





Benefits and Basis of

Sustainable Public Procurement (SPP)

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Regional Policy Advocacy Component - RPAC



framework advocated at regional, sub-regional and national levels are shared with other regions and globally



scp policy instruments effectively demonstrated in regional, sub-regional and national fora



Uptake of SDG 12 and SCP related policies supported in the target countries





SPP for Sustainable Development Goals (SDGs)



The 10YFP / One Planet is a multi-stakeholder network that is building the global movement for sustainable consumption and production through 6 Programmes:



Sustainable













Sustainable Tourism PROGRAMME Committed to drive the change



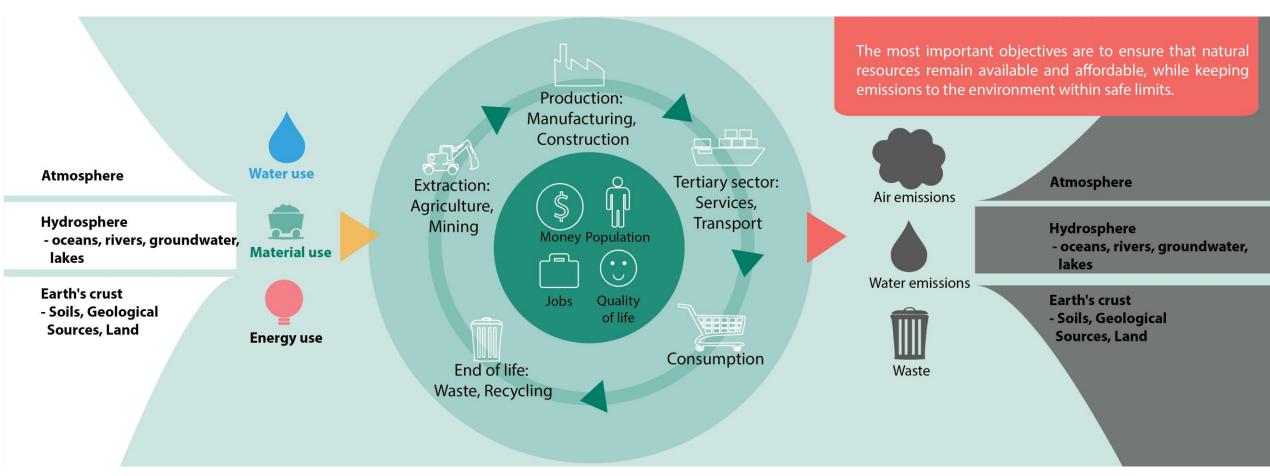
Sustainable **Public Procurement PROGRAMME**







Linear to Circular Economy for the EU Green Deal







Decoupling through Circular Economy

Natural Resources



In 2015, Asia and the Pacfic represents 63% of global material use.

GHG emissions

GHG emissions from 330% the region grew by 330%, including increase in short-lived climate pollutants

Plastic



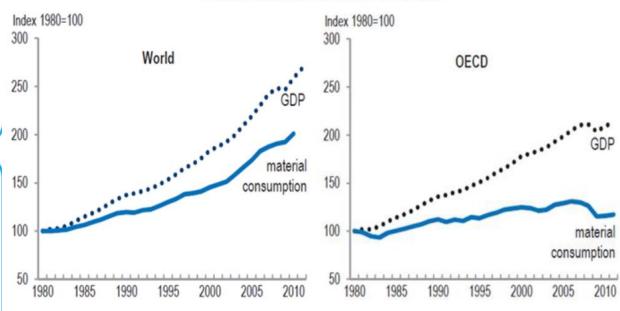
6,300 Mt of plastic waste has been generated as of 2015. Of this waste, 9% has been recycled, 12% incinerated, and 79% has accumulated in landfills or the natural environment.

Air pollution

Air pollution is 70% responsible for more than 6.5 million deaths annually, the bulk of which - 70 % - occurs in Asia Pacific.

Source: APCAP, 2018



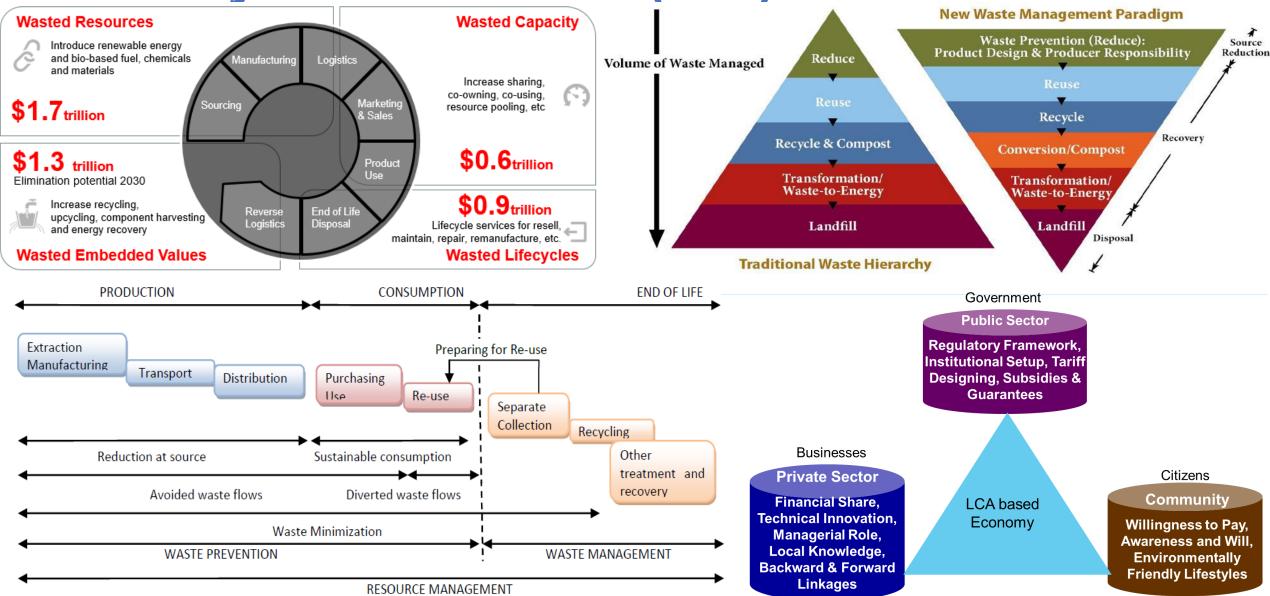


Source: OECD (2015) based on SERI/WU (2014) material flows database





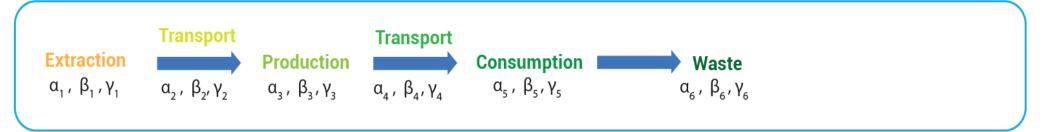
Life Cycle Assessment (LCA) Basis for SPP



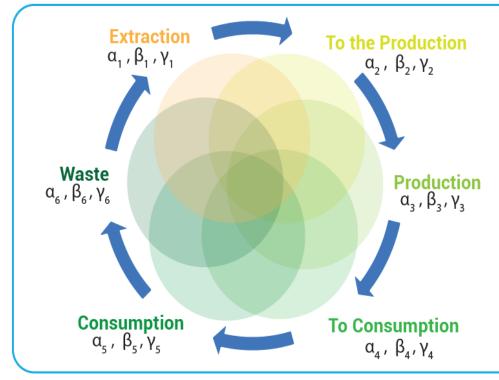


Setting the Objectives for SPP based on LCA

Linear & Inefficient



Circular Economy



Benefits

- 1. Efficiency in Cycle
- Extended Life including 2nd (Refurbishment) & 3rd (Remanufacturing)
- 3. Green Supply Chain
- 4. Efficiency of Product Use

Improvement $\alpha - \Delta$

β - Δ

γ - Δ

Legend

α = Resource Required

 β = Environmental Damage

γ = Waste

 Δ = Reuse, recycle





Benefits of SPP – Circular Economy

Business model	Description	Illustration
Circular Supply Chain	Provide renewable energy, bio-based- or-fully recyclable input materials to replace single life-cycle inputs	BASF is replacing finite fossil resources with sustainably produced renewable resources through its innovative production Verbund Biomass Balance approach
Recovery & Recycling	Recover useful resources / energy from disposed products or by-products	Nike reuses and recycles footwear manufacturing scrap and post-consumer shoe wastage, converting it into raw material for other sports equipment manufacturing players
Product Life Extension	Extend working lifecycle of products and components by repairing, upgrading and reselling	Patagonia launched an online store where customers trade-in their used clothing in return for store credit, thereby extending the life of products
Sharing Platform	Enable increased utilization rate of products by making possible shared use, access or ownership	Airbnb operates as an online marketplace for people to lease or rent short-term lodging, facilitate tourist experiences or make restaurant reservations
Product as a Service	Offer product access and retain ownership to internalize benefits of circular resource productivity	Philips offers lighting as a service, wherein users are required to pay for the consumed intensity (rather than for the product)





Support Policy Development and Enhancement

Support Establishment of **Policy Implementation Basis**

Support Policy Implementation

Proliferate Outcomes and Develop Follow-up Project

Propose to Revise or Modify the Legal Framework

· Propose legal review and revision for implementation of GPP

Assist Establishment of **GPP** Criteria

· Support establishment of criteria for GPP products

Develop GPP Guidelies

· Develop guidelines incorporating green procurement into existing public procurement procedures

Capacity-Building & Awareness-raising

· Hold workshops for policy-makers, procurers and companies

Propose GPP Roadmap

 Suggest short-term roadmap for transferring know-how and supporting implementation of GPP

Recommend GPP Transfer of Know-how Incentive Mechanisms

 Recommend GPP incentives through benchmarking

Assist Establishment of **GPP Criteria**

· Support establishment of criteria for GPP products

· Host an event to support networking between Korea and Thailand experts

Awareness-raising & **Public Outreach**

· Hold events to promote GPP of construction & building materials

Outcomes and Follow-up Project

- Proliferation of outcomes and propose measuresto cooperate with other similar projects
- · Development of follow-up project after completion of pilot project







Thank You

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