



# SUSTAINABLE CONSUMPTION AND PRODUCTION

DRAFT

## Asia Pacific Roadmap 2016-2018



## Introduction

The Asia Pacific region is home to two thirds of the world's population covers half the planet surface and consumes over 50% of the world's natural resources. While the region has made major improvements in human development over the past decades, this has been accompanied by a rise in environmental degradation and resultant health and economic impacts. Sustainable Consumption and Production (SCP) has emerged as a regional priority in the past years as a means to shift development towards a resilience and sustainable path. Per capita resource use rates are now at 9 tonnes per capita per year and growing at a rate of 5% per year, and yet, a large proportion of economic development and infrastructure investment lies ahead of the region in the immediate future.

In the key domains of SCP, such as tourism, public procurement (which includes capital investment or infrastructure), sustainable food systems, buildings, lifestyles and consumer information, the region is experiencing a constantly dynamic situation. This provides an opportunity to integrate SCP at early stages of development, before unsustainable patterns of consumption and production are locked in and necessitate an unravelling.

Many partners are active in SCP in the region, including through the Asia Pacific Roundtable on SCP (APRSCP) and a wide range of multilateral actors have been active the past decade and more. With the adoption of the 10 Year Framework of Programmes on Sustainable Consumption and Production (10YFP) at Rio 2012, and the Sustainable Development Goals (SDGs) which heavily feature SCP, the frameworks for cooperation are now firmly in place. In fact, SCP has been recognized as an integral part of the 2030 Agenda for Sustainable Development. It has been identified as a stand-alone Sustainable Development Goal (SDG 12) and as a central component of many of the 17 goals and 169 targets.

UNEP and the APRSCP, in collaboration with Japan (Ministry of Environment) and the Republic of Korea (represented by the Korea Environmental Industry & Technology Institute (KEITI) acting as the Asia Pacific Board Members of the 10YFP, the Ministry of Environment and Forestry (MoEF) of Indonesia, and the Institute for Global Environmental Strategies, initiated a consultative process for the development of a Regional SCP Roadmap for the Asia Pacific region. The objective of this process is to set a shared agenda, and to focus stakeholder activities in the region in terms of delivering on the SCP related Sustainable Development Goals (SDGs), including the 10-Year Framework of Programmes on SCP and other SCP mandates at regional and sub-regional levels. This SCP roadmap is also intended to reflect countries' needs for regional and national level activities, and provide a mechanism for collaboration and coordinated investment in efforts between interested partners.

The Asia Pacific region already has a strong platform for cooperation and coordination action on SCP and key assets, including a strategic approach to SCP at the regional level, actively engaged 10YFP Board members, the APRSCP as well as sub-regional fora on SCP, 30 countries engaged through their 10YFP National Focal Points, regional Stakeholder Focal Points, over nearly 70 governments and organizations engaged at various levels in the 10YFP programmes, and many more through key projects such as SWITCH-Asia supporting implementation at regional and national levels.

The new roadmap will seek to consolidate these efforts even further, with a view of strengthening synergies and bringing all networks together for greater collective impact in the region. It also responds to the need for enhanced regional partnerships to support the implementation of the 2030 Development agenda, and the SCP related SDGs. In this regard the Regional SCP Roadmap for Asia Pacific will reinforce regional efforts and create a platform to mobilize and share knowledge, expertise, technology and financial resources, to support the implementation of the SCP related SDGs, and the 10YFP in all countries in the region.



# Status Assessment

**The first Regional roadmap on SCP implementation in Asia Pacific.** SCP has been a domain of regional cooperation since the 1990s, through the establishment of the Asia Pacific Roundtable on SCP (APRSCP) in 1999, as well as the network of National Cleaner Production Centers. Since 2009, SCP has risen in the regional policy agenda as stakeholders in policy, business and civil society recognised the growing volume of production and consumption, and the opportunities of SCP to support a greener growth pathway. Key milestones have included the ESCAP SCP report in 2009, the launch of the SWITCH-Asia Regional Policy Support Programme in 2011, which conducted a capacity building and policy needs assessment for 17 countries, and regional SCP consultation forums in Yogyakarta (2011) and Bangkok (2012). The 2012 regional SCP consultation followed the adoption of the 10YFP at the Rio+20 Summit, which prompted policy stakeholders at the consultation to request “action”. This call for action led to the development of the first Regional Roadmap for Implementation of the 10YFP in the Asia-Pacific region.

In 2013, stakeholders from the Asia-Pacific region convened at the “First Asia-Pacific Regional Meeting on the 10YFP” in order to develop a Roadmap for Implementation of the 10YFP in the Asia-Pacific region. Under the leadership of the two Asia-Pacific Board members, Indonesia and the Republic of Korea, participants provided their feedback and inputs to a draft version of the roadmap, including the proposal of specific activities and objectives. The roadmap contacted horizontal activities that touched the fundamental crosscutting nature of SCP, as well as having thematic chapters on the 10YFP programmes: Consumer Information, Sustainable Lifestyles and Education, Sustainable Public Procurement, Sustainable Buildings and Construction, Sustainable Tourism.

The Regional Roadmap contained 29 activities, of which 19 were completed within the implementation period, 3 were not completed (in buildings and construction) and 7 were still ongoing in 2016. Annex 2 contains a full list of activities and their status. Notable highlights of implementation include the establishment of sub-regional forums on SCP for ASEAN and South Asia (through SACEP), the development of SCP Winter Schools for young professionals, the launch of a regional database of SCP indicators, as well as a Sustainable Consumption guide for policy makers, the launch of the 4 Billion Dreams campaign (in 2016), an Asia-Pacific recognition awards programme for sustainable tourism, and support to the ASEAN+3 Network on SPP and Eco-labelling. This first regional roadmap on SCP highlighted the need to engage a wide range of partners for implementation, and strengthening in particular the regional implementation of the 10YFP thematic programmes.

**Key policy dialogue and delivery platforms in Asia Pacific on SCP.** Given the crosscutting nature of SCP, a large variety of programs and platforms that support SCP exist across the region, particularly at the thematic or sectoral level. Below is a short list of platforms and programs that directly address

SCP from a crosscutting perspective Cooperation and policy dialogue at the regional and sub-regional level.

**The Asia Pacific Roundtable on SCP (APRSCP)** is an Asia-focused international, nongovernmental, non-profit, network institution that promotes sustainable consumption and production in the Asia-Pacific. The APRSCP is a multi-stakeholder dialogue that aims to enhance and strengthen regional cooperation in the development and implementation of sustainable consumption and production (SCP) strategies, and to promote best practices, programs, local initiatives, and lessons learned on SCP related projects in Asia and the Pacific region. Its mission is to provide leadership and support that will enhance information flow and human resources development, and will strengthen public/private partnerships to stimulate the promotion and implementation of sustainable consumption and production policies, strategies and technologies in the region.

**The ASEAN Forum on SCP: The ASEAN Forum on SCP** was formed in 2013 when ASEAN Ministers issued a Joint Statement on the Implementation of SCP in ASEAN committing to strengthen cooperation within ASEAN+3 on SCP implementation through the establishment of the ASEAN Forum on SCP. This is a voluntary policy mechanism provides a venue for policy dialogue and collaboration on SCP national and regional strategies for implementation in the region.

**The Regional Coordination Mechanism for Implementation of the SDGs.** Thematic WG on Resource Efficient Growth: Convened by UNESCAP, and co-chaired by UNEP, UNDP and ESCAP, the thematic working group on resource efficient growth will support the interagency follow up and review of the environmental dimension of the Roadmap for implementing the 2030 Agenda in the Asia-Pacific. This includes SDG 12, to Ensure sustainable consumption and production patterns. It also aims to ensure regional coherence, synergy and maximize the combined impact from the efforts of UN system and other partners in support of implementing SCP/RE related Sustainable Development Goals.

**Regional 3R Forum in Asia and the Pacific:** As joint initiative of UNCRD and the Ministry of the Environment of the Government of Japan, the “Regional 3R Forum in Asia and the Pacific”, launched in 2009, is a high level policy forum convened annually with an objective to advance implementation of the 3Rs (including resource efficiency) related policies, programmes and measures in the region. The overall goal of the Regional 3R Forum in Asia-Pacific is to achieve low carbon and sound material-cycle societies in the region by facilitating bilateral and multilateral cooperation. In support of the 2030 Agenda for Sustainable Development and SDGs, the Forums aims to facilitate high-level policy consultations (with the involvement of relevant line ministries and agencies) towards integration of 3R in the overall policy, planning and development at local and national level.

# Delivery Platforms and Mechanisms for regional/national implementation for SCP

## The 10 Year Frameworks of Programmes on SCP (10YFP)

The 10YFP is global framework for action on SCP that was adopted at the Rio+ 20 Conference in 2012. At its core are the programmes which contributes to meeting the objectives, goals and functions of the 10YFP, responding to national and regional needs, priorities and circumstances. The programmes build capacity to implement policies, voluntary instruments, management practices, information and awareness raising activities to promote the shift to SCP patterns. The following six thematic programmes have been approved by the 10YFP Board:

- Consumer information
- Sustainable lifestyles and education
- Sustainable public procurement
- Sustainable buildings and construction
- Sustainable tourism
- Sustainable food systems

## Networks of National Focal Points on SCP

The Asia Pacific Governments have appointed 10YFP National Focal Points (NFP) for engagement with the 10-year framework of programmes, with a view to ensuring contact and coordination with the board and the secretariat. A network of National Focal Points has also been established to maintain coordination and engagement with the SWITCH-Asia Regional Policy Support Component. The NFPs are mostly from the Ministry of environment, but also include members from Foreign Affairs, Development, Economics, Trade, Agriculture, Industry and Tourism ministries, among others.

## SWITCH-Asia Regional Policy Support Component

The goals of the European Commission's SWITCH-Asia programme is to promote economic prosperity and help reduce poverty in Asia by encouraging a sustainable growth with low environmental impact from industries and consumers, in line with international environmental agreements and processes. It has three branches: (1) Projects - currently a portfolio of 80 demonstration projects, (2) Policy Support Component - including a regional program managed by UNEP, and 5 national policy programmes in Indonesia, Malaysia, Philippines, Thailand and Sri Lanka, (3) Network Facility - a platform for networking and information exchange on SCP.

The SWITCH-Asia Policy Support Component is implemented by UNEP and seeks to advance sustainable development in the Asian region by strengthening regional, sub-regional and national policies on Sustainable Consumption and Production (SCP).

## Main Goal, Objectives and Outcomes

- I. Mainstream SCP as an integrative approach to deliver on the SDGs and 10YFP;
- II. Development of government and stakeholder capacity to implement SCP policies and programs in specific SCP domains;
- III. Strengthen linkages between new and existing cooperation, dialogue and delivery platforms for SCP in Asia-Pacific;
- IV. Monitoring SCP/RE (both the resource use data as well as the platform to understand who is doing what).

# Programmes and Thematic Priorities

for 2016-2018

## Key Thematic Action Areas

#	Thematic Area	SDG Target (Indicator)
1	<p><b>Mainstreaming SCP into national policies/strategies</b></p> <p><b>Horizontal activities including:</b></p> <ul style="list-style-type: none"> <li>• Commitment to national roundtables on SCP and multi-stakeholder consultations to formulate National Action Plans or policies on SCP</li> <li>• Ensuring all countries have indicators and analysis</li> <li>• Multi-stakeholder partnerships for SCP including thematic and sub-regional platforms</li> </ul>	<p><b>12.1.</b> Implement 10YFP (National Action Plan or policy on SCP)</p> <p><b>8.4.</b> Resource Efficient economic growth, 10YFP (Domestic Material Consumption, Material footprint -total, per cap, per \$)</p> <p><b>12.2.</b> Sustainable management and efficient use of natural resources (Domestic Material Consumption, Material footprint -total, per cap, per \$)</p> <p><b>12.5.</b> Reduce waste generation (national recycling rate, tons of material recycled)</p> <p><b>12.a.</b> Strengthen scientific and technological capacity for SCP (R&amp;D for SCP and EST)</p> <p><b>17.16.</b> Multi-stakeholder partnerships for SDGs (#countries reporting SDG progress through multi-stakeholder partnerships)</p> <p><b>17.18.</b> Capacity building for availability of data</p> <p><b>17.19.</b> Measurements of sustainable development that complement GDP, and support statistical capacity-building</p>
2	<b>Sustainable Buildings and Construction</b>	<p><b>11.6.</b> Reduce the adverse per capita environmental impact of cities</p> <p><b>11.c.</b> Sustainable and resilient buildings (% financial support for RE buildings)</p> <p><b>12.1.</b> Implementation of the 10YFP (national action plan or policy on SCP)</p>
3	<b>Sustainable Public Procurement</b>	<b>12.7.</b> Sustainable public procurement (#countries implementing SPP)
4	<b>Sustainable Lifestyles and Education</b>	<p><b>12.1.</b> Implementation of the 10YFP (national action plan or policy on SCP)</p> <p><b>12.8.</b> Education and sustainable lifestyles (Extent of ESD)</p> <p><b>17.9.</b> Capacity building for implementation of SDGs (\$ financial and tech assistance)</p>
5	<b>Sustainable tourism</b>	<p><b>12.1.</b> Implementation of the 10YFP (national action plan or policy on SCP)</p> <p><b>12.b.</b> Sustainable tourism monitoring (#Tourism strategies with monitoring tools)</p> <p><b>8.9.</b> Sustainable tourism policies (GDP/GDP growth from Tourism)</p> <p><b>14.7.</b> Sustainable Tourism in marine ecosystems, SIDS (Sustainable fisheries as % of GDP)</p>
6	<b>Consumer information/ Eco-Labeling</b>	<p><b>12.1.</b> Implementation of the 10YFP (national action plan or policy on SCP)</p> <p><b>12.6.</b> Sustainability information in company reporting (#companies with reports)</p>
7	<b>Sustainable industry/SMEs</b>	<p><b>9.4.</b> Sustainable, resource efficient industries (CO2/\$ value added)</p> <p><b>12.1.</b> Implementation of the 10YFP (national action plan or policy on SCP)</p>

# Key Thematic Sectors

## 1. Mainstreaming Sustainable Consumption and Production (SCP)

### Key objectives

The Regional SCP Roadmap will seek to promote initiatives and activities that foster a stronger foundation for the implementation of SCP at the regional and national level for the mainstreaming of SCP through multi-stakeholder partnerships for SCP, the establishment of National SCP Action Plans, and the promotion of SCP indicators as a sound scientific knowledge base for SCP policy interventions.

To promote the establishment of a strong regional and national foundation for the implementation of SCP enabling frameworks, the roadmap will focus on the following objectives:

- Guidelines on how to plan, develop, implement and monitor national programmes on promoting sustainable consumption and production (SCP)
- Foster the importance of obtaining high-level commitment at both the regional and national, establishing multi-stakeholder processes, and setting objectives and indicators, preferably integrated with existing strategies on sustainable development and poverty reduction
- Support countries to strengthen their scientific and technological capacity to implement SCP policies and initiatives utilizing the SCP Indicators Database

### Links to SDGs and the 10YFP:

Activities in this sectoral work package will contribute the implementation of the following sustainable development goals (SDGs):

- **8.4:** Improve progressively, through 2030, global resource efficiency in consumption and production and endeavour to decouple economic growth from environmental degradation, in accordance with the 10-year framework of programmes on sustainable consumption and production, with developed countries taking the lead
- **12.1:** Implement the 10-year framework of programmes on sustainable consumption and production, all countries taking action, with developed countries taking the lead, taking into account the development and capabilities of developing countries (SDG 12.1.1 Indicator). The number of countries with sustainable consumption and production (SCP) national action plans or SCP mainstreamed as a priority or target into national policies)
- **12.2:** By 2030, achieve the sustainable management and efficient use of natural resources
- **12.5:** By 2030, substantially reduce waste generation through prevention, reduction, recycling and reuse
- **12.a:** Support developing countries to strengthen their scientific and technological capacity to move towards more sustainable patterns of consumption and production
- **17.16.** Multi-stakeholder partnerships for SDGs
- **17.18:** Capacity building for availability of data
- **17.19:** Measurement of sustainable development that compliments GDP, and support statistical capacity building



## Existing institutions, stakeholders and programs on mainstreaming SCP and building scientific and technological capacity (International and National)

### International and regional stakeholder:

- 10YFP on SCP
- Asia Pacific Roundtable on SCP (APRSCP)
- SWITCH-Asia
- South Asia Forum on SCP
- ASEAN Forum on SCP
- Regional 3R Forum in Asia Pacific

### National stakeholders

- Ministries
- Implementing Public Agencies
- Local government and municipalities
- Non-governmental organizations (NGOs)
- Donor and development agencies
- Private sector enterprises (MSMEs/SMEs)
- Academia (Universities and research organizations)

## Priority Roadmap Activities

### A. Regional and sub-regional policy dialogue, training and networking activities

- A1: Provide SPP awareness raising and capacity building through established sub-regional SCP fora, including stronger networking and dialogue through the 10YFP SPP Programme (annual meeting of Asia Pacific GPPEL network)
- A2: Increase the number national experts trained through the Asia-Pacific Network of GPP, EL experts and Policy Makers
- A3: Annual sub-regional SCP Forums to address sub regional policy needs and to hold thematic policy dialogues and training (ASEAN Forum on SCP, South Asia Forum on SCP)
- A4: Sharing the experiences, take action, and review the progress on 3R elements of SCP at the regional 3R Forum in Asia Pacific and draw synergies between subregional SCP Forums and the Regional 3R Forum

**Potential Partners:** APRSCP, ASEAN, SACEP, 10YFP Secretariat, Governments, UN ESCAP, UNCRD

### B. Support for national roundtable and action plan on SCP

- B1: National governments hold periodic national multi-stakeholder roundtables on SCP to launch the process of developing NAP on SCP or mainstreaming SCP into SDG development strategies by defining clear goals, targets and indicators for Asia Pacific countries. Mobilisation of financial and technical support to help developing countries kick-start the mainstreaming process.

#### National programs may also include the following:

- Establish national multi-stakeholder group to develop a scoping paper, setting up an institutional framework, selecting priority areas, objectives, targets and SCP indicators
- Identify key partnerships and investment opportunities for the future implementation of the SCP national action plans and/or revised strategies
- Organize high level political event to validate and launch officially SCP national action plans and/or revised strategies
- Develop sectoral policies in response to priorities identified in existing national SCP action plans or related strategies for Asia Pacific countries
- Demonstration projects (including at the sectoral level) to advance the implementation of the national action plans on SCP or related strategies
- Technical assistance and training provided. Key partners accompanied along the demonstration project, and demonstration project undertaken

**Potential Partners:** Ministries, Implementing agencies, 10YFP Secretariat, SWITCH-Asia, Donors and development agencies, Academia

## C. Regional or national awareness raising campaigns

- C1: Regional engagement campaign on SCP that allows citizens across Asia to engage on SCP, building on existing campaigns such as #SCP2Me.
- C2: Regional awareness raising campaign on SCP that demystifies SCP concepts
- C3: Sub-regional capacity building workshops on how to design and implement awareness raising campaigns.

## D. Regional and national technical analysis for policy development

- D1: National reports that interpret SCP to the national context, outlining the status of SCP in policy and implementation, and identifying priority areas for action, and supporting communication and awareness raising at the national level.
- D2: Scoping studies on SCP indicators and monitoring frameworks at the national level, including proposals of indicators to be incorporated into national strategies and development plans
- D3: Training workshops on indicator data collection and guidelines on the use of indicators in decision making
- D4: Development of SCP Indicator snapshots based on household consumption, public procurement and capital investments
- D5: Develop a trans-disciplinary research project addressing SCP in the region, approaches to sufficiency and efficiency, governance of SCP from the viewpoint of SDGs

## 2. Sustainable Public Procurement

### Key objectives

The Regional SCP Roadmap will seek to support capacity building and provide technical assistance to countries in Asia Pacific to strengthen the implementation of sustainable public procurement policies and initiatives.

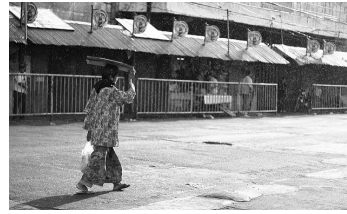
With governments responsible for significant portions of national spending, up to 30 per cent of gross domestic product (GDP) in some cases, the promise of “greening” spending can enable policy makers to lead by example when it comes to sustainable development. With governments taking the lead towards more green spending they can lead vast supply chains towards implementing more sustainable practices, achieving environmental, social, and economic policy objectives.

To promote the shift towards more green public spending the roadmap will aim to promote the following key objectives:

- Improve the knowledge on SPP and its effectiveness as a tool to promote SCP and greener economies
- Support the implementation of SPP at the national level through increased collaboration, better access to capacity building tools and provide support for policy development







## Links to SDGs and the 10YFP:

Activities in this sectoral work package will contribute the implementation of the following sustainable development goals (SDGs):

- **12.7:** Promote public procurement practices that are sustainable, in accordance with national policies and priorities
- **12.1:** Implement the 10-year framework of programmes on sustainable consumption and production, all countries taking action, with developed countries taking the lead, taking into account the development and capabilities of developing countries

The 10YFP Sustainable Public Procurement objectives are:

- To improve the knowledge on SPP and its effectiveness as a tool to promote SCP and greener economies
- Support the implementation of SPP at the national level through increased collaboration, better access to capacity building and provide support for policy development

## Existing institutions, stakeholders and programs on mainstreaming SCP and building scientific and technological capacity (International and National)

### International and regional stakeholder:

- 10YFP Programme on Sustainable Public Procurement and its partners in Asia Pacific
- SWITCH-Asia
- APRSCP
- South Asia Forum on SCP
- ASEAN Forum on SCP
- GIZ
- ICLEI East Asia Secretariat
- UNEP
- KEITI

### National stakeholders

- Ministries
- Implementing Public Agencies
- Local government and municipalities
- Non-governmental organizations (NGOs)
- Donor and development agencies
- Private sector enterprises (MSMEs/SMEs)
- Academia (Universities and research organizations)

## Priority Roadmap Activities

### A. Regional and sub-regional policy dialogue, training and networking activities

- A1: Provide SPP awareness raising and capacity building through established sub-regional SCP fora, including stronger networking and dialogue through the 10YFP SPP Programme (annual meeting of Asia Pacific GPPEL network)
- A2: Increase the number national experts trained through the Asia-Pacific Network of GPP, EL experts and Policy Makers

**Potential Partners:** Ministries, 10YFP SPP Programme and its partners, SWITCH-Asia RPSC, Donor agencies and academia

## B. Implementation tools and knowledge products (methodologies, toolkits, guidelines, standards)

- B1: Apply SPP training module for Asia Pacific region, developed by SPP Programme
- B2: Development of report on Best practices of Sustainable Public Procurement and the use of eco-labelling in the Asia Pacific. (Comparative case study on GPPEL of China, Japan, Korea and Thailand to be released in 2016)
- B3: Global Review on Sustainable Public Procurement 2016 (including national factsheets on SPP of countries)
- B4: Provide a set of measurable criteria on measuring SPP indicator of SDGs (Ad-hoc group on SDG 12.7.1)
- B5: Development of a report on the identification of barriers of SMEs to GPP and policies that facilitate increased access for SMEs to GPP

**Potential Partners:** 10YFP SPP Programme and its partners, SWITCH-Asia RPSC, 10YFP MAC Members, Donor, agencies and academia, 10YFP SPP Programme

## C. National technical assistance packages at the sectoral/thematic level

- C1: Provide technical assistance and tools for SPP policy development and implementation to developing countries.
- C2: Direct support for GPP tenders and impact monitoring (e.g. CO2 reduction) for 10 local authorities (Mongolia, Viet Nam, China and Republic of Korea)

**Potential Partners:** Ministries of Finance and Environment, 10YFP SPP Programme and its partners, SWITCH-Asia RPSC, 10YFP MAC Members, Donor agencies and academia, 10YFP SPP Programme

## D. Mechanisms for Information sharing

- D1: Development and dissemination of quarterly newsletter on 10YFP SPP Programme
- D2: Convening webinars on SPP related activities of 10YFP SPP Programme Partners

**Potential Partners:** 10YFP SPP Programme

## Existing institutions, stakeholders and programs in sustainable tourism (international, National)

### International/regional:

- 10YFP programme on STP
- SWITCH-Asia
- PATA
- GSTC

### National:

- Ministries
- Implementing Public Agencies
- Local government and municipalities
- Non-governmental organizations (NGOs)
- Donor and development agencies
- Private sector enterprises and industry associations
- Academia (Universities and research organizations)

## 3. Sustainable Tourism

### Key objectives

The Regional SCP Roadmap will seek to facilitate sustainable tourism development practices within Asia Pacific with the purpose of addressing the needs of present tourists and host countries in the region while protecting and enhancing opportunities for a sustainable future.

The roadmap will facilitate this through the integration of sustainable consumption and production patterns at the regional and national level through activities that promote sustainable tourism related policies and frameworks within the region. Based on priorities identified by the countries in the region the Roadmap will further seek to endorse increased collaboration amongst stakeholders within the tourism sector to promote sector performance, and facilitate the application of tools, instruments and technical solutions to prevent and mitigate tourism impacts and to mainstream SCP patterns among tourism stakeholders.

### Links to SDGs and the 10YFP:

In this sectoral work package will contribute the implementation of the following sustainable development goals (SDGs):

- **8.9:** By 2030, devise and implement policies to promote sustainable tourism that creates jobs and promotes local culture and products
- **12.1:** Implement the 10-year framework of programmes on sustainable consumption and production, all countries taking action, with developed countries taking the lead, taking into account the development and capabilities of developing countries

The 10YFP Sustainable Tourism programme objectives are:

- i. Integrating sustainable consumption and production (SCP) patterns in tourism related policies and frameworks
  - ii. Collaboration among stakeholders for the improvement of the tourism sector's SCP performance
  - iii. Fostering the application of guidelines, instruments and technical solutions to prevent and mitigate tourism impacts and to mainstream SCP patterns among tourism stakeholders
  - iv. Enhancing sustainable tourism investment and financing
- **12.b:** Develop and implement tools to monitor sustainable development impacts for sustainable tourism that creates jobs and promotes local culture and products
  - **14.7:** By 2030, increase the economic benefits to Small Island developing States and least developed countries from the sustainable use of marine resources, including through sustainable management of fisheries, aquaculture and tourism

## Priority Roadmap Activities

### A. Regional or national awareness raising campaigns

- A1: Provide Sustainable Tourism awareness raising and capacity building through established sub-regional SCP fora, including stronger networking and dialogue through the 10YFP ST Programme
- A2: Engage with financial institutions by assisting them in incorporating new sustainability criteria and types of finance into their product lines; assisting them in developing specific products for different tourism industry segments; building awareness and capacity; promoting innovative finance delivery channels; providing technical assistance to manage investment funds focused on sustainable tourism.
- A3: Promote guidelines for developing sustainable tourism master plans and strategies on SCP, aligning with the 2030 Sustainable Development Agenda and Paris Agreement

## B. National training activities

- B1: Trainings on how to implement sustainable tourism performance standards for Asia Pacific countries
- B2: Engagement of private sector, specially SMEs in monitoring and reporting improvement of performance on resource efficiency and climate change
- B3: Develop tourism value chain and eco-innovation approaches

## C. Public/private partnerships

- C1: Implementation of the Pacific Asia Travel Association (PATA) Tourism InSPIRE Awards
- C2: Development of tourism consumer campaigns to promote the demand of sustainable tourism products and services

## D. Regional/sub-regional policy dialogues, trainings and networking

- D1: Development of regional/sub-regional hotel sustainable performance standards or classification for Asia Pacific
- D2: Promotion and mainstreaming the application of sustainable destination planning instruments, best practices, models and procedures with an integrated approach in a selected number of countries.
- D3: Financing Sustainable Tourism Forum: How can SMEs benefit and access the right kind of investment

# 4. Sustainable Buildings and Construction

## Key objectives

The Regional SCP Roadmap will seek to promote resource efficiency, mitigation and adaptation efforts, and the shift to SCP patterns in the buildings and construction sector. Regionally the buildings and construction sectors account for a significant proportion of regional energy use, energy-related GHG emissions, municipal water use, waste, and employment, including in the context of SMEs. The built environment can catalyse opportunities for a wide array of global and local challenges including climate change, land-use, demographic shifts, water and other resource scarcities.

The roadmap aim to the regional level support and strengthen the objectives of the Global UN Sustainable Buildings and Construction programme, which states the following:

- Enabling frameworks to implement SBC policies
- Enhance Sustainability in the Building Supply Chain
- Reduce climate impact and strengthen climate resilience of the buildings and construction sector
- Promote knowledge sharing, outreach and awareness raising

## Links to SDGs and the 10YFP:

Activities in this sectoral work package will contribute the implementation of the following sustainable development goals (SDGs):

- **11.6:** By 2030, reduce the adverse per capita environmental impact of cities, including by paying special attention to air quality and municipal and other waste management

- **11.c:** Support least developed countries, including through financial and technical assistance, in building sustainable and resilient buildings utilizing local materials
- **12.1:** Implement the 10-year framework of programmes on sustainable consumption and production, all countries taking action, with developed countries taking the lead, taking into account the development and capabilities of developing countries

The 10YFP Sustainable Construction and Buildings objectives are:

- ★ Enabling frameworks to implement SBC policies
- ★ Enhance Sustainability in the Building Supply Chain
- ★ Reduce climate impact and strengthen climate resilience of the buildings and construction sector
- ★ Promote knowledge sharing

## Existing institutions, stakeholders and programs in sustainable buildings and construction (International and National)

### International and regional SCP stakeholders:

- 10YFP programme on SBC
- SWITCH-Asia
- Center of Excellence for Sustainable Buildings (BSA Singapore)

### National SCP stakeholder:

- Ministries
- Implementing Public Agencies
- Local government and municipalities
- Non-governmental organizations (NGOs)
- Donor and development agencies
- Private sector enterprises and industry associations
- Academia (Universities and research organizations)

## Priority Roadmap Activities

### A. National technical assistance packages at the sectoral/thematic level

- A1: Develop guidelines on the design and development of national legislation that support advancing SBC and enforcement of best practices for countries in Asia Pacific
- A2: Facilitate the development of a new engagement platform for energy efficiency in buildings (EEB) in markets dialogues and training (ASEAN Forum on SCP, South Asia Forum on SCP)

**Potential Partners:** SWITCH-Asia RPSC, 10YFP SBC programme and its partners, WBCSD, IEA, ULI, WGBC

### B. Regional and sub-regional policy dialogue, training and networking activities

- B1: Provide Sustainable Buildings and Construction (SBC) awareness raising and capacity building through established sub-regional SCP fora, including stronger networking and dialogue through the 10YFP SBC Programme
- B2: Develop and scale-up a 10YFP SBC flagship project to develop a methodology and process of engagement for understanding and guiding change in tertiary and vocational programs that educate built environment professionals for designing and building low carbon cities

**Potential Partners:** 10YFP SBC programme and its partners, UNU ProSPER.Net, Indonesian Green Building Council, Indonesian Institute of Architects, BISA

## C. Public private partnerships

C1: Foster stronger Asia Pacific involvement in UNEP's Sustainable Buildings and Climate Initiative (SBCI), which is composed of major public and private sector stakeholders in the building sector

*Potential Partners: UNEP*

## D. National training activities

D1: Development of training packages/curricula on SBC for national level adaptation, including trainings for policymakers

*Potential Partners: UNEP*

## 5. Consumer Information/Eco-labelling

### Key objectives

The objective of the roadmap will be to support the provision of information on goods and services, and the identification and implementation of effective strategies to engage consumers in sustainable consumption. The roadmap will endorse activities and initiatives aiming to;

- Improve the availability and quality of consumer information to create a foundation the dissemination of credible information
- Drive change in business and government to ensure foster the implementation of practices in relation to consumer information
- Enhance communication to drive behavioural change and ensure the transition from being informed to taking action

### Links to SDGs and the 10YFP:

- **12.1:** Implement the 10-year framework of programmes on sustainable consumption and production, all countries taking action, with developed countries taking the lead, taking into account the development and capabilities of developing countries

The objectives of the 10YFP Consumer Information are:

- ★ Improving availability, accessibility and quality of consumer information to create a basis for the provision of credible information.
  - ★ Driving change in business and government to ensure that the framework conditions are provided to support best practices in relation to consumer information.
  - ★ Enhancing communication to drive behavioural change and ensure the transition from being informed to taking action.
- **12.6:** Encourage companies, especially large and transnational companies, to adopt sustainable practices and to integrate sustainability information into their reporting cycle

## Existing institutions, stakeholders and programs in consumer information (International and National)

### International and regional stakeholders:

- 10YFP programme on Consumer Information for SCP
- SWITCH-Asia
- South Asia Forum on SCP
- ASEAN Forum on SCP

### National stakeholders:

- Ministries
- Implementing Public Agencies
- Local government and municipalities
- Non-governmental organizations (NGOs)
- Donor and development agencies ( )
- Private sector enterprises (MSMEs/SMEs)
- Academia (Universities and research organizations)

## Priority Roadmap Activities

### A. Regional and sub-regional policy dialogue, training and networking activities

- A1: Provide Consumer Information/Eco-labelling awareness raising and capacity building through established sub-regional SCP fora, including stronger networking and dialogue through the 10YFP CI Programme
- A2: Asia Carbon Footprint Network (trainings, information sharing, and facilitating of MRA on carbon footprint labelling)

**Potential Partners:** *CI-SCP Programme, Eco-product international fair, UNESCAP, KEITI*

### B. Regional or national awareness raising campaigns

- B1: Provide education, capacity building, and consultation on Eco-label Type I programmes
- B2: Increase the number national experts trained through the Asia-Pacific Network of GPP, EL experts and Policy Makers

**Potential Partners:** *CI-SCP Programme, Global Eco-labelling Network (GEN)*

### C. Implementation tools (methodologies, toolkits, guidelines, standards)

- C1: Conduct survey contributing to the development of guidelines for reliable sustainability information for consumers
- C2: Support development of life cycle databases for selected product categories (e.g. the agri-food sector) and a green certification scheme

**Potential Partners:** *CI-SCP Programme*

### D. Mechanisms for information sharing

- D1: Development and dissemination of quarterly newsletter, featuring relevant stakeholder activities/events.

**Potential Partners:** *CI-SCP Programme*

## 6. Sustainable Lifestyles and Education

### Key objectives

The Regional SCP Roadmap will seek to promote initiatives that increasingly foster ways of living, social behaviours and choices that minimize environmental degradation while supporting equitable socio-economic development and better quality of life for all.

Asia Pacific is home to over 4.2 billion people, over 50 per cent of the world's urban population and sixteen out of 28 mega cities. Many Asian economies achieved rapid economic development during the last few decades, accompanied by rapid population growth and urbanization. Millions of people have been lifted out of poverty and have improved their quality of life, with some 700 million people becoming middle-high income consumers. At the same time, millions remain impoverished and environmental degradation is increasing.

To promote a common framework of understanding for what constitutes sustainable lifestyles and more sustainable ways for achieving economic prosperity the roadmap will focus on the following objectives;

- Promote sustainable lifestyle principles and practices across regional and national platforms
- Develop tools and provide capacity building for achieving sustainable lifestyles and disseminating good practices
- Promote sustainable lifestyles through educational programmes and awareness-raising activities

### Links to SDGs and the 10YFP:

Activities in this sectoral work package will contribute the implementation of the following sustainable development goals (SDGs):

- **12.8:** By 2030, ensure that people everywhere have the relevant information and awareness for sustainable development and lifestyles in harmony with nature
- **12.1:** Implement the 10-year framework of programmes on sustainable consumption and production, all countries taking action, with developed countries taking the lead, taking into account the development and capabilities of developing countries

The objectives of the 10YFP Sustainable Lifestyles and Education Programme are:

- ★ Integrate sustainable lifestyle principles and practices across all sectors of society;
  - ★ Develop tools and incentives, provide capacity building for achieving sustainable lifestyles and disseminating good practices;
  - ★ Empower individuals to adopt sustainable lifestyles through education, awareness-raising and participation, engaging all forms of education;
  - ★ Measure and track the benefits of action targeting sustainable lifestyles and their contribution to achieving global priority challenges such as climate change.
  - ★ Build a vision of sustainable lifestyles: achieve a common framework of understanding of sustainable lifestyles through multi-disciplinary approaches, giving full consideration to consumption behaviours as well as to what determines them;
- **17.9:** Enhance international support for implementing effective and targeted capacity-building in developing countries to support national plans to implement all the sustainable development goals, including through North-South, South-South and triangular cooperation



## Existing institutions, stakeholders and programs in sustainable lifestyles and education (International and National)

### International/regional:

- 10YFP programme on SLE
- 4 billion dreams (under SWITCH-Asia)
- SCP Winter/Summer Schools (SWITCH-Asia)
- SCP online course (SWITCH-Asia)
- Eco-Schools (IGES/ASEAN)

### National:

- Government Ministries
- Implementing public agencies
- Local government and municipalities
- Non-governmental organizations (NGOs)
- Donor and development agencies ( )
- Private sector enterprises and industry associations
- Academia (Universities and research organizations)

## Priority Roadmap Activities

### A. Regional/sub-regional policy dialogues, trainings and networking

- A1: Provide Sustainable Lifestyle and Education (SLE) awareness raising and capacity building through established sub-regional SCP fora, including stronger networking and dialogue through the 10YFP SLE Programme
- A2: Regional academic SCP programme for young professionals, private sector professionals or development consultants and young academics (SCP Winter School)
- A3: Development of Massive Online Open Course (MOOC) for SCP for Asia Pacific
- A4: Organise a Sustainable Consumption Week to enable dialogue between policy makers and leaders from the private sector on the policy support required for the private sector to enable sustainable consumption and ensure sustainable production (national governments, NGOs, private sector)
- A5: Development of Massive Open Online Course (MOOC) entitled "Food Systems and Natural Resources in Southeast and East Asia" in 2016

**Potential Partners:** UNEP, IGES, GUPES, UNU

### B. Regional or national awareness raising campaigns

- B1: The 4 Billion Dreams Asia-Pacific Sustainable Consumption and Production (SCP) multimedia awareness-raising campaign for youth.
- B2: SCRIPT (Sustainable Consumption and Recycling Interventions for Paper and Textiles) for Reducing Urban Climate Footprint

**Potential Partners:** UNEP, IGES, 10YFP SLE Programme

### C. Regional and national technical analysis for policy development

- C1: Conduct an assessment of lifestyles and develop possible scenarios of future sustainable lifestyles in Asia Pacific, including pathways for realisation
- C2: Develop a framework for monitoring programs and projects on sustainable lifestyles and their social and environmental impacts
- C3: Conduct an analysis of business models that can facilitate sustainable lifestyles, and recommendations for government and businesses

C4: Collect and analyse case studies on government policies, instruments, and programs to promote sustainable lifestyles, highlighting the key features, institutional arrangements for implementation and social and environmental impacts

*Potential Partners: UNEP, IGES, 10YFP SLE Programme*

## D. National training activities

D1: National academic SCP programme for young professionals, private sector professionals or development consultants and young academics (SCP Winter School)

D2: Development of training packages/curricula on SLE for national level adaptation, including trainings for policy makers

*Potential Partners: UNEP, GUPES*

## 7. Sustainable Industry/SMEs

### Key objectives

The role of inclusive and sustainable industrial development, and the significant contribution of industrialization to the sustainability of economic activities and the advancement of social inclusion, was recently acknowledged in SDG 9 - which focuses on building resilient infrastructure, inclusive and sustainable industrialization, and fostering innovation.

Rapid industrialization has led increased prosperity within the region and millions of people have been lifted out of poverty, with some 700 million people becoming middle to high income consumers. However, economic growth and prosperity created by industrialization has not yet benefitted all populations in Asia and the Pacific. Increased industrialization has furthermore come at great environmental cost and increasing environmental degradation.

The roadmap will aim to promote:

- The adoption of both social and environmental sustainable models of economic growth
- National and regional cooperation and the sharing of knowledge, including best practices and techniques, to improve delivery cleaner production services as information dissemination, professional and ongoing education, technical assistance and policy advice
- The wide-spread adaptation and adoption of Resource Efficiency concepts, methods, policies and techniques in particular among small and medium-sized enterprises (SMEs)

### Links to SDGs and the 10YFP:

- **9.4:** By 2030, upgrade infrastructure and retrofit industries to make them sustainable, with increased resource-use efficiency and greater adoption of clean and environmentally sound technologies and industrial processes, with all countries taking action in accordance with their respective capabilities



## Existing institutions, stakeholders and programs in sustainable industry/SMEs (International and National)

### International/regional:

- SWITCH-Asia
- RECPnet
- National Cleaner Production Centers (NCPCs)
- GGGI
- Industry Associations
- UNIDO

### National:

- Ministries
- Implementing Public Agencies
- Local government and municipalities
- Non-governmental organizations (NGOs)
- Donor and development agencies ( )
- Private sector enterprises (MSMEs/SMEs)
- Academia (Universities and research organizations)
- Other RECP service providers

## Priority Roadmap Activities

### A. National technical assistance packages at the sectoral/thematic level

A1: The development (or collection) of training modules on (1) sustainable industrial practices and (2) access to finance that can be tailored to national needs

A2: Supply chain analyses and raw material input sourcing within Asia Pacific

**Potential Partners:** UNEP, RECPnet

### B. Regional / sub-regional policy dialogue, training and network activities

B1: Policy-Industry-RECP service provider dialogue and capacity building on sustainable industrialisation and sustainable finance

B2: Develop training modules on Sustainable access to finance through regulatory measures and financial products

**Potential Partners:** UNEP, RECPnet, NCPCs

### C. Public/private partnerships

C1: Support minimum energy performance standards through programs such as ASEAN-SHINE

**Potential Partners:** UNEP, ASEAN-SHINE

### D. Implementation tools (methodologies, toolkits, guidelines and standards)

D1: Development of database of methodologies to measure and improve resource efficiency at the sectoral level, such as material flow accounting

D2: Series of capacity building workshops on implement and adaptation of industry standards, i.e. ISO 14001, OHS 50001, ENMS 28000

**Potential Partners:** UNEP

Developed of under the auspices of the Asian members of the 10YFP Board, SWITCH-Asia Regional Policy Support Component, the Ministry of Environment of Japan, Ministry of Environment and Forestry, Indonesia, Korea Environmental Industry & Technology Institute (KEITI), 10YFP Secretariat, UNEP Regional Office for Asia and the Pacific and Asia Pacific national SCP stakeholders.