



# Global Matchmaking Platform

## Unlocking global cooperation for industrial decarbonisation

The Global Matchmaking Platform is a support mechanism of the Climate Club designed to fast-track the decarbonisation of heavy emitting industries and foster zero and low-emission industrial development in emerging and developing economies. Leveraging international cooperation, finance and technology, the Platform supports countries to transition smoothly to zero and low-carbon industrial practices aimed at achieving the goals of the Paris Agreement.



# Industrial transformation to meet climate goals

Industrial activities alone are responsible for a quarter of the global energy system CO<sub>2</sub> emissions. Energy and emissions intensive sectors such as steel, cement and chemicals represent over two-thirds of those emissions. To contribute to the global net-zero pathways and achieve the temperature goals set under the Paris Agreement, reducing the emissions from these sectors is critical.

This also requires bold investments in new technologies and infrastructure. Estimates by the International Energy Agency suggest that annual investments in new production plants compatible with net-zero pathways for steel, cement, chemicals and aluminium production currently only amount to USD 15 billion. This needs to increase to USD 70 billion by 2030 and USD 125 billion by 2050.

Emerging markets and developing economies are growing rapidly and will need to sustain their growth in the coming decades to meet their development needs. As drivers of both demand and production, these economies could play a vital role in reducing the emissions resulting from heavy industries. But emerging and developing economies are faced with the multiple challenges of development coupled with the lack of resources, capacity and technology to switch to cleaner industrial methods.

International support is crucial. Working together with developed economies and partner institutions from around the world providing technical and financial assistance, the Global Matchmaking Platform aims to address this challenge.

Decarbonising heavy-emitting industries will never be a one-size-fits-all solution. The answer lies in matching specific needs with tailored, proven solutions and financing that builds over time. This is what the Global Matchmaking Platform provides.

## INDUSTRIAL EMISSIONS

account for about

**25%**

of total CO<sub>2</sub> emissions from the energy system.

## HEAVY-EMITTING SECTORS

represent

**70%**

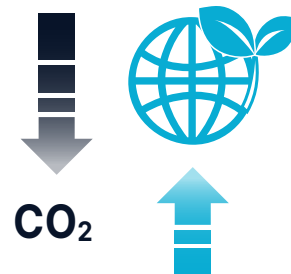
of this total.



## ACHIEVING NET-ZERO GOALS

requires these emissions to fall by

**90%**  
by 2050.



There is an

**ANNUAL FUNDING GAP** of

**US\$125 BILLION**

to reach this goal.



## Turning needs into action

The **Global Matchmaking Platform** acts as a single-point gateway for emerging and developing governments to raise customised requests and identify globally leading technical and financial solutions to decarbonise their energy and emissions intensive industrial sectors.

Through the Global Matchmaking Platform, policymakers can submit requests to match with a network of delivery partners which includes financiers, technology developers and experts from across the world. These matches can help emerging and developing economies mobilise finance for industrial decarbonisation, chart national roadmaps, plan effectively and implement the most strategic solutions to develop zero and low-emission, sustainable and energy-secure industrial sectors.

Leveraging synergies by working together with a multitude of stakeholders, the initiative has been designed to:

- **Reduce effort and transaction costs** in establishing suitable support and financing
- **Provide a more coordinated approach** to delivering assistance to emerging or developing economies
- **Mobilise more effective financing instruments** and unlock private sector finance

The Global Matchmaking Platform is an open and inclusive platform that offers a transparent matchmaking process. It is accessible to all emerging and developing economies.

## Making decarbonised industrial production the new normal

Supported by a Secretariat hosted by the **United Nations Industrial Development Organisation** (UNIDO), in close collaboration with the Climate Club interim-Secretariat hosted by the Organisation for Economic Cooperation and Development (OECD) and the International Energy Agency (IEA), the Global Matchmaking Platform is a collaborative platform that facilitates identification of solutions to address custom requests from countries for decarbonising their industrial sectors.

### Creating enabling conditions

This includes developing policies and roadmaps, setting clear targets and updating national climate commitments. It also includes crafting specific industry strategies, establishing standards and incentives, building robust monitoring, reporting and verification (MRV) systems and improving decarbonisation skills in both the public and private sectors.

### Facilitating investments and technology transfer

The Global Matchmaking Platform helps identify which technologies are needed and connects governments with providers. It helps prepare early-stage project studies and funding proposals to secure necessary financing, and increases awareness about new technologies, cost factors and risk mitigation tools.

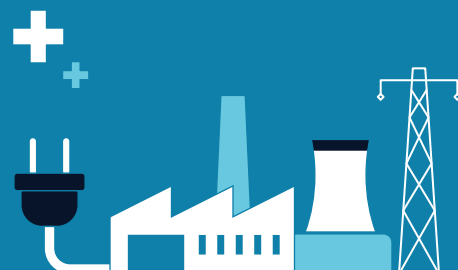
Together, these efforts help governments in emerging and developing economies overcome industry-wide barriers and promote zero and low-emission industrial development.

# The case for industrial decarbonisation in emerging and developing economies

## 1

### INDUSTRIAL DEMAND

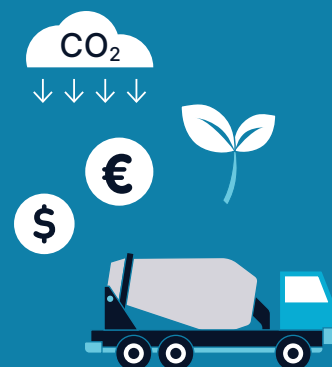
Most of the upcoming growth in demand for industrial materials will occur in emerging and developing economies. As these regions expand industrial output, they risk locking in high GHG emissions for decades. **This makes immediate decarbonisation efforts in these countries crucial for global climate action.**



## 2

### ECONOMIC GROWTH

Industrial sectors are key drivers of economic growth in emerging and developing economies. Transitioning to zero and low-emission practices ensures sustainable development, while creating new economic opportunities and fostering innovation. This can also ensure ability to compete in future global markets.



## 3

### ENERGY SECURITY

By **diversifying energy sources and promoting energy efficiency**, industrial decarbonisation enhances energy security, reducing reliance on fossil fuels and vulnerability to energy price fluctuations.



## 4

### GLOBAL COLLABORATION

Fostering international cooperation will help emerging and developing economies decarbonise industries, thus contributing to global climate efforts and alignment with net-zero pathways as well as the temperature goals of the Paris Agreement.



# The power of collaboration

The Global Matchmaking Platform, as a support mechanism of the Climate Club, collaborates with a diverse range of institutions to harness financial, technological and strategic resources. These include:

## GOVERNMENTS

### Steering towards sustainability

The Global Matchmaking Platform engages with governments of emerging and developing economies that are ready to reshape industrial frameworks with strategies that ensure sustainability while fostering economic growth.

#### THE BENEFITS

Governments of emerging and developing economies gain access to targeted support. This allows them to create an enabling policy and regulatory framework, access an array of financing options, explore innovation opportunities and ensure effective project implementation.

## DELIVERY PARTNERS

### From plans to action

The Global Matchmaking Platform connects delivery partners, institutions that provide technical assistance for industry decarbonisation, with pre-articulated country requests that align with partner areas of expertise, mandates and priorities, through a streamlined matchmaking process.

#### THE BENEFITS

Technical delivery partners that specialise in implementing decarbonisation projects get access to pre-defined requests from governments, ensuring higher impact, delivering tangible results in advancing climate action and zero and low-emission industrial development.

## DONORS

### Financing the clean transition

The Global Matchmaking Platform bridges the gap between ambition and action by matching high-impact country projects with the most suitable delivery partner(s), reducing duplication and leveraging cross-cutting expertise to maximise the effectiveness of investments in global decarbonisation.

#### THE BENEFITS

Donors identify solid pipelines of projects with reduced risks and reduced development time. Projects are additionality ensured and duplication is avoided, impact is maximised and development of programmatic approaches are supported.

## PRIVATE SECTOR

### Innovating for a cleaner tomorrow

By connecting investors and technology providers with emerging and developing markets, the Platform mobilises private capital and facilitates the transfer of cutting-edge solutions to drive deep industrial decarbonisation.

#### THE BENEFITS

The Platform provides access to opportunities for investing in and deploying industry decarbonisation technologies, fosters collaborations that drive advancements in decarbonisation and contributes to global efforts through technology transfer and sustainable practices.

# The matchmaking process

## 6 steps to a decarbonisation solution

1



Relevant government ministry or agency **SUBMITS A REQUEST**

2



The Global Matchmaking Platform **REVIEWS THE REQUEST**

5

**JOINT PROGRAMMING** between government, delivery partners and donor



Detailed request circulated to **NETWORK OF DELIVERY PARTNERS**

6

**A MATCH** is agreed between the government, delivery partners and donor

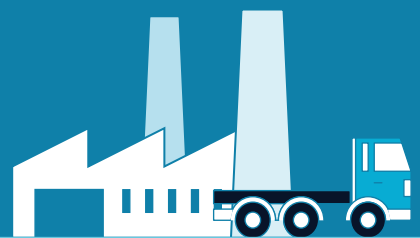


4



**DETAILING and VALIDATION**

3





**The Climate Club:** The Climate Club was launched at COP28 as an inclusive high-ambition intergovernmental forum for exchange on accelerating climate action and industry decarbonisation. The objective of the Climate Club members is to support the effective implementation of the Paris Agreement and decisions thereunder. It currently comprises more than 40 members.



**United Nations Industrial Development Organization (UNIDO):** As a specialised United Nations agency, UNIDO acts as the Global Matchmaking Platform Secretariat. UNIDO has a unique global mandate to promote inclusive and sustainable industrial development. It is dedicated to helping emerging and developing countries and their industries make this transition. With over 20 years of experience in successful clean energy projects and policy advice, UNIDO has earned the trust of more than 170 countries. Its extensive in-country work has created a vast network and provided deep insights across numerous industries.

For further information contact [gmp@climate-club.org](mailto:gmp@climate-club.org) or visit [globalmatchmakingplatform.climate-club.org](https://globalmatchmakingplatform.climate-club.org) and the Climate Club [YouTube channel](#).



An inclusive and ambitious  
**high-level forum** for industry  
decarbonisation.