



## **Welcoming Remarks:**

### **Mr. Roongrote Rangsiyopash Chief Executive Officer of SCG**

A rising global population brings forth an increasing demand for resources. Also, the demand for resources is forecasted to triple by 2030.

Due to the continued economic growth, particularly in ASEAN, many countries are steering toward developments and stepping up production to feed the world market, contradicting a relentless decline in resources from continuing destruction and futile utilization. These imbalances have tremendously impacted the world.

At the same time, once the resources are utilized, they will then result in massive amounts of waste. One Thai person currently generates 1.1 kilograms of waste per day. In fact, up to 60 percent of these wastes can be recycled, but only about 31 percent is actually being recycled. We haven't laid emphasis on this issue. We have missed out tons of opportunities to make the most out of it.

The circular economy to be discussed today is a concept that could bring right solutions. It will enable us to use a sufficient amount of resources to achieve desired ends to create zero waste in the processes of production, consumption and end-of-life management.

However, to develop the full and sustainable circular economy, it needs collaborations of all sides. As a private sector, SCG proposed to be one of the crucial driving forces, teaming up with other related parties to create the circular economy and promote true sustainability for environment, society, and community.

The event "SD Symposium 2018" took place to raise awareness and inspire all sectors across the value chain ranging from the producer, consumer, civil society, and government. We are honored to have members from global organizations, government, entrepreneurs, SMEs, Startups, and communities, i.e., Dow Chemical, Dupont, Michelin and Packaging Business of SCG here to share their useful insights and new perspectives on the circular economy that could bring positive solutions to the world. We also have the keynote speech about the circular mindset from World Business Council for Sustainable Development and seminars on several topics in afternoon sessions.

Distinguished guests, SCG has applied the circular economy approach by employing three core strategies:

One. Reduced Material Use or Increased Durability. By reducing materials used in manufacturing, such as corrugated Green Carton which utilizes 25% less raw materials yet still durable. It helps consumers save transportation costs as well as minimizing the production and sales of single-use plastic from 46% to 23% in the past ten years.

This approach also helps save consumers' electric costs. With Active AIRflow System, a ventilation system that can cool down indoor temperatures with no heat, saving money on conditioning; and strengthen product durability such as marine cement which can last twice as long.

Two. Upgrade and Replace. By creating innovations to substitute existing products or raw materials with more efficient ones, we use fewer resources and make them more recyclable. For example, the SCG's advanced technology of polyethylene can use recycled plastic up to two times. Furthermore, the SCG Hybrid Cement which can replace conventional cement for structural work can lessen the use of heated powdered limestone.

Three. Reuse and Recycle. By developing cyclability and reusability, for example, we establish Paper Bailing Stations to collect paper waste or turning glass bottles into the sand as a substitute for natural sand in manufacturing insulations; developing CIERRA, a functional material with the enhanced plastic properties that can be utilized for several applications to replace materials that are difficult to recycle, bringing about a more efficient recycling loop; and use ocean plastic debris and plastic waste in communities to make fish homes to preserve marine ecosystems.

Furthermore, SCG will collaborate with all domestic and international parties to create a full circular economy. In the afternoon, there will be seminars and discussions with business leaders from Bangchak, Dow Chemicals, Tesco Lotus, Panasonic who come to join the effort to find a solution for the global resource issues.

Lastly, I would like to thank Deputy Prime Minister and all distinguished guests who come to share valuable experiences. Also, I would like to thank all of our guests and the media for expressing the intention to drive the circular economy efficiently. I am very much hoping that this event will kickstart participation of all parties, i.e., the government, the private sector and the public in addition to driving innovations and environmentally friendly process to establish a foundation toward sustainable development and be part of the national key strategies for Thailand 4.0 in the future.