project Development Manager of Suez (South East Asia) Ltd.
- Dr. Jitraporn Phaksopa, Lecturer-Department of Marine Science, Faculty of Fisheries, Kasetsart University
- Moderated by Mr. Kittu Singhapat

## Room 2: Transformation to the Circular Built Environment

Discussion on ideas to design and management in construction sector to meet the needs of sustainable development, especially on the topic of reducing construction waste. The session will discuss current construction trends, from the design process to the integration of technology that aligns with sustainable development. Participants will hear about the experiences of an international contractor, while experts from the construction industry, such as BIM -- developer of platforms for design and construction, property developers, leading domestic and international construction firms, architects, and SCG as a provider of solutions and construction materials will share their experiences.

### Speakers:

- Mr. Johannes Reischböck, Chief Operating Officer, Director and Co-Founder, BIMobject AB
- Mr. Satoshi Suzuki, General Manager, Business Development Building Department, Obayashi Corporation
  - 29 years of experience in developing construction projects from large-scale development to mass transportation systems in Japan, the United States, the Middle East and Europe
- Mr. Prabhakorn Vadanyakul, Managing Director, ARCHITECTS 49 LIMITED
- Dr. Narongwit Areemitr, Executive Director, ARCHITECTS 49 LIMITED
- Mr. Suttha Ruengchaipaiboon, President, Magnolia Quality Development Corporation Limited (MQDC)
  - Over 28 years of experience in project management in real estate development
- Mr. Nantapong Chantrakul, Managing Director of the Concrete Products and Aggregate Company Limited (CPAC), Cement-Building Materials Business, SCG
- Moderated by Prof. Dr. Amorn Pimanmas, President of TBIM - Thai BIM Association

### Room 3: Partnerships for Circular Economy (In collaboration with UNOSSC)

A platform session that allow participants from organizations, foundations, and ASEAN-level and international organizations to voice their ideas, perspectives and experiences to drive the implementation of circular economy and sustainable development.

#### Speakers:

- Mr. Jorge Chediek, Director and Envoy of the Secretary-General on South-South Cooperation, UNOSSC
- Mr. Denis Nkala, Regional Coordinator and Representative, The United Nations office for South-South Cooperation (UNOSSC), Asia and the Pacific Office
- Mr. Doulaye Kone, Deputy Director, Bill & Melinda Gates Foundation
- Mr. Svein Rasmussen, CEO, Starboard
- Ms. Kakuko Nagatani-Yoshida, Regional Coordinator for Chemicals, Waste and Air Quality, Asia and Pacific Office, UN Environment
- Mr. Pham Hoang Hai, Partnership Development Head - Vietnam Business Council for Sustainable Development (VBCSD) - Vietnam Chamber of Commerce and Industry (VCCI)
- Dr. Safri Burhanuddin, Deputy IV of Coordinating, Ministry for Maritime Affairs of Republic Indonesia
- Moderated by Ms. Anthea Mulakala - Senior Director, International Development Cooperation, The Asia Foundation

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