



The 17th ASEAN Ministerial Meeting on the Environment and the 18th Meeting of the Conference of the Parties to the ASEAN Agreement on Transboundary Haze Pollution commended the Committee under the Conference of Parties to the ASEAN Agreement on Transboundary Haze Pollution (COM) welcomed the adoption of the Second Roadmap on ASEAN Cooperation towards Transboundary Haze Pollution Control with Means of Implementation (Haze-free Roadmap) 2023-2030 and the Second ASEAN Peatland Management Strategy (APMS) 2023-2030 to further strengthening, intensifying, and comprehensively addressing the root causes of transboundary haze pollution. The Meetings further endorsed the ASEAN Investment Framework for Haze-free Sustainable Land Management to enhance multi-stakeholder partnerships and securing resources at local, national and regional levels to promote sustainable land management and effectively address transboundary haze issues.

23 August 2023, Lao PDR.

Investment in Haze-Free ASEAN delivers on SDGs/Global Goals

Potential approaches for support through the investment framework include:

1. Transforming agriculture waste to green products

Stop haze through the circular economy by using agricultural residues (e.g. rice, maize) to produce new bio-materials for packaging or renewable energy and provide alternative income sources for farmers and communities.



2. Restoring forests and lands via innovative financing

Scale-up biodiversity and carbon financing to incentivise ecosystem protection and conservation, while creating new options to finance forest and peatland restoration programmes.



3. Integrate Zero Burning and Haze-Free approaches into commodity supply chains

Use the power of markets and supply chains to institutionalise sustainable production of goods and services through bottom-up, sector-wide recognition and compliance of haze-free product labelling to meet emerging green purchase behaviour.



4. Enhancing capacity to better predict, prevent monitor and control fires

Harness advancement in satellite technology and AI predictive analytics to enhance national efforts to better manage fire and minimise incidents of transboundary haze pollution.



5. Developing multi-stakeholder dialogue and financing platform

Consolidate and scale projects across the ASEAN region, while facilitating business case advisory to build stronger investment appeal globally.



To learn more about ASEAN Investment Framework, contact:

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ASEAN Investment Framework for Haze-Free Sustainable Land Management

Background

Large-scale land and forest fires regularly impact up to 30-50 million hectares (ha) of land in Southeast Asia. These fires can generate smoke clouds covering hundreds of millions of ha for months at a time. This transboundary smoke haze has impacted parts of all 10 ASEAN Member States (AMS) with severe impacts. Over the last 25 years, hundreds of billions of dollars of economic damage have been done at immense social cost and environmental impacts. The fires and the associated ecosystem degradation are one of the largest sources of GHG emissions from the land-use sector globally. In response, the 10 AMS have developed a number of plans and mechanisms including the:

- ASEAN Agreement on Transboundary Haze Pollution (AATHP)
- ASEAN Peatland Management Strategy (2023-2030)
- ASEAN Haze-Free Roadmap (2023-2030)

While significant progress has been made in some countries, the situation in others is worsening. While technically many solutions are known, the challenge has been to take action at sufficient scale in an integrated manner, across a wide range of locations with the involvement of different sectors and stakeholders.

Investment Framework

To address the challenge, ASEAN has developed and endorsed the Investment Framework for Haze-Free Sustainable Land Management (AIF-HFSLM).

The investment framework will help build multi-stakeholder partnerships in the period 2023-2030 and enhance the availability of resources to stop large scale burning of forests, peatland and agricultural residue by establishing socially and economically viable alternatives. The initial target is to leverage USD 1.5 billion in funding up till 2030.

The development of the Investment Framework is supported by International Fund for Agricultural Development (IFAD) through the Measurable Action for Haze-Free Sustainable Land Management in Southeast Asia (MAHFSA) programme.

Why Invest for A Haze-Free ASEAN?

Fires and associated smoke haze cause billions of dollars of damage in ASEAN each year. Investing in a haze-free ASEAN can stop losses and generate significant environment and social benefits. To become a haze-free ASEAN, we must secure the buy-in from farmers and the landowners, with offers of scalable and sustainable alternative solutions. The global community too, must contribute to a shared future that is inclusive and dignified for all life if we are to combat haze in ASEAN.

Aligning with Global Agendas

• UNFCCC and Paris Climate Agreement

Land and forest degradation and fires in Southeast Asia are major global sources of GHG. Preventing fires and transforming land-use is fully in line with the targets for both mitigation and adaptation under UNFCCC. The investment framework will fully support implementation of the emissions reduction targets of all national NDCs.

• UN Sustainable Development Goals / Global Goals

Ensuring haze-free sustainable land management in ASEAN will help implement at least 10 of the Sustainable Development Goals (SDGs)/Global Goals.

• Convention on Biological Diversity (CBD)

The investment framework is fully aligned with the Global Biodiversity Framework under CBD to achieve the 2050 Vision of “Living in Harmony with Nature”.

• Convention to Combat Desertification (UNCCD)

The investment framework is fully in line with the Land Degradation Neutrality Targets.

Key stakeholders and decision-makers within ASEAN, together with our partners, will be guided by this Framework to enhance their collective efforts in finance, investment and resource mobilisation, with a view to transforming land and forest management in ASEAN and realising our vision for a clean and green ASEAN.

H.E. DR. KAO KIM HOURN
Secretary-General of ASEAN
September 2024





National Emission Reduction Targets by ASEAN Member States



- 20% GHG emissions** relative to BAU by 2030
- 41.7% GHG emissions** (of which 59.1% is from Forest & Land Use) by 2030
- 31.89% GHG emissions** by 2030 & to achieve net-zero emission by 2060 or sooner
- 60% GHG emissions** compared to baseline scenario / around 62 MtCO₂e in absolute terms by 2030
- 45% economy-wide carbon intensity** by 2030 compared to 2005
- 50% GHG emissions** relative to BAU by 2030 and adopt climate-smart agriculture
- 75% GHG emissions** relative to BAU from 2020-2030 for the sectors of agriculture, wastes, industry, transport and energy
- 36% emissions intensity** from 2005 levels by 2030, achieve peak emissions at 65 MtCO₂ around 2030
- 20% GHG emissions** relative to BAU by 2030
- 9% GHG emissions** relative to BAU scenario by 2030; can be increased up to 27% with international support

Source: NDC Registry, UNFCCC, October 2022

Northern ASEAN Subregion

The fires and haze is mainly linked to land clearing and burning of agriculture residuals dominated by crops such as maize, rice and sugarcane driven by demand for feedstocks and food.

Southern ASEAN Subregion

The majority of transboundary smoke haze used to come from burning of forests and peatlands for large-scale development for oil palm and pulp and paper; but in recent years has more relationship with medium and small-scale developments across degraded landscapes.

Objectives

Outcomes by 2030

- To expand use of sustainable and haze-free practices in the agriculture and commodity sectors in ASEAN to prevent transboundary haze.** → **Agriculture and commodity sector in ASEAN managed in a more sustainable manner, without contributing to transboundary haze.**
- To empower and support indigenous peoples and local communities (IPLCs) to transition to haze-free land management.** → **Equitable and just transition for IPLCs to uplift the welfare through haze-free sustainable agriculture and land management.**
- To enhance sustainable forest and peatland management to prevent fires and haze.** → **Halt to large-scale degradation of forests and peatlands by fire in ASEAN by 2030**
- To integrate fire and haze prevention into sustainable finance frameworks.** → **Reduced finance for activities degrading the land and increased access to financing for haze-free sustainable land management in ASEAN.**
- To enhance policy and governance and strengthen capacity and awareness for HFSLM in ASEAN.** → **Sufficient capacity at all levels and sectors to implement haze-free sustainable land management in ASEAN.**

Strategies

- 1.1 Establish or further strengthen haze-free commodity supply chains and implement sustainable practices.
- 1.2 Invest in cross-sectoral and business adoption of circular economy in the agriculture and commodity sectors to avoid use of fire.
- 2.1 Empower and incentivise indigenous peoples and local communities (IPLCs) to act as stewards of, and sustainably manage, land and natural resources to prevent haze.
- 3.1 Prevent and reverse forest degradation by fire to restore biodiversity and ecosystem services.
- 3.2 Protect, sustainably manage and restore peatland ecosystems to avoid haze and emissions and maintain ecological services.
- 4.1 Restrict or stop finance to sectors and actions that contribute to land degradation and fires.
- 4.2 Scale-up financing for haze-free sustainable land management from government, private sector and global community.
- 5.1 Strengthen regional, national and local capacity and awareness on haze-free sustainable land management.
- 5.2 Enhance ASEAN capacity for fire and haze prevention, preparedness, response and recovery

Key Stakeholders

- Ministries of agriculture, commodities, rural development and the environment
- Commodity roundtables (RSPO, Roundtable on Sustainable Rubber etc)
- Private sector commodity producers and traders
- UN and Civil society processes and organisations related to agriculture and commodities (e.g. IFAD, FAO etc)
- UN Global Compact
- Ministries of agriculture, rural development, environment and natural resources
- Local Governments
- Civil Society Organisations – Community Development
- Indigenous Peoples and Local Communities (IPLCs)
- Asian Indigenous Peoples Pact (AIPP)
- Private Sector
- Asia-Pacific Community Forestry Training Center (RECOFTC)
- Ministries of environment, forestry and natural resources
- UN REDD
- Conservation agencies
- Civil Society Conservation Organisations
- IPLCs
- REDD+ and Carbon finance
- International and regional initiatives on forest and wetland conservation (e.g. LEAF, GCFTF)
- Ministries of Finance
- Central Banks
- Private sector finance
- Sovereign Wealth funds
- Investors
- ASEAN Working Groups on Finance
- International Finance Institutions (ADB, World Bank, IFAD)
- Climate, biodiversity and land degradation finance mechanisms
- Ministries of agriculture, commodities, natural resources, rural development and the environment
- Related ASEAN Institutions and mechanisms
- ASEAN Dialogue Partners
- Civil Society and private sector partners

This section is extracted from AIF-HFSLM document, endorsed by 18th COP AATHP on 23 August 2023.