



Progress Overview on Sustainable Consumption and Production in Myanmar

**Ministry of Natural Resources and Environmental Conservation
Environmental Conservation Department**

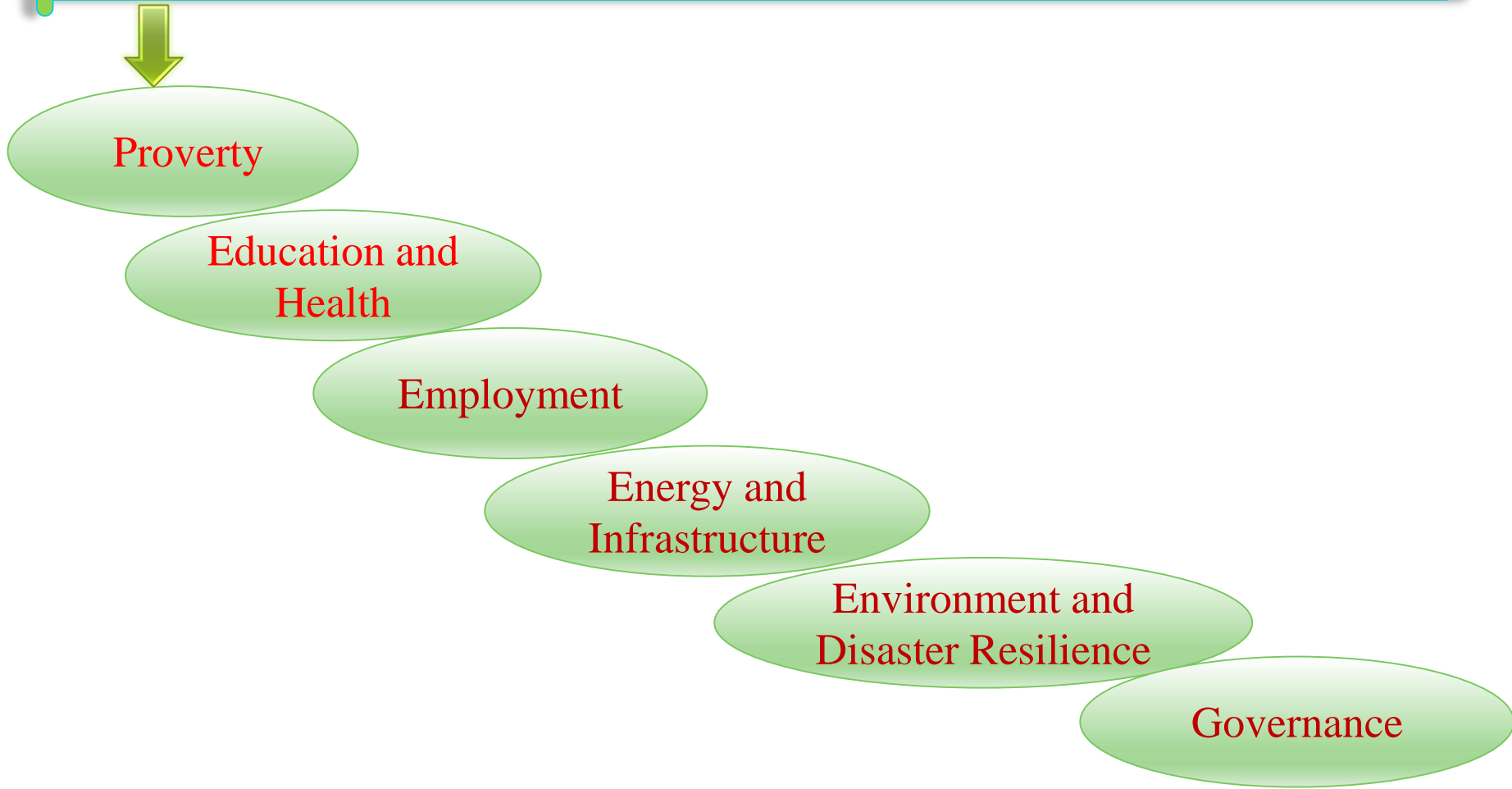
Luang Prabang, Lao PDR

26th March , 2019

OUTLINE

- **Myanmar's SDG Priorities**
- **Myanmar Sustainable Development Plan (MSDP)**
- **Sustainable Development and Environment**
- **Policy, Strategy & Legal Framework related to Environmental Conservation support to SDG**
- **Linking SDGs and SCP**
- **Some examples of SCP Activities in Myanmar**
- **Challenges in Promoting SCP/SD**
- **Way Forward**

Myanmar's SDG Priorities



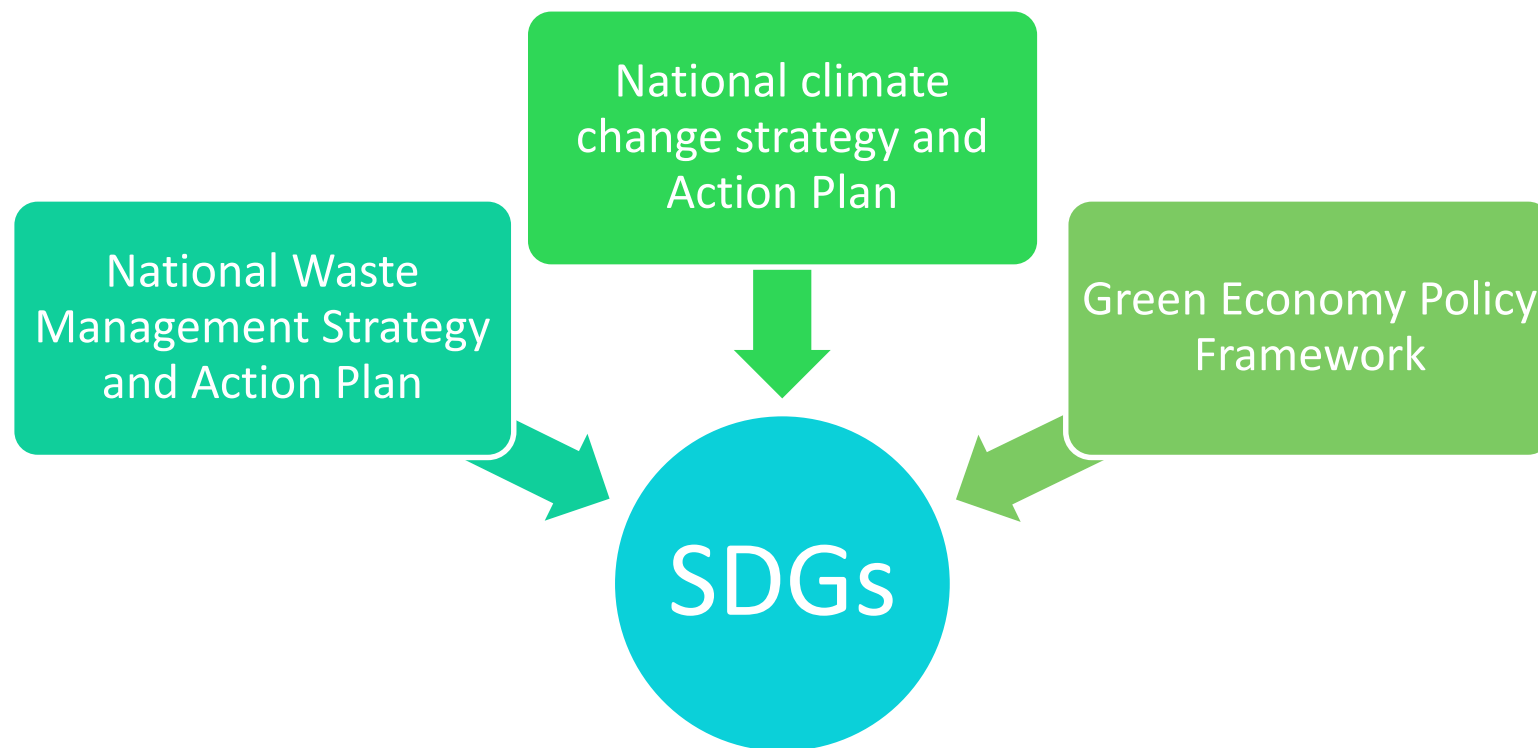
Myanmar Sustainable Development Plan (MSDP)



**All are firmly aligned with
the SDGs**

Policy, Strategy & Legal Framework related to Environmental Conservation support to SDG

National Environmental Policy



National Environmental Policy

Vision: A clean environment, with healthy and functioning ecosystems, that ensures inclusive development and wellbeing for all people in Myanmar

Mission: To establish national environmental policy principles for guiding environmental protection and sustainable development and for mainstreaming environmental considerations into all policies, laws, regulations, plans, strategies, programmes and projects in Myanmar

National Environmental Policy Principles

To pursue this vision, the Government of the Republic of the Union of Myanmar adopts the following 23 National Environmental Policy principles as the guiding framework for achieving: a clean environment and healthy, functioning ecosystems; sustainable economic and social development; and the mainstreaming of environmental protection and management

National Waste Management Strategy and Action Plan

Draft

Vision: Sustainable, Clean, Green and healthy Environment towards, a brighter future for Myanmar

Mission : To develop and implement the holistic/ integrated waste management strategy based on **principles of inclusiveness, zero waste and circular economy** to achieve **greener, cleaner and healthier environment**.

Objectives

Goal A:

Extending sound waste collection service to all citizens and eliminate uncontrolled disposal and open burning as a first step towards environmentally sound waste management

Goal B:

Extending sustainable and environmentally sound management of industrial and other hazardous wastes

Goal C:

Substantively prevent waste through 3Rs (reduce, reuse, recycling) and thereby establish a resource circular society

Goal D:

Ensure sustainable financing mechanisms

Goal E:

Awareness Raising, Advocacy and Capacity Building

Goal F:

Compliance, Monitoring, Enforcement and Recognition

- Guiding principles: sustainable, inclusive and efficient

Objectives :

Stimulate green investments from the private sector

Manage impacts from brown investments

Ensuring sustainable financing for the public sector

Fostering human capital – within government and creating jobs

Natural resource-based sectors

- Agriculture and livestock
- Fisheries
- Water
- Forests
- Extractive industry
- Renewable energy

Efficiency-based sectors

- Non-renewable energy
- Manufacturing
- Buildings
- Transport
- Waste
- Urban and human settlements

Linking SDGs and SCP

- Results from Rio+20 is the development of a set of Sustainable Development Goals (SDGs).
- MDGs will end in 2015 requiring a new global development framework.
- Launching a process to define an actionable and universally applicable set of SDGS to take place by end of 2015
- Led by the High level Panel of Eminent Persons (HLP) and supported by Open Working Group (OWG) to develop the SDGs. (Deadline Fall 2014)



Transforming our world

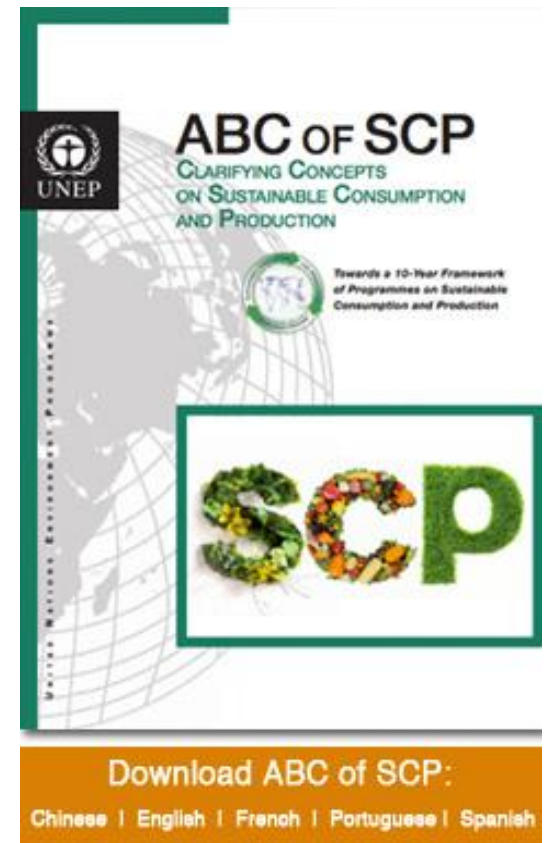
2030 Agenda for Sustainable Development

The SDGs Goals will stimulate action over the next 15 years in 5 areas of critical importance: People, Planet, Prosperity, Peace & Partnership





- The creation and use of services and related products, which respond to **basic needs** and bring a better **quality of life** while **minimising** 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 jeopardise the needs of future generation





Tartgets

Implement the 10- years framework of programmes on sustainable consumption and production



By 2030, achieve the sustainable management and efficient use of natural resources.



By 2020, achieve the environmentally sound management of chemicals and all wastes throughout their life cycle.



Encourage companies, especially large and transnational companies, to adopt sustainable practices



Promote sustainable practice procurement practices



Develop and implement tools to monitor sustainable development impacts for sustainable tourism



By 2030, ensure that people everywhere have the relevant information and awareness about sustainable development



By 2030, Substantially reduce waste generation through prevention, reduction, recycling and reuse.



Rationalize inefficient fossil-fuel subsidies that encourage wasteful consumption



Support developing countries to move towards more sustainable pattern of consumption and production.



By 2030, halve per capita food waste at the retail and consumer levels





**Some examples of SCP Activities
in Myanmar**

Project name: **MSMEs for environmental Accountability, Responsibility and Transparency” (Smart Myanmar II)**

Associate : Myanmar Garment Manufacture’s
Association (MGMA)
Partner National Chamber of Commerce
(UMFCCI)

Objective: To contribute to a switch to sustainable garment consumption patterns and promote sustainable growth of Myanmar's garment sector.

Specifically the project aims at institutionalizing, up-scaling and replicating successful SCP practices in the garment sector developed and implemented during the SMART Myanmar I project.

Duration: 2016 - 2019

Fund Support: SWITCH Asia of the European Union



SMART Myanmar -

Baseline matrix on the Sustainable Consumption and Production (SCP) situation in Myanmar's export garment sector



July 2013



Project name: Environmental and Social Impact Assessment Landmark Project Yangon, Myanmar

Project : Meeyahta Development Limited

Proponent

Size and scale

of project components: Site Area: 3.9 ha (9.64 acres).

Approved For

EIA Report: Dated on 2nd November 2018 by Reference of Approval Letter No- (Forestry) (3) (2) / 16 (D) (4213/ 2018)

Objective : To identify potential environment and socio-economic impacts and evaluate the risk of these impacts during the phase of project implementation, namely, the preconstruction, construction and future operation of the Project.

To ensure that appointed contractors will implement environmentally sustainable construction measures such as monitoring energy usage, water usage and waste generation

Project name: Environmental and Social Impact Assessment Landmark Project Yangon, Myanmar

Fund Support: The Project Proponent shall provide all necessary budgetary and human resources to fully implement the EMP and sub-Plans and monitoring provisions.

Sustainability in Design

- The Project Proponent has engaged design consultant to implement sustainable design, construction and building operational measures
- Landmark Project is also being designed to ensure that the development will not strain Yangon City's water resources.
- The Project Proponent will aim to ensure that appointed contractors will implement environmentally sustainable construction measures such as monitoring energy usage, water usage and waste generation
- The project has to ensure a building must achieve a 20% reduction in energy, water and embodied energy in materials compared to a conventional building in accordance with IFC EDGE (Excellence in Design for Greater Efficiency) certification
- ✓This project has reviewed in accordance with the Environmental Impact Assessment Procedure (2015) to give ECC

Project name: Catalyzing Sustainable Water and Energy Management in Food Beverage Industries in the Ayeyarwady River Basin

Project Associates:

Ministry of Natural Resources and Environmental Conservation,

Ministry of Industry (MOI)

Department of Research and Innovation (DRI)

Yangon City Development Committee (YCDC)

Union of Myanmar Federation of Chambers of Commerce and Industry (UMFCCI)

Lead Agency

World Wide Fund for Nature (WWF)

Fund Support

SWITCH Asia of the European Union

Strategic Components

Policy

Capacity and Market

Green Finance

Replication

Strategic Components : Policy

- 2 policy and 2 sector- wide guidelines for sustainable energy and water management
- Roadmap for implementing Emission Guidelines 2015 on Waste water discharge
- Environmental Management Plan (EMP) guidelines for food and beverages industries
- MSMEs production Policy Programme for energy efficiency

Strategic Components

- Awareness workshop on water and energy management for MSMEs in F & B Sector
- In-depth trainings and assessments on waste water treatment, energy efficiency and renewable energy for MSMEs
- A pool of local trainer and experts on water and energy management
- Testing laboratory and capacity to provide improved services on cleaner production

Capacity and Markets



Strategic Components

Green Finance

Three financial institutions have enhanced capacity and organizational structures to assess and increase green SME lending.

- ✓ Training for loan officers
- ✓ Training for MSMEs on loan application and procedure
- ✓ Innovative green/ cleaner production financing schemes

Strategic Components

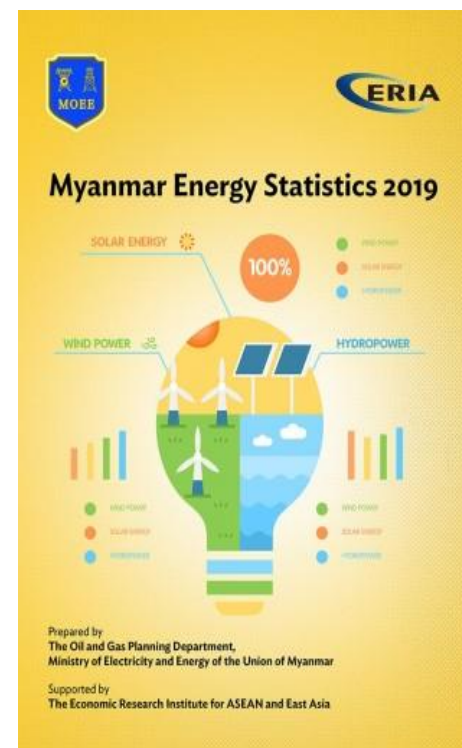
Replication

- ❖ Cleaner production model is replicated in other region and lesson are share across Southeast Asia

- Ministry of Energy and Electricity launched Myanmar natural energy statistics 2019 on 11 March 2019 with the technical support of ASEAN and East Asia (ERIA)

Objective

- To achieve the renewable energy efficiency targets.
- The aim of making National Energy Statistics is to draw Energy Balance Tables based on energy usages amount, renewable energy and primary energy resources which can supply the demand for considering MSDP, Electric Power Development Plan and safety and fully energy supply as Energy Policy.
- Myanmar National Energy Statistics is Special requirements for laying-down energy policy and schemes
- MOEE has laid-down Energy Mixed Development Plan for Exploration and using basic electricity and energy resources in accordance with Myanmar Sustainable Development Plan- MSDP





**Challenges in Promoting
SCP/SD**

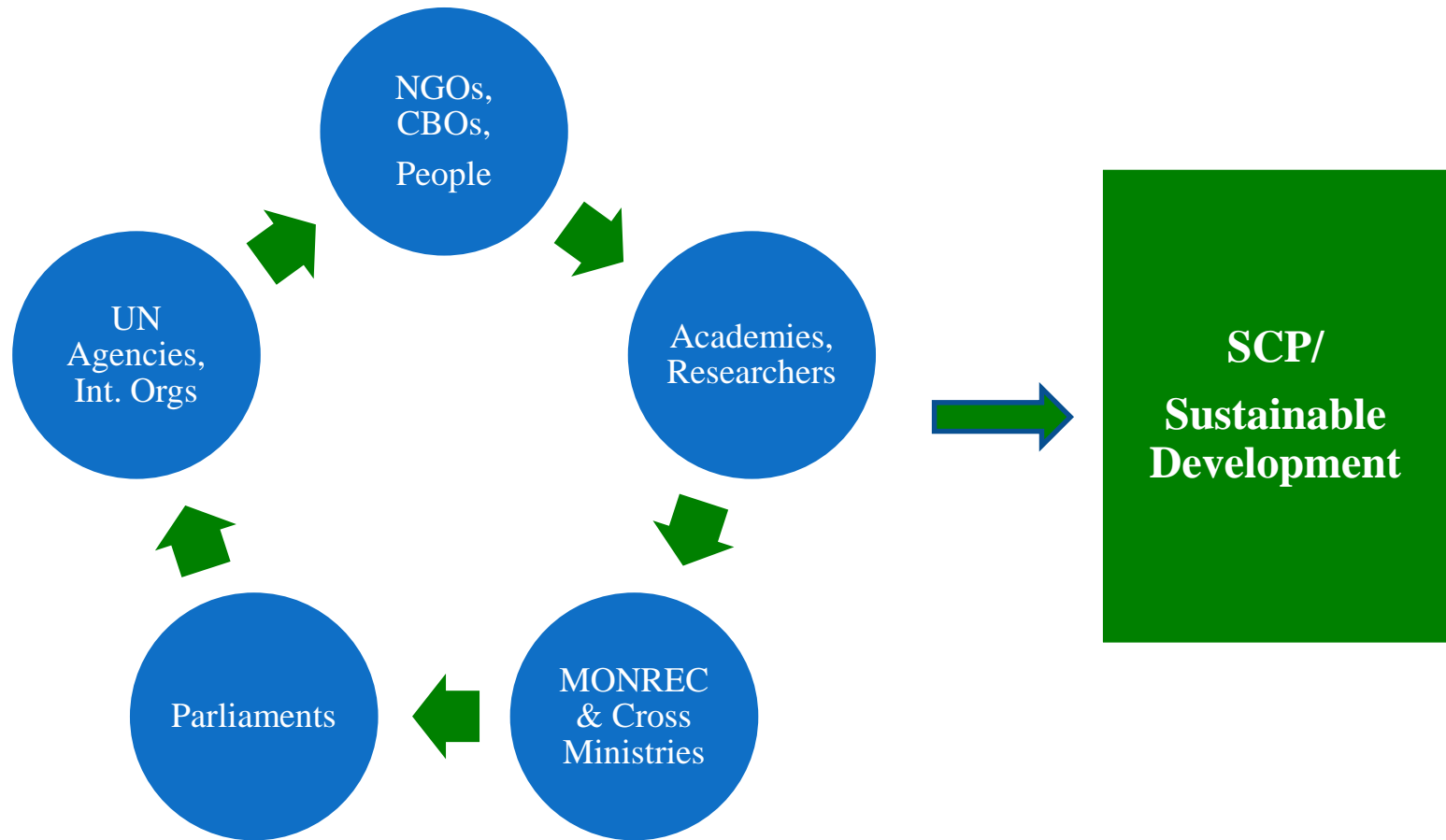
Challenges in promoting SCP

- Despite policy statement on SD, mainstreaming SD into different sectors is not yet fully realized.
- No Specific policy, Framework on improving SCP.
- Insufficient awareness and limited knowledge on Sustainable Consumption and Production (SCP) among public, both in private & government sector.
- Limited capacity & access to best available technologies and practices on SCP
- Weak coordination among relevant sectors
- Financial constraints
- SCP legislation/ incentive schemes not sufficient yet
- Lack of Waste Disposal/ Management Infrastructure

The way forward: for promoting SCP

- Strengthening institution, coordination mechanism among different sectors and NGOs, privates and local communities
- Capacity building through forum, workshops & trainings
- Conducting Environmental Education Program both in formal and non-formal way: Raising environmental awareness on SCP
- Establishment of sustainable finance
- Promoting regional and international cooperation (on policy development, access to best practices and technologies, financing etc.)
- Promoting SCP practices, energy efficiency and renewable energy source
- Encourage the production sector to gradually shift from the outdated energy consuming technologies to newer and more efficient technologies

Collaborative efforts is key to achieve SPC/SD



Thanks