



## Supporting development of policies and measures to scale up finance and investment in clean energy

### The programme

The OECD Clean Energy Finance & Investment Mobilisation (CEFIM) programme aims to strengthen domestic enabling conditions to attract finance and investment in renewable energy, energy efficiency and decarbonisation of industry (“clean energy”) in emerging economies.

Taking an integrated approach to policy, regulation and investment mobilisation, the CEFIM programme aims to increase the potential for impact. The programme is designed to help strengthen policies that enable a robust pipeline of clean energy projects whilst mobilising private sector finance and investments in clean energy.

The CEFIM programme was established in 2019 thanks to financial support from Denmark. In 2021, CEFIM was subsequently expanded thanks to financial support from Egypt, as well as Germany as part of the Sustainable Infrastructure Programme for Asia.



### Partner countries

CEFIM currently works with **Colombia, Egypt, India, Indonesia, the Philippines, Thailand** and **Viet Nam**. The programme is designed to provide support according to the needs of each partner country, complementing existing national efforts and bilateral or multilateral co-operation to accelerate the clean energy transition.

CEFIM activities are designed to support the specific needs of each partner country. This includes Clean Energy Finance and Investment Policy Reviews and Roadmaps, implementation support activities, investor dialogues and regional peer learning activities.





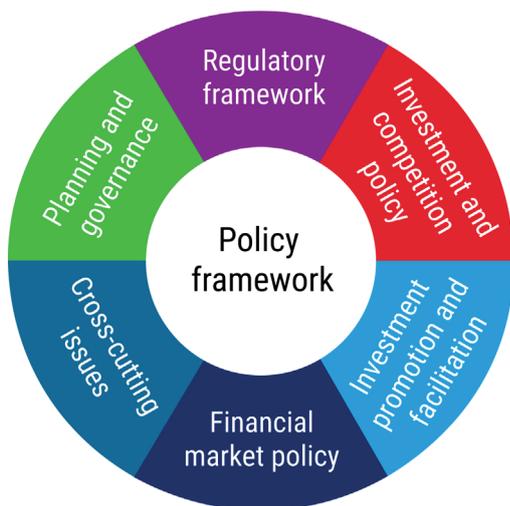
## CEFIM activities

### Policy Reviews

The Clean Energy Finance and Investment Policy Reviews provide a comprehensive overview of key policies, measures and regulations that form an enabling environment for clean energy development. The Reviews engage with stakeholders to assess challenges, identify opportunities and provide recommendations to unlock private capital for clean energy projects.

The Reviews:

- Apply an analytical framework through a flexible and demand-driven approach.
- Build on OECD experience with Investment Policy and Environmental Performance Reviews.
- Undertake a holistic analysis of policies that affect the finance and investment environment for clean energy.
- Consider how policies reinforce each other.



### Investor dialogues

These dialogues are aimed at drawing attention to clean energy investment opportunities and attracting new investors. They also aim to co-ordinate action with stakeholders and facilitate matchmaking opportunities by bringing together investors, project developers and policy makers.

### Roadmaps

The Clean Energy Finance and Investment Roadmaps bring together stakeholders to determine an action plan that identifies and addresses bottlenecks constraining finance and investment in clean energy.



The Roadmaps outline opportunities to tailor market and policy interventions to unlock further finance. They also evaluate the need and support the development of investment vehicles and financing solutions that can attract capital at suitable scales:

The Roadmaps:

- Leverage OECD convening power and bring together domestic and international partners to develop strategies to scale clean energy finance and investment.
- Set actions and time-bound milestones to achieve these strategies.
- Provide recommendations for financing mechanisms and innovative business models based on international experience.
- Identify investment opportunities.

## Implementation support activities

CEFIM provides countries with support to develop policies that attract private capital for clean energy, including assessing relevant financial instruments to maximise use of limited public and development funds. Other activities aim to help countries to:

- Formulate strategies that decarbonise industry and buildings, with a focus on accelerating energy efficiency adoption.
- Develop tool kits to track clean energy finance and investment flows.
- Strengthen capacity through trainings, workshops and policy dialogues.

### Actionable recommendations

Implementation of findings from the Clean Energy Finance and Investment Review and Roadmap

### Analysis and capacity building

Targeted analysis, workshops, policy dialogues and training events

### Operationalisation

Policies, financial instruments, tools or projects that support clean energy development



## Events

As part of CEFIM activities a number of partner country-specific, regional and international events have been organised covering topics such as energy efficiency finance, renewable energy finance, blended finance, emissions trading schemes, and digitalisation. The CEFIM webpage ([www.oecd.org/cefim](http://www.oecd.org/cefim)) hosts more information on these events.

## Regional peer learning

Regional peer learning events help identify common challenges and allow countries to share good practices and lessons learned in creating the right enabling environment to mobilise capital for the clean energy transition.

## Cross-cutting analysis

### Blended finance

Mobilisation of all sources of finance is needed to close the clean energy finance gap. Blended finance has a critical role to play in this endeavour and CEFIM will build on existing OECD DAC Blended Finance Guidance and Principles to develop specific guidance for the deployment and mobilisation of blended finance for clean energy projects.

### Industry transformation

Understanding industry's role in realising net-zero emission pathways requires attention from both businesses and governments. CEFIM is developing a framework with a step-by-step approach for countries to improve the conditions and help identify financing solutions for investment in decarbonisation levers in hard-to-abate industry sectors. The framework can then be implemented in Indonesia and Thailand, with a view to expand this activity to other countries in the future.

### Green hydrogen

Green hydrogen, produced using clean energy sources like renewable power, can contribute to the transition to a low-carbon economy. To support governments looking to enable investments in green hydrogen, CEFIM will assess salient challenges faced by countries, highlighting benefits and a systemic approach to identify opportunities to unlock investment in the hydrogen value chain in emerging and developing countries.



The CEFIM webpage ([www.oecd.org/cefim](http://www.oecd.org/cefim)) provides on-going insights into our activities and events. This includes country pages with interactive data and analysis, CEFIM country comparisons and analysis across thematic areas. The website also provides a growing number of case studies on international good practice in finance and investment mobilisation.

Online digital analytical pieces include:

- Global experience in catalysing renewable energy finance and investment ([2021](#))
- ASEAN Financial institutions leading the clean energy transition - joint report with WWF Asia Sustainable Finance Initiative ([2022](#))
- Assessing progress of Indonesia's financial system towards the clean energy transition: pilot survey results - joint report with Indonesia's Financial Services Authority (OJK) - upcoming
- Financing small-scale clean energy investments in Thailand - upcoming
- Green hydrogen development in emerging economies - upcoming



## Publications

- Clean Energy Finance and Investment Policy Review of **Indonesia** ([2021](#))
- Clean Energy Finance and Investment Policy Review of **Viet Nam** ([2021](#))
- Assessment of social discount rates and financial hurdle rates for energy system modelling in **Viet Nam** ([2021](#))
- Enabling conditions for bioenergy finance and investment in **Colombia** ([2022](#))

## Forthcoming work

- Blended finance guidelines for clean energy
- Framework for developing financing solutions to accelerate industry sector transformation in emerging and developing economies
- Clean Energy Finance and Investment Policy Review of **Egypt**
- Clean Energy Finance and Investment Roadmap of **India**
- Clean Energy Finance Training Programme in **Indonesia**
- Clean Energy Finance Training Programme in the **Philippines**
- Clean Energy Finance and Investment Roadmap of the **Philippines**
- Clean Energy Finance and Investment Roadmap of **Thailand**

For more information:

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