



EU-ASEAN: Global Gateway

Global Gateway is Europe's offer to its partners for smart, clean and secure infrastructures and links. It boosts sustainable investments in digital, transport, energy and climate relevant sectors and in health, education and research systems. It will help to tackle the most pressing global challenges, from fighting climate change, to improving health systems, and making economies more resilient.

#GlobalGateway #EUASEAN

April 2024

Main Priorities in Southeast Asia:

★ Green Transition

★ Sustainable Connectivity

€300
BILLION

INVESTMENTS
FROM TEAM
EUROPE

2021-2027

Key Initiatives:



Policy dialogue on common priorities, including new **EU-ASEAN dialogue on energy**



Regional Team Europe Initiatives (TEIs) on the green transition and sustainable connectivity and bilateral initiatives such as the Philippines Green Economy TEIs and Digital Economy Package



Mobilisation of investments through the **European Fund for Sustainable Development+** and the ASEAN Catalytic Green Finance Facility



Global Gateway flagship investments from EU Member States such as Hydro Mekong (France) and the Hydropower reservoir operation in the Red - Thai Binh river basin in Vietnam (Italy)



Transnational research and innovation partnerships under **Horizon Europe**



Students and university exchanges through **Erasmus scholarships** and higher education programmes



Just Energy Transition Partnerships with Indonesia and Vietnam



Bilateral and regional agreements, including **EU-ASEAN Comprehensive Air Transport Agreement** and **EU-Singapore Digital Partnership**

★ Global Gateway flagship projects in the ASEAN region



THAILAND

- Upgrading of the critical infrastructure of Thailand's main energy operator, the Electricity Generating Authority of Thailand (EGAT), with smart grid technology



LAO PDR

- Increasing investment, connectivity and trade in agriculture and forestry
- Rehabilitation of an ASEAN highway



CAMBODIA

- Construction of water treatment plant in Phnom Penh
- One Health for Cambodia
- Partnership in Education for green and digital jobs



VIETNAM

- Just Energy Transition Partnership (JETP): Construction of Bac Ai hydropower pump storage (1,200 MW).
- Upgrading of Hydropower plant Tri An by 200 MW to increase peak capacities
- Construction of the Tra Vinh 48 MW nearshore wind farm



MALAYSIA

- Development of the port of Lumut



INDONESIA

- Smart City connectivity in Nusantara capital city
- Investment plan via the Just Energy Transition Partnership (JETP) to expand renewable energies, phase down on and off-grid coal-fired electricity generation
- Double tracked upgrading and electrification of suburban train



PHILIPPINES

- Scale up service provision from the Copernicus mirror site to provide high-speed internet capacity; Digital Economy Package to support digital connectivity, cybersecurity and 5G

■ Climate and Energy

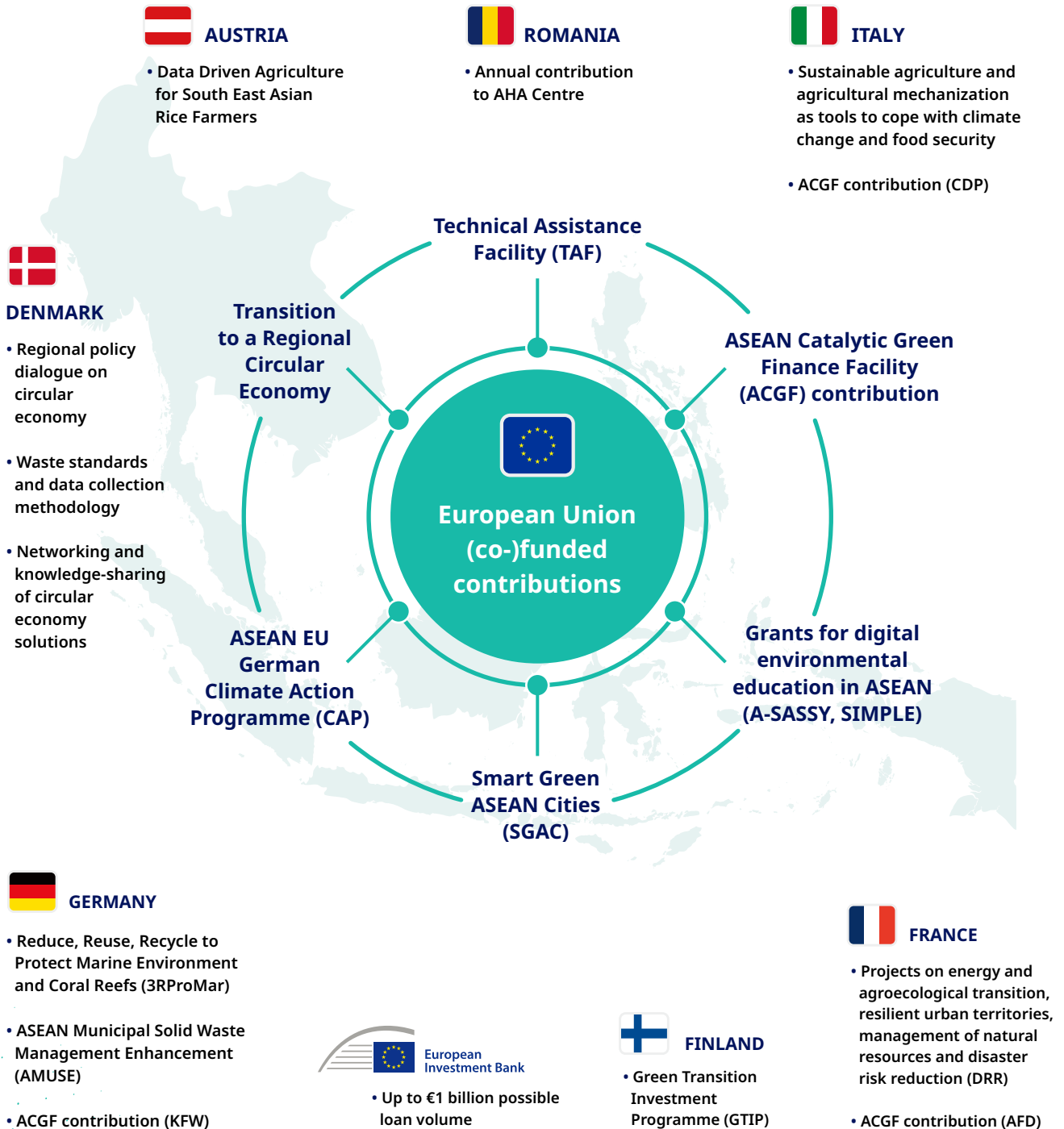
■ Health

■ Education and Research

■ Digital

■ Transport

★ Green Team Europe Initiative



IN FOCUS

Just Energy Transition Partnerships

 **Vietnam**

Leaders from Vietnam and the International Partners Group (IPG), including the EU, UK, France, Germany, US, Italy, Canada, Japan, Norway and Denmark have agreed a Just Energy Transition Partnership (JETP).

The Partnership, co-led by the EU and UK, will support Vietnam to deliver on its ambitious Net Zero 2050 goal, accelerate the peaking of its greenhouse gas emissions and transition away from fossil fuels to clean energy.

The JETP will mobilise an initial USD15.5 billion of public and private finance over the next three to five years to support Vietnam's green transition.







 **Indonesia**

The EU, its Member States, namely Denmark, France, Italy and Germany, and the European Investment Bank are a key contributor to the Just Energy Transition Partnership (JETP) in Indonesia. Together, they have pledged EUR 3.4bn to support the decarbonisation of the power sector as part of the overall USD 20bn public and private JETP pledge.

In November 2023, the Comprehensive Investment and Policy Plan (CIPP) was launched in Jakarta, a significant Global Gateway milestone highlighting the path forward for the energy transition in Indonesia.

Targets include:

-  Peaking total power sector emissions by 2030, shifting its projected emissions peak forward.
-  Capping on-grid power sector emissions at 250 megatons of CO₂e in 2030, down from baseline value of 357.
-  Establishing a goal to reach net zero emissions in the power sector by 2050, bringing forward Indonesia's net zero emissions target by 10 years.
-  A renewable energy generation share of 44% by 2030.

Source : Indonesia JETP Comprehensive Investment and Policy Plan, November 2023

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Green Smart Cities project

The EU funded Smart Green ASEAN Cities programme supports the ASEAN Member States on a city, national, and regional level. It deals with urban environmental and climate change and related governance issues, focusing on green and smart solutions enabled by digitalisation and the use of technologies. With an EU contribution of €5.1 million, the project facilitates cooperation between cities within ASEAN and between ASEAN and European cities.

Several ASEAN cities have already been selected to benefit from the project, including Banyuwangi (ID), Banyumas (ID), Siem Reap (KH), Sihanouville (KH), Seremban (MY), Kuantan (MY) and Ipoh (MY).



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Examples of Global Gateway Flagship investments from EU Member States



Anantara Energy Singapore /Indonesia (Germany):

Solar power project initiated by a German / Singaporean / Indonesian business consortium to catalyse the energy transition in Indonesia and Singapore.



Hon Trau Offshore Wind Farm in Vietnam (Germany):

Investment by a German business in a 2 GW Offshore Wind Farm.



Hydro Mekong phase 2 Lao PDR/Cambodia/Vietnam and Thailand project (France):

Enhancing the knowledge of the hydrological profile of the Mekong River and its main tributaries to understand better the impacts of climate change.

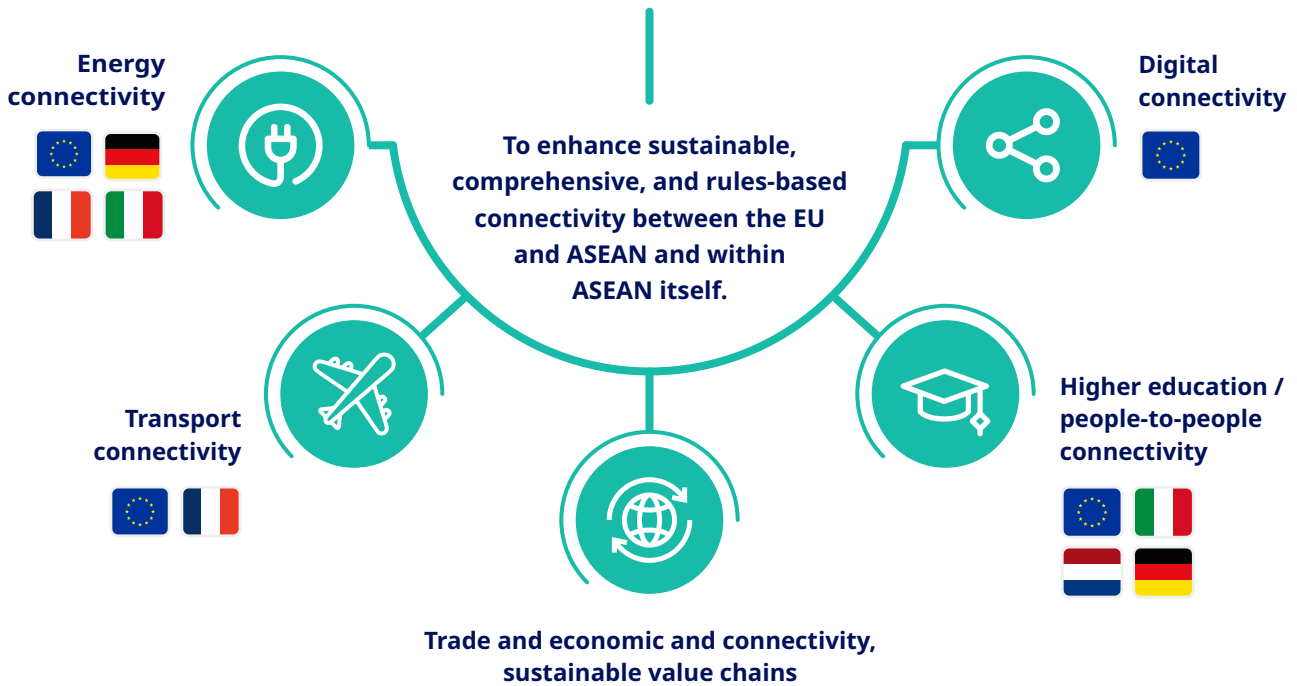


Hydropower reservoir operation in the Red - Thai Binh river basin in Vietnam (Italy):

Investment in water resources monitoring stations to support the implementation of inter-reservoir operation in the Red River basin.

★ Sustainable Connectivity in ASEAN

ASEAN Sustainable Connectivity Team Europe Initiative



EU-ASEAN Sustainable Connectivity Package
under the regional MIP for ASEAN 2021-2027.

€60 Million

Ongoing / new initiatives and potential new contributions

€1 Billion

EIB pledge for sustainable investments

Tools/Modalities : Policy dialogue, technical assistance, bank guarantees, loans, research and investment TAIEX/Twinning





Some illustrative examples of infrastructure investments in ASEAN countries are:

- Grid and road modernisation projects in Cambodia to improve the roads and improve the electricity distribution network for energy efficiency and digital transformation;
- Sustainable urban transport, irrigation systems and roads in Laos to improve connectivity and increase climate resilience;
- Solar power stations and about 60,000 home solar systems for last mile electrification in the Philippines.
- Grid and power supply, and a hydropower plant in Vietnam.

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Copernicus / Digital Philippines

Copernicus is the EU's Earth Observation Programme, looking at our planet and its environment for the benefit of Europe's citizens. The Copernicus Philippines programme supports the development of a National Copernicus Mirror Site (data centre) to be a repository of satellite data for the Philippines. The Digital Economy Package and the Team Europe Initiative on Digital Connectivity in the Philippines, will support the Philippines becoming a digital connectivity hub in the region with and expand Copernicus in South-East Asia. Connectivity through existing cables will be enhanced to allow fast access to the national mirror site and support rapid response to disasters. The Package will also support capacity building for cybersecurity and 5G roll out.



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EU-Singapore Digital Partnership


The EU-Singapore Digital Partnership will provide for the overarching framework of bilateral cooperation on digital issues, including digital economy and trade, trusted data flows and data innovation, standards, the development of digital skills for workers, and the digital transformation of businesses and of public services. The Partnership will enhance cooperation to make more resilient supply chains and pave the way for cooperation in new areas such as 5G/6G and Artificial Intelligence.

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The EU-ASEAN Comprehensive Air Transport Agreement (CATA)


The EU-ASEAN Comprehensive Air Transport Agreement (CATA) will open up more air transport opportunities and enhance connectivity between the two regions. It will support the aviation sector's recovery after COVID-19 and restore much-needed connectivity to the benefit of some 1.1 billion people, enabling greater business, trade, tourism and people-to-people exchanges. It replaces more than 140 bilateral air services agreements, providing a single set of rules and reducing red tape. It also gives a new platform to work jointly towards shared commitment to economically, socially and environmentally sustainable aviation.

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EU-ASEAN Cooperation on Research, Innovation and Education

Horizon Europe is a transnational research and innovation programme that facilitates collaboration and strengthens the impact of research and innovation in developing, supporting and implementing EU policies while tackling global challenges. It supports the creation and better diffusion of excellent knowledge and technologies. Horizon Europe is open to participation from all ASEAN members.

Erasmus+ is the EU's programme to support education, training, youth and sport in Europe.



Since 2014, **240** ASEAN and EU research cooperation projects were funded. Total EU Contribution: €35 million



Since 2014, **5.500** students and staff from ASEAN received Erasmus scholarships.



Nearly **3.000** European students and staff have taken up work or studies in ASEAN Member States under the Erasmus+ programme.



€15 MILLION EU Support to Higher Education in ASEAN Region (SHARE) programme (2015-2022)