

# ASEAN COOPERATION ON WATER RESOURCES MANAGEMENT



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**Eighth Meeting of High-level Experts and Leaders Panel on Water and Disasters (HELP)**  
**Jakarta, 1 November 2016**





# **ASEAN 2025: FORGING AHEAD TOGETHER**



one vision, one identity, one community

- Charts the path for ASEAN Community building over the next ten years
- A roadmap for ASEAN to realise further consolidation, integration and stronger cohesiveness as a Community



# ASEAN 2025 : FORGING AHEAD TOGETHER

- The **ASCC 2025 vision**: ASEAN Community that engages and benefits the peoples and is inclusive, sustainable, resilient, and dynamic.
- In the ASCC Blueprint 2025, **ASEAN environmental cooperation** is guided towards the realisation of ASCC Vision 2025 and a sustainable environment in the face of social changes and economic development through achieving 4 Key Result Areas and 27 strategic measures



one vision, one identity, one community



## 4 Key Result Areas & 27 Strategic Measures

- A. Conservation and Sustainable Management of Biodiversity and Natural Resources (10 strategic measures)
- B. Environmentally Sustainable Cities (6 strategic measures)
- C. Sustainable Climate (7 strategic measures)
- D. Sustainable Consumption and Production (4 strategic measures)





# ASEAN cooperation on water resource management

*Key result area:*

## **C. 1. Conservation and Sustainable Management of Biodiversity and Natural Resources**

*Strategic Measure:*

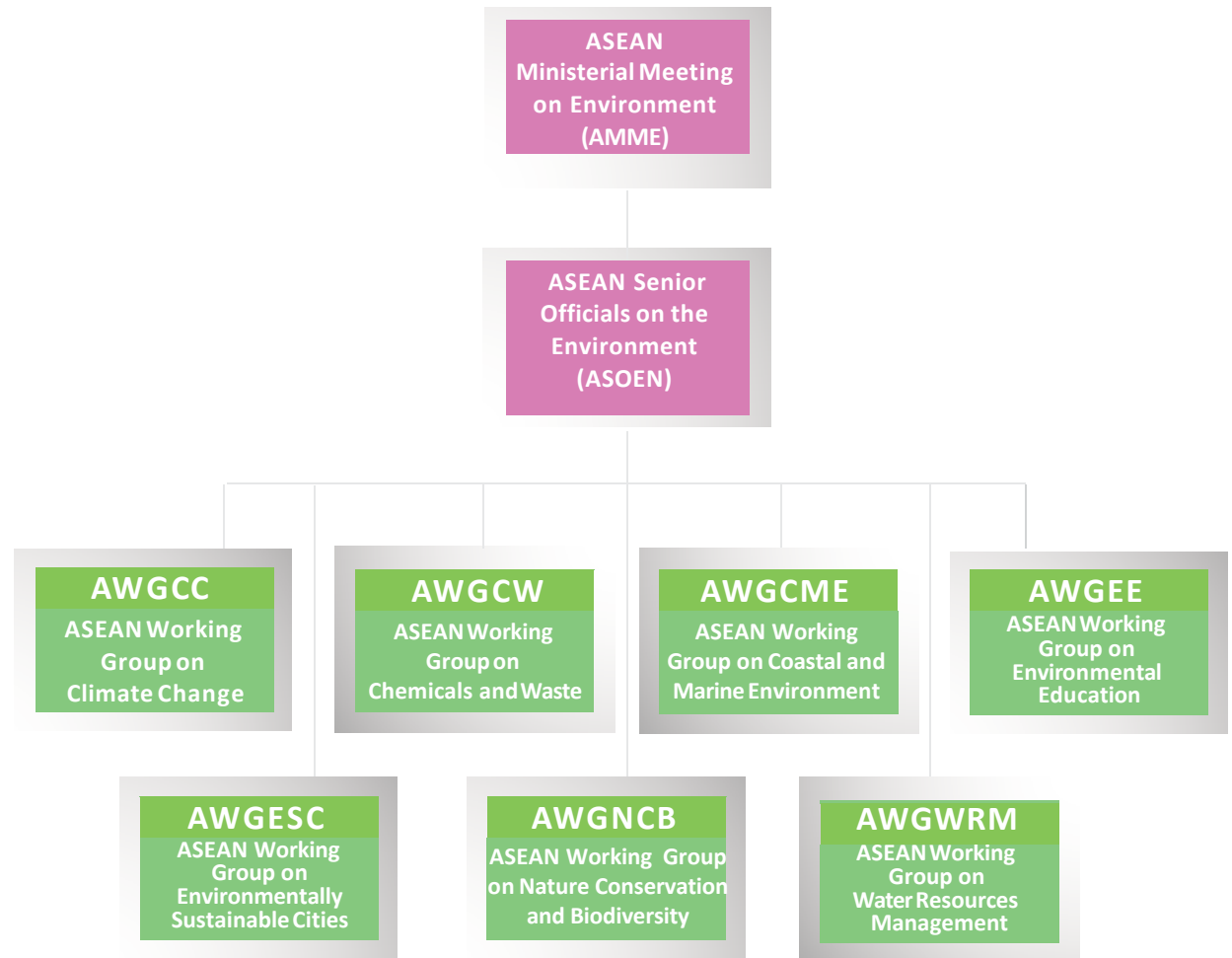
- v. Enhance policy and capacity development and best practices to conserve, develop and sustainably manage marine, wetlands, peatlands, biodiversity and land and water resources**



# Institutional Framework

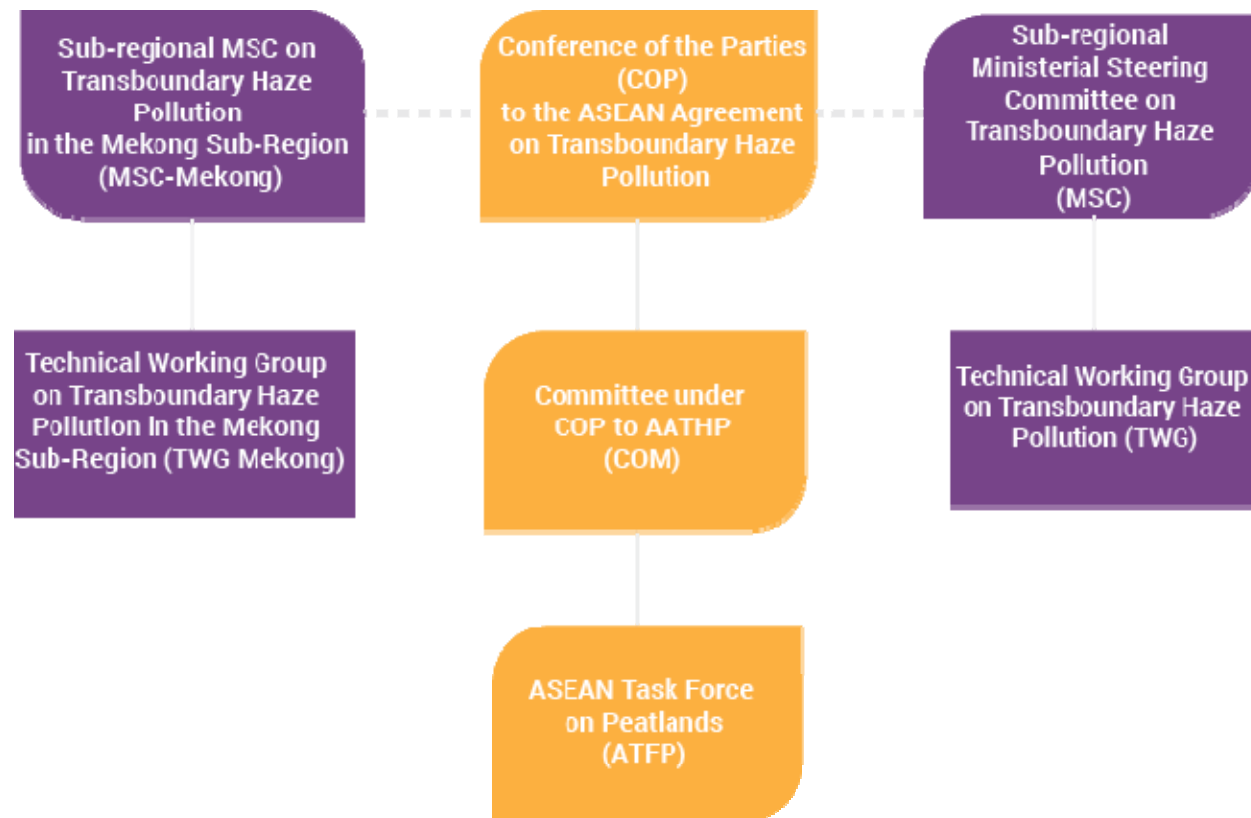
The institutional framework of the ASEAN cooperation on environment consists of the ASEAN Ministerial Meeting on the Environment (AMME), ASEAN Senior Officials on the Environment (ASOEN), and 7 subsidiary bodies/ working groups

AMME meets once every two years, while ASOEN and its subsidiary bodies meet once every year



SUBSIDIARY BODY OF ASOEN	CHAIRMANSHIP
ASEAN Working Group on Climate Change (AWGCC)	Singapore
ASEAN Working Group on Coastal and Marine Environment (AWGCME)	Philippines
ASEAN Working Group on Chemicals and Waste (AWGCW)	Thailand
ASEAN Working Group on Environmental Education (AWGEE)	Brunei Darussalam
ASEAN Working Group on Environmentally Sustainable Cities (AWGESC)	Cambodia
ASEAN Working Group on Nature Conservation and Biodiversity (AWGNCB)	Indonesia
ASEAN Working Group on Water Resources Management (AWGWRM)	Malaysia

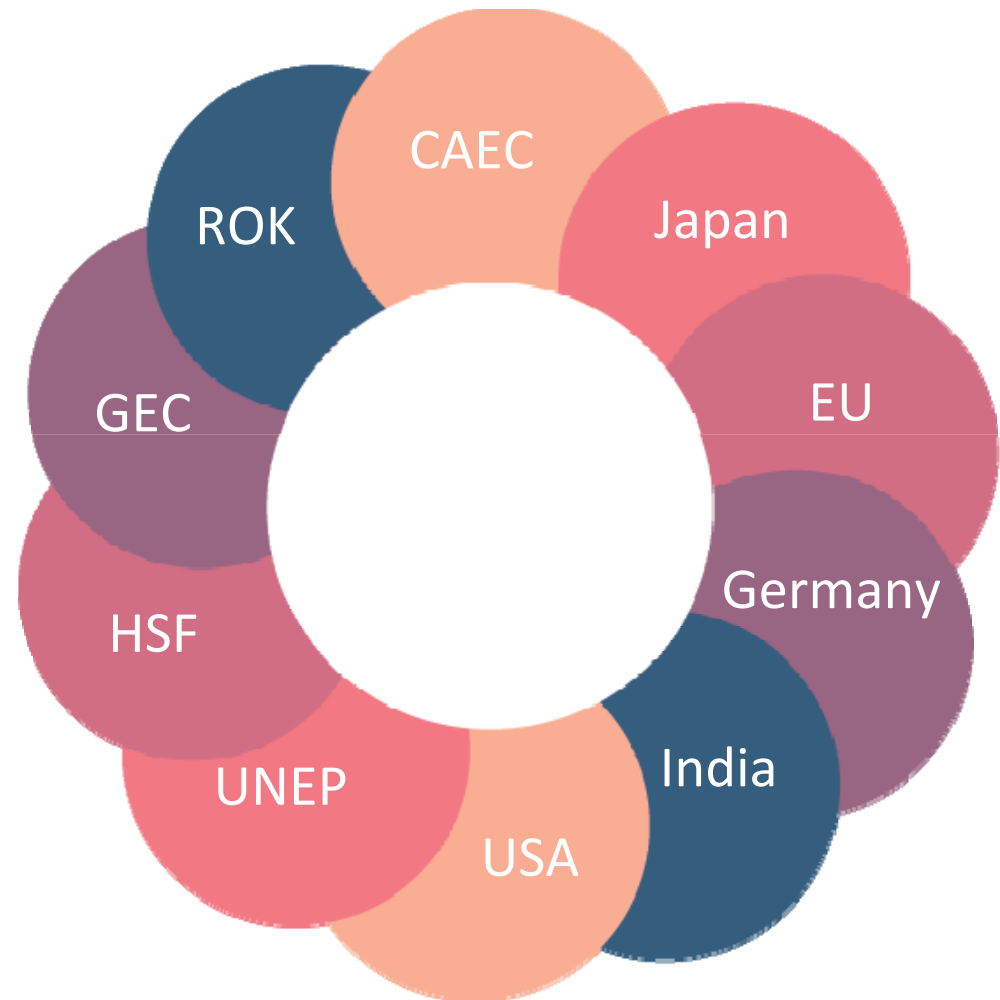
# Institutional Framework of the ASEAN Agreement on Transboundary Haze Pollution

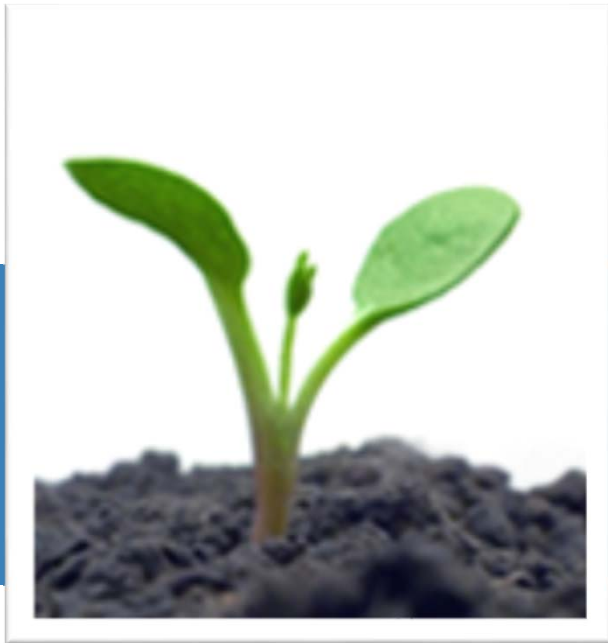




## Collaborative Partnership

ASEAN has been working closely with various dialogue and development partners and various stakeholders in promoting environmental protection and sustainable development.





## ASEAN Cooperation on Water Resources Management





# ASEAN Cooperation on Water Resources Management



<b>Project Concept 1:</b>	Demand Management Learning Forums
<b>Project Concept 2:</b>	ASEAN IWRM Country Strategy Guidelines
<b>Project Concept 3:</b>	River Classification Systems
<b>Project Concept 4:</b>	ASEAN Water Data Management and Reporting System Design
<b>Project Concept 5:</b>	Risks and Impacts from Extreme Events in ASEAN Member Countries
<b>Project Concept 6:</b>	Knowledge Sharing and Exchange
<b>Project Concept 7:</b>	Exchanging Information and Creating Awareness in a Structured Basis between Peak Bodies
<b>Project Concept 8:</b>	Integrated Land Use Planning
<b>Project Concept 9:</b>	Increasing Long Term Awareness, Knowledge and Community Participation in Integrated Water Resources Management
<b>Project Concept 10:</b>	Education on Sanitation and Pollution Management

# Completed Projects / Activities

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**Workshop on ASEAN Integrated Water Resources Management (IWRM) Country Strategy Guidelines” was held on 2-4 March 2015 in Putrajaya, Malaysia, deliberated and updated the draft IWRM Country Strategy Guideline report and IWRM performance monitoring system for 6 key water related issues in the region, i.e. (1) water supply; (2) irrigation; (3) stormwater management; (4) floods management; (5) water pollution management; and (6) sanitation management**





# Completed Projects / Activities

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Singapore, as lead country of the project, shared their experience on **urban water demand management** through workshop and visit to ASEAN Member States. Ministry of Foreign Affairs' Singapore Cooperation Programme Training Award for ASEAN Countries – Delivering Water from Source to Tap was held on 29 May – 4 June 2014, in conjunction with the Singapore International Water Week (SIWW) 2014.

The Programme was held as sharing of Singapore's experience in managing their water supply resources in an integrated and sustainable way.



# Completed Projects / Activities

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- **Workshop on Risks and Impacts from Flood Extreme Events in AMS (led by Indonesia, implemented in June 2010).** The Workshop assessed the management of flood existing in AMS to learn how well each country could cope with the situations, and identified required tools and actions to improve the current situation of flood management in AMS individually and holistically.
- **Workshop on Risks and Impacts from Drought Extreme Events in AMS (led by Thailand, implemented in September 2010).** The Workshop identified issues and gaps on drought management, shared information on best practices, and identified required tools and actions to improve the current situation of drought management in AMS individually and holistically.
- **Water Resources Demand Management Learning Forums for Irrigation (led by Thailand, implemented in July 2011).** The Workshop focused on identification of issues, challenges, best practices, and possible solution on irrigation in AMS.



# Ongoing and Upcoming

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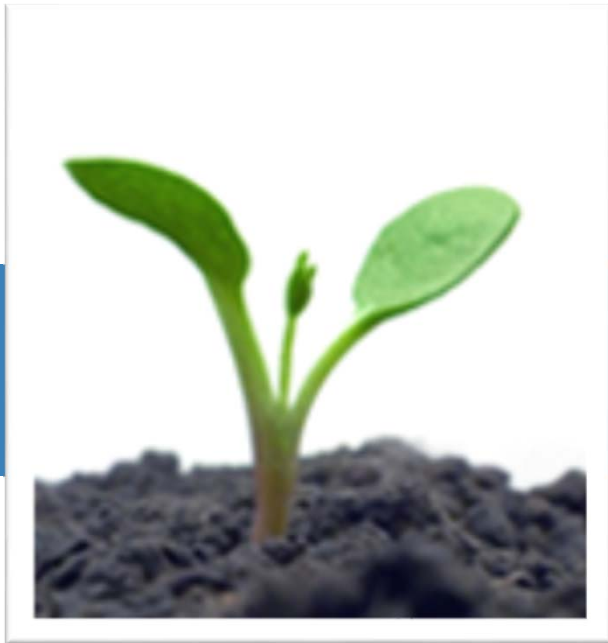
- **ASEAN-ROK Project on “Building Resilience for Sustainable ASEAN from Water Related Disasters”** – *implemented by Chuncheon Global Water Forum*  
Activities include compilation of national assessment report on the current status of ASEAN water-related disasters and policy recommendations for each AMS, development of ASEAN regional agenda for a safer ASEAN
- **Exchanging Information and Creating Awareness in a Structured Basis between Peak Bodies** – *lead country: Philippines*  
Aimed to create a forum for water resource and environmental government agencies and NGOs and peak industry bodies and associations with an interest in water management issues throughout ASEAN and to create awareness of key water resource management problems and exchange information about generic solutions

# Ongoing and Upcoming

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- **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.



## Other Policy Initiatives / Activities





# ASEAN State of Environment Reports

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1997



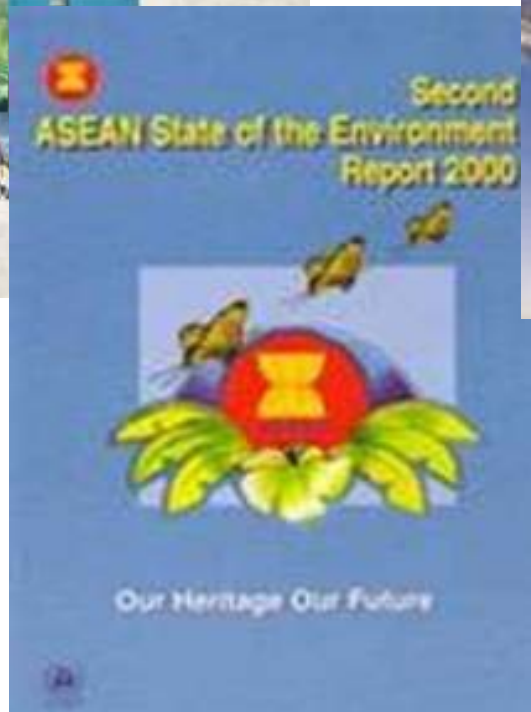
2002



2009



2000

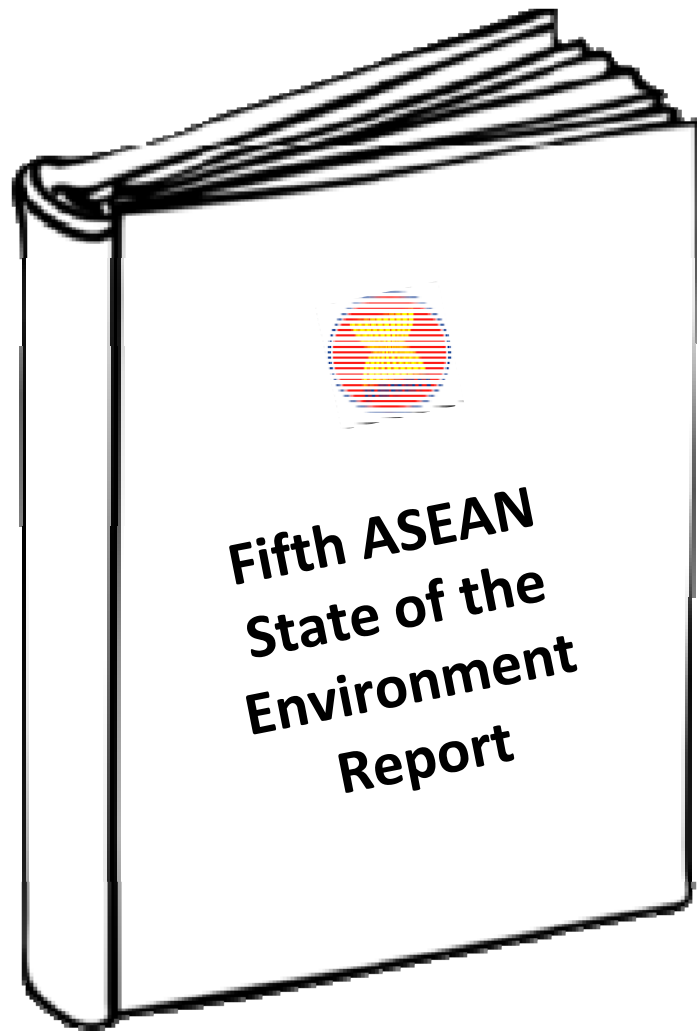


2006



# ASEAN State of Environment Reports

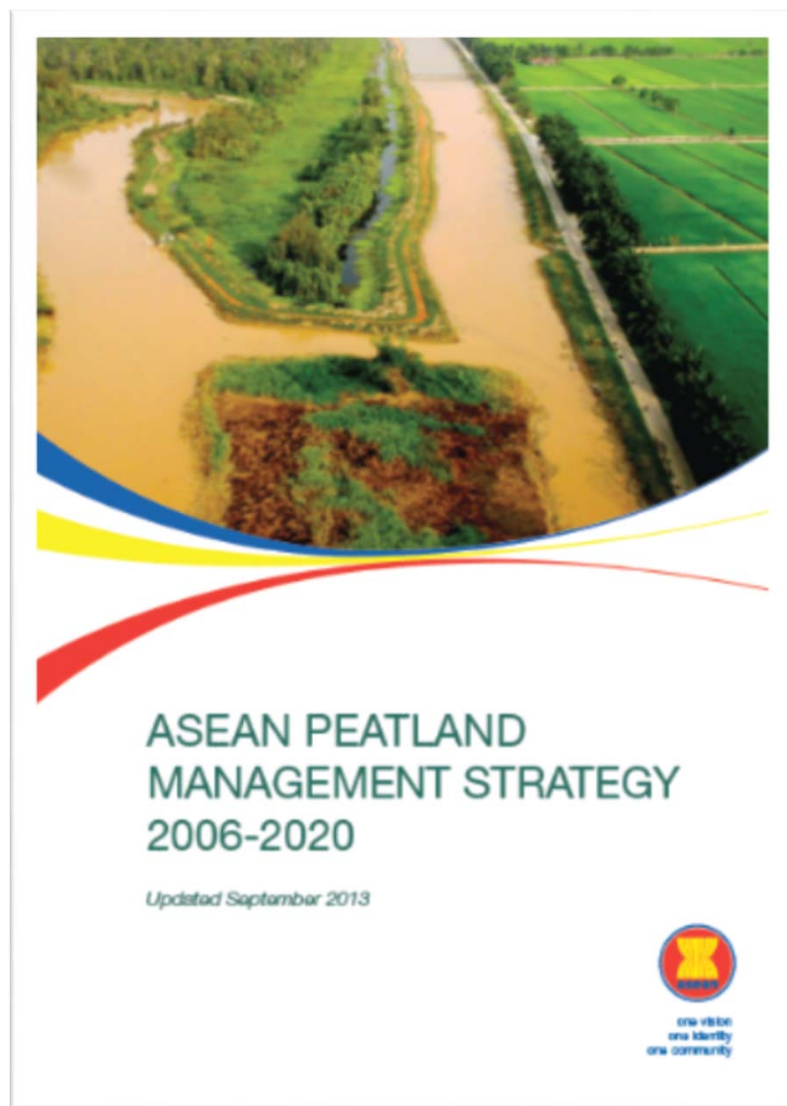
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Fifth ASEAN State of the Environment Report is being developed and will be launched in 2017, as part of ASEAN's 50<sup>th</sup> Anniversary commemorative activities

# Strategies / Action Plans

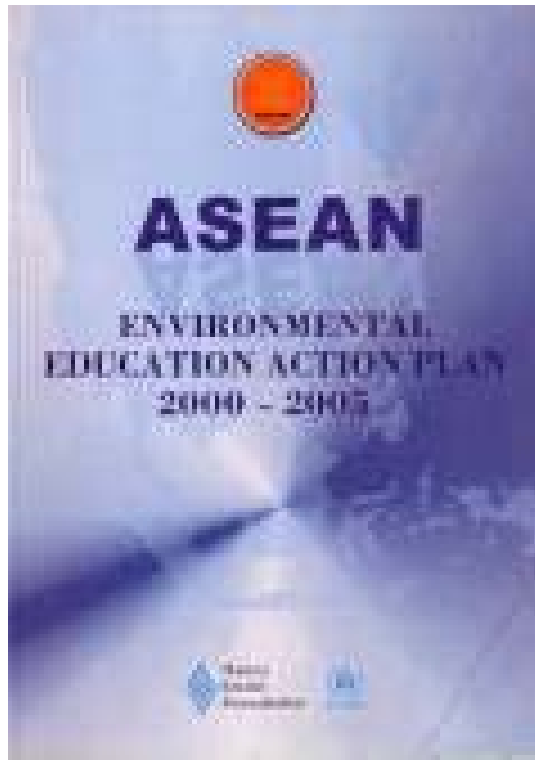
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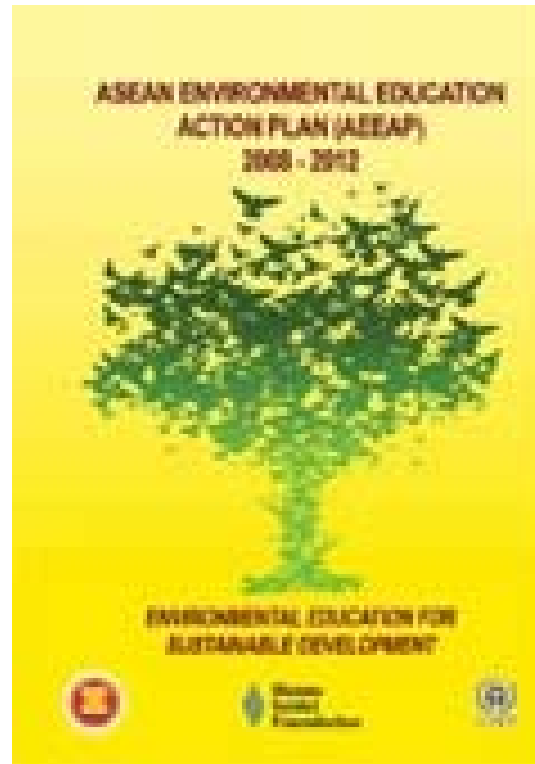


# ASEAN Environmental Education Action Plan

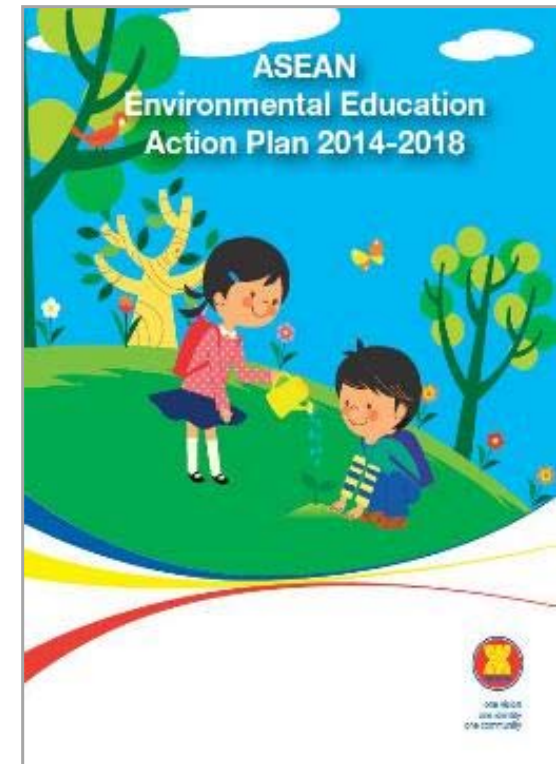
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**2000 - 2005**



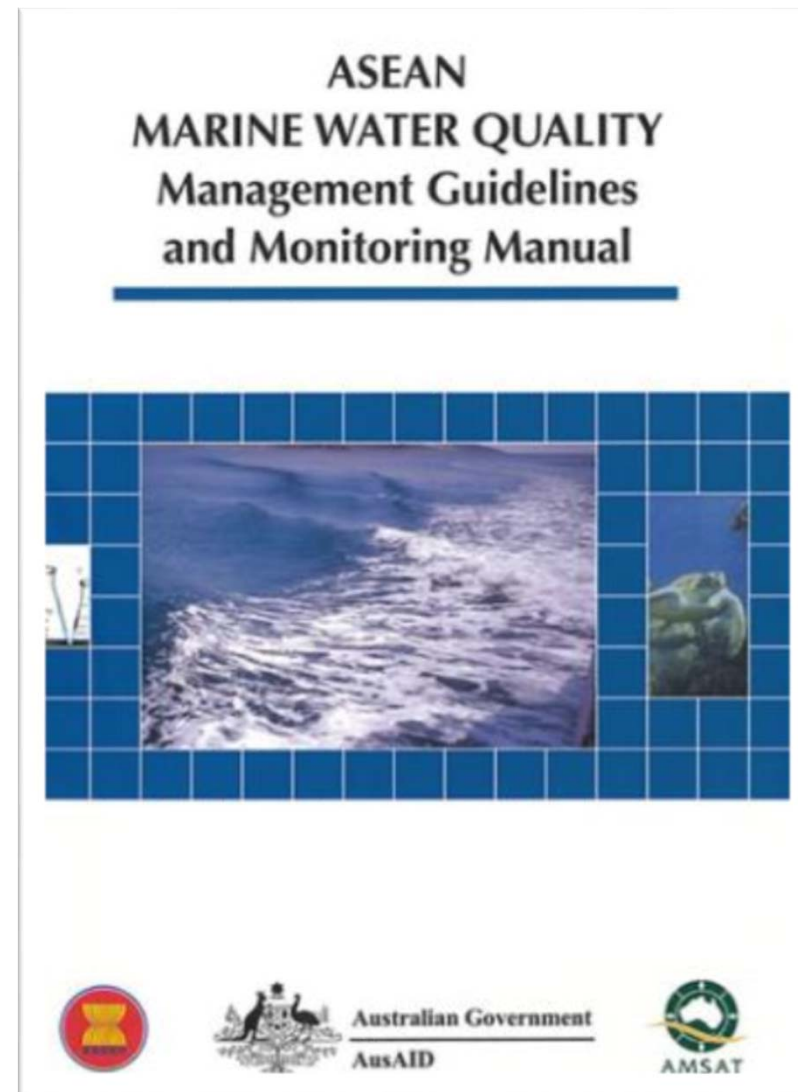
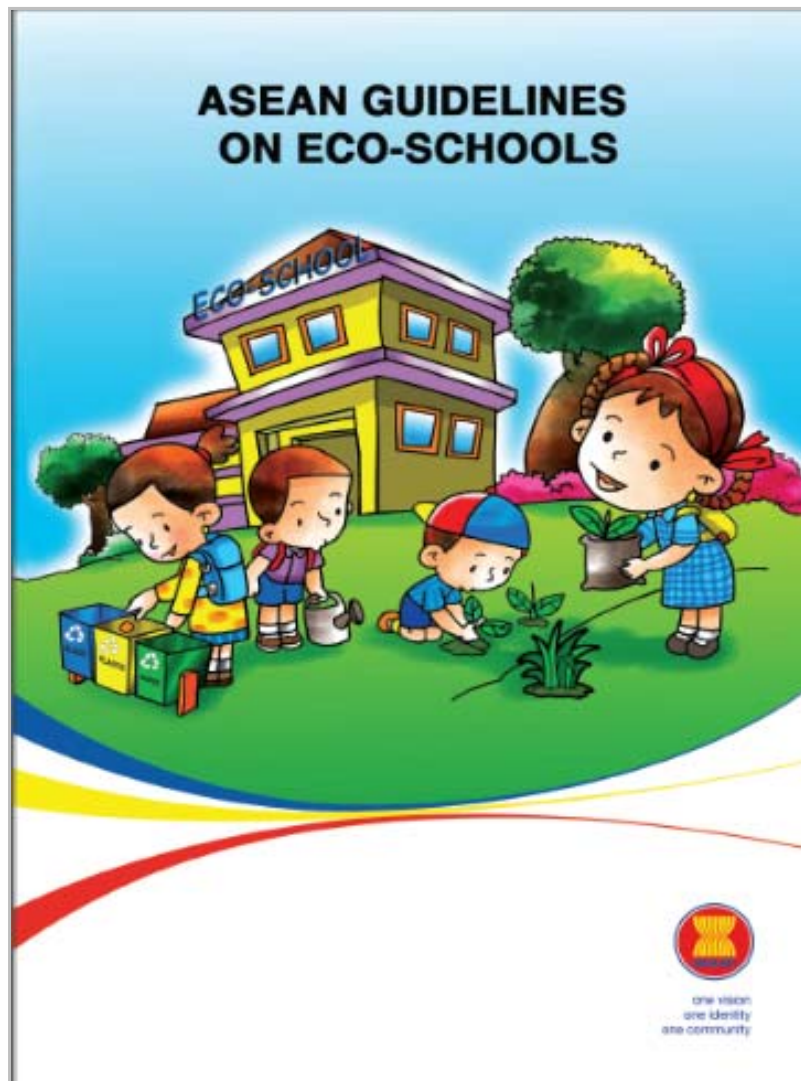
**2008 - 2012**



**2014-2018**

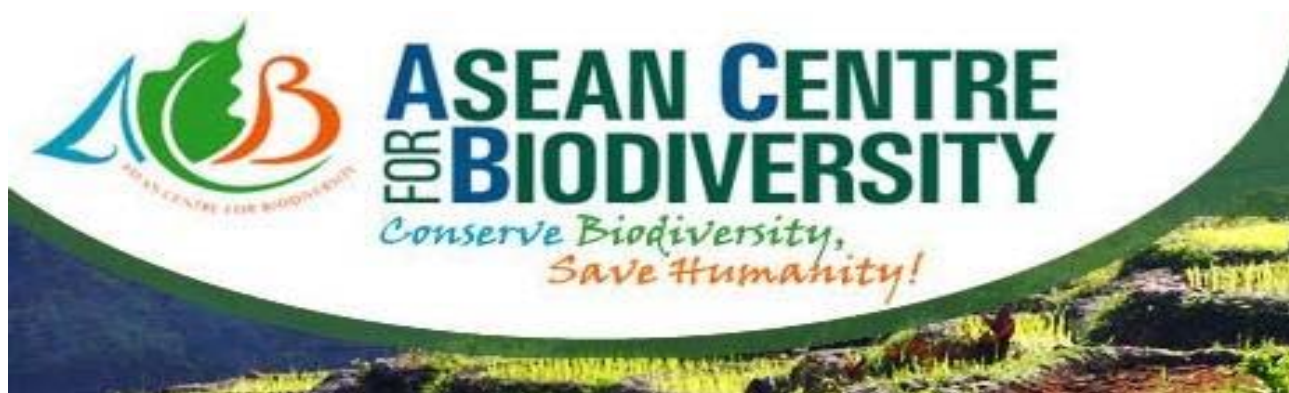
# Guidelines

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# Institutions / Centres

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<http://www.aseanbiodiversity.org/>

ASEAN Coordinating Centre for Transboundary Haze Pollution Control  
(to be fully operational by 2018)



<http://chinaaseanenv.org/english/>





# Thank you



<http://environment.asean.org/>