Outline

- Institutional Framework
- ASEAN Cooperation on Water Resources Management:
  - ASPA-WRM
  - ASPEN
Institutional Framework
Institutional Framework: ASEAN Environmental Cooperation

- ASEAN Ministerial Meeting on Environment (AMME)
- ASEAN Senior Officials on the Environment (ASOEN)
- ASEAN Working Group on Climate Change (AWGCC)
- ASEAN Working Group on Chemicals & Waste (AWGCW)
- ASEAN Working Group on Coastal & Marine Environment (AWGCME)
- ASEAN Working Group on Environmentally Sustainable Cities (AWGESC)
- ASEAN Working Group on Nature Conservation and Biodiversity (AWGNCB)
- ASEAN Working Group on Water Resources Management (AWGWRM)
- ASEAN Working Group on Nature Conservation and Biodiversity (AWGNCB)
<table>
<thead>
<tr>
<th>Subsidiary Body of Asoen Chairman</th>
<th>Chairmanship</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASEAN Working Group on Climate Change (AWGCC)</td>
<td>Singapore</td>
</tr>
<tr>
<td>ASEAN Working Group on Coastal and Marine Environment (AWGCME)</td>
<td>Philippines</td>
</tr>
<tr>
<td>ASEAN Working Group on Chemicals and Waste (AWGCW)</td>
<td>Thailand</td>
</tr>
<tr>
<td>ASEAN Working Group on Environmental Education (AWGEE)</td>
<td>Brunei Darussalam</td>
</tr>
<tr>
<td>ASEAN Working Group on Environmentally Sustainable Cities (AWGESC)</td>
<td>Cambodia</td>
</tr>
<tr>
<td>ASEAN Working Group on Nature Conservation and Biodiversity (AWGNCB)</td>
<td>Indonesia</td>
</tr>
<tr>
<td>ASEAN Working Group on Water Resources Management (AWGWRM)</td>
<td>Malaysia</td>
</tr>
</tbody>
</table>
ASEAN Strategic Plan on Environment (ASPEN)
(under consideration)

1. Strategic Priority 1: Nature Conservation and Biodiversity
2. Strategic Priority 2: Coastal and Marine Environment
4. Strategic Priority 4: Sustainable Cities
5. Strategic Priority 5: Climate Change
6. Strategic Priority 6: Chemicals and Waste
7. Strategic Priority 7: Environmental Education & SCP
<table>
<thead>
<tr>
<th>ASCC Blueprint</th>
<th>ASPEN Strategic Priority</th>
<th>Global Priorities</th>
</tr>
</thead>
<tbody>
<tr>
<td>C1. Sustainable Management of Natural Resources</td>
<td>Strategic Priority 1: Nature Conservation and Biodiversity</td>
<td>SDG 15 CBD / Aichi Targets</td>
</tr>
<tr>
<td></td>
<td>Strategic Priority 2: Coastal and Marine Environment</td>
<td>SDG 14</td>
</tr>
<tr>
<td></td>
<td><strong>Strategic Priority 3: Water Resources Management</strong></td>
<td>SDG 6</td>
</tr>
<tr>
<td>C2. Sustainable Cities</td>
<td>Strategic Priority 4: Environmentally Sustainable Cities</td>
<td>SDG 11 New Urban Agenda</td>
</tr>
<tr>
<td>C3. Sustainable Climate</td>
<td>Strategic Priority 5: Climate Change</td>
<td>SDG 13 UNFCCC</td>
</tr>
<tr>
<td>C4. Sustainable Consumption and Production</td>
<td>Strategic Priority 6: Chemicals and Waste</td>
<td>SDG 12 BRS Conventions</td>
</tr>
<tr>
<td></td>
<td>Strategic Priority 7: Environmental Education and Sustainable Consumption and Production</td>
<td>SDG 12</td>
</tr>
</tbody>
</table>
ASEAN Cooperation on Water Resources Management
ASEAN Strategic Plan of Action on Water Resources Management (ASPA-WRM)
**ASEAN Strategic Plan of Action on Water Resources Management**

<table>
<thead>
<tr>
<th>Project Concept 1:</th>
<th>Demand Management Learning Forums</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project Concept 2:</td>
<td>ASEAN IWRM Country Strategy Guidelines</td>
</tr>
<tr>
<td>Project Concept 3:</td>
<td>River Classification Systems</td>
</tr>
<tr>
<td>Project Concept 4:</td>
<td>ASEAN Water Data Management and Reporting System Design</td>
</tr>
<tr>
<td>Project Concept 5:</td>
<td>Risks and Impacts from Extreme Events in ASEAN Member Countries</td>
</tr>
<tr>
<td>Project Concept 6:</td>
<td>Knowledge Sharing and Exchange</td>
</tr>
<tr>
<td>Project Concept 7:</td>
<td>Exchanging Information and Creating Awareness in a Structured Basis between Peak Bodies</td>
</tr>
<tr>
<td>Project Concept 8:</td>
<td>Integrated Land Use Planning</td>
</tr>
<tr>
<td>Project Concept 9:</td>
<td>Increasing Long Term Awareness, Knowledge and Community Participation in Integrated Water Resources Management</td>
</tr>
<tr>
<td>Project Concept 10:</td>
<td>Education on Sanitation and Pollution Management</td>
</tr>
</tbody>
</table>
17th ASEAN Working Group on Water Resources Management (AWGWRM) Meeting, 17-18 April 2017, Kuala Lumpur, Malaysia
**Major upcoming projects**

- **Increasing Long Term Awareness, Knowledge and Stakeholder Participation in Integrated Water Resources Management in ASEAN** – *lead country: Lao PDR*

  Aims to provide a tangible platform for sharing of experiences among AMS on awareness raising programmes/initiatives in order to promote the integrated water resource management in the region and strengthen capacity for future integration.

- **Reducing Pollution and Preserving Environmental Flows in the East Asian Seas through the Implementation of Integrated River Basin Management in the ASEAN** – *lead agency: UNDP Bangkok*

  Aims to improve IWRM, reduce pollution loads from nutrients and other land-based activities, sustain freshwater environmental flows and reduce climate vulnerability through demonstrations and replications, planning and strengthening of Integrated River Basin Management (IRBM) in selected countries in the East Asian Seas.
ASEAN Strategic Plan on Environment (ASPEN)
Strategic Priority 3: Water Resources Management

- IWRM Country Strategy Guideline and Indicator Framework Implementation
- Public Awareness and Cross-sectoral Coordination
- Water Conservation
- Water Quality and Sanitation
- Water-related Disasters
Programme 1: IWRM Country Strategy Guideline and Indicator Framework Implementation

1) Identify, compile, publish and disseminate information on good practices from national IWRM activities.
2) Disseminate ASEAN IWRM Indicators Framework to other sectors.
3) Promote peer-to-peer exchanges.
4) Promote capacity building.
5) Maintain the ASEAN Integrated Water Resources Management website (http://aseaniwrm.water.gov.my/)
7) Evaluate and assess implementation by ASEAN Member States on the indicators.
Programme 3: Public Awareness and Cross-sectoral Coordination

1) Conduct partnership dialogue on integrated water resources management (e.g. ASEAN water conference).
2) Implement Communication, Education and Public Awareness (CEPA) programmes.
3) Conduct capacity building and information sharing activities.
4) Conduct information sharing activities.
5) Implement joint activities related to water and energy; water and food; IRBM and ICM.
6) Conduct capacity building activities.
Programme 3: Water Conservation

1) Identify and compile information on good practices.
2) Implement workshop or seminar on developing guidelines on water demand management plan.
3) Conduct capacity building activities.
4) Identify and compile information on good practices.
5) Implement workshop or seminar on developing guidelines on water supply management.
6) Conduct capacity building activities.
7) Identify and compile information on good practices.
8) Implement workshop or seminar on developing guidelines on water conservation.
9) Conduct capacity building activities.
Programme 3: Improving Water Quality and Sanitation

1) Develop ASEAN water quality indicators and water quality standard monitoring standard.
2) Provide education and capacity building support to communities on water pollution management.
3) Share information and experience on water quality management.
4) Provide education and capacity building support to communities on sanitation.
5) Share information and experiences on water service and sanitation.
6) Develop and implement CEPA programmes.
7) Engage local communities, the private sector, and other stakeholders in capacity building programmes and related projects.
Programme 5: Water-related Disasters

1) Conduct regional scoping study on the causes, severity and impacts of potential flood and drought hazards in ASEAN countries.
2) Develop forecasting and information exchange system.
3) Document and disseminate information on the good practices, and lessons learnt in addressing water-related disasters.
4) Conduct Pilot studies or sites.
5) Build capacity and raise public awareness on adaptation and mitigation strategies of water-related disasters.
6) Develop and implement CEPA programme.
7) Conduct capacity building activities.
8) Conduct pilot projects or sites.
9) Conduct information sharing and consultation.
10) Implement Joint capacity building activities.
11) Develop joint Initiatives (policies, strategies, forums, networking and social media, etc.).
Thank you

Environment Division ASEAN Secretariat
Sisingamangaraja 70 A Jakarta 12110
6221-7262991
http://environment.asean.org
EnvironmentDivision@asean.org