

ASEAN Ten Countries Air-cooled Switch SFP



AI Overview

ASEAN's ten member countries are implementing harmonized energy efficiency standards and roadmaps for air-cooled systems to reduce electricity consumption and greenhouse gas emissions. Regional Energy Efficiency Programs The ASEAN Standards Harmonization Initiative for Energy Efficiency (ASEAN SHINE) and the ASEAN Cool Initiative aim to improve the energy performance of air-cooled systems, particularly room air conditioners, across all ten ASEAN member states. These programs focus on harmonizing test methods, Minimum Energy Performance Standards (MEPS), and labeling schemes to encourage the adoption of higher-efficiency air conditioners, which could save up to 13.9 TWh annually in the region.

Key Components of the Initiatives

- Harmonized Testing Standards:** ASEAN countries are adopting ISO 5151:2010 for air conditioner energy performance testing to ensure consistency across national markets.
- Minimum Energy Performance Standards (MEPS):** MEPS set mandatory efficiency floors for air-cooled systems, ensuring that only energy-efficient products enter the market.
- Regional Policy Roadmaps:** ASEAN has developed a Regional Policy Roadmap for air conditioners, endorsed in 2015, with national roadmaps adopted by countries including Indonesia, Laos, Malaysia, Myanmar, Philippines, Thailand, and Vietnam.
- Capacity Building and Technical Assistance:** Programs provide training, stakeholder engagement, and technical support to governments, manufacturers, and consumer organizations to facilitate compliance and adoption of efficient systems.
- Market Integration:** Removing non-tariff barriers and promoting regional market integration helps increase the availability and adoption of high-efficiency air-cooled systems.

Projected Impact With continued economic growth and rising air conditioner ownership, electricity demand...

Article Content

Roadmap Towards Sustainable and Energy-Efficient

It sets ambitious milestones for space cooling technologies, including air conditioners and fans, that can help guide the ambitions outlined in this

Sustainable aviation fuel initiatives take off in five Asia

The transition of Asia-Pacific markets to sustainable aviation fuel has just been boosted in five nations, with fresh developments in Australia,

Reducing greenhouse gas emissions in sectors with high cooling

The project supports ASEAN countries in promoting cooling systems and natural refrigerants, enhancing energy efficiency and reducing greenhouse gas emissions.

How Many Countries Are in ASEAN?

The Association of Southeast Asian Nations (ASEAN) is a group of ten member countries that encourages political, economic, and social

ASEAN SHINE Brochure 4pp WEB

The project aims at increasing the market share of higher efficient air-conditioners through harmonization of test methods and energy efficiency standards, adoption of common Minimum

Roadmap towards Sustainable and Energy-Efficient Space Cooling in

It sets ambitious milestones for space cooling technologies, including air conditioners and fans, that can help guide the ambitions outlined in this roadmap and subsequent action across ASEAN.

Executive summary – Roadmap towards Sustainable

It sets ambitious milestones for space cooling technologies, including air conditioners and fans, that can help guide the ambitions outlined in this roadmap

Decarbonisation of ASEAN Energy Systems:

In analysing the model, we discussed energy policies and actual situations with the ASEAN countries and, on that basis, considered assumptions for the analysis and priorities of technologies to be

ASEAN Air Conditioners Market, By Country,

The ASEAN air conditioners market is experiencing robust growth, propelled by factors such as rapid urbanization, rising disposable incomes, and the region's

EU's SWITCH-Asia Programme renews its commitment to catalyse

Through the SWITCH-Asia programme, the EU calls for a larger cooperation of all countries in the region. He also highlighted the extension of the programme to the Middle-East and

ASEAN Cooling: Energy Efficiency and Climate Mitigation in Sectors

The large, fast-growing member states Indonesia, the Philippines, Thailand, Vietnam and Malaysia are particularly significant here. Industries and companies with high cooling demand offer great potential

Executive summary – Roadmap towards Sustainable

A Roadmap for Energy-Efficient Buildings and Construction in ASEAN has been developed in parallel to this roadmap. Viewing these two roadmaps side-by-side

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Roadmap Towards Sustainable and Energy-Efficient Space Cooling in ASEAN ...

Space cooling is the fastest-growing use of energy in buildings globally and in the Association of Southeast Asian Nations (ASEAN). Electricity use for cooling in buildings across the region has

Homepage

ASEAN Cooperation Project is one of the means to facilitate ASEAN's integration and community building process. ASEAN Cooperation Project addresses

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In ASEAN countries, inefficient air-conditioners have contributed to environmental problems due to inefficient electricity consumption as well as high greenhouse gas emissions.

What Is ASEAN?

ASEAN is an intergovernmental organization of ten Southeast Asian countries: Brunei, Cambodia, Indonesia, Laos, Malaysia, Myanmar, the

Proposals invited for innovative projects under the SWITCH-Asia ...

By funding pilot projects in Asia to test and promote innovative Sustainable Consumption and Production (SCP) practices within MSMEs and consumers, SWITCH-Asia works across a wide

ASEAN Trade Repository

In line with the ASEAN Trade in Goods Agreement (ATIGA), the ASEAN Trade Repository (ATR) is intended to provide transparency on the trade and customs laws and procedures of all ASEAN

ASEAN Member States

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ASEAN-10: Meeting the Challenges, by Termsak Chalermpananupap

A member country coordinating ASEAN's dialogue relations with a partner country, especially on matters relating to project proposals seeking funding support from the dialogue partner,

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