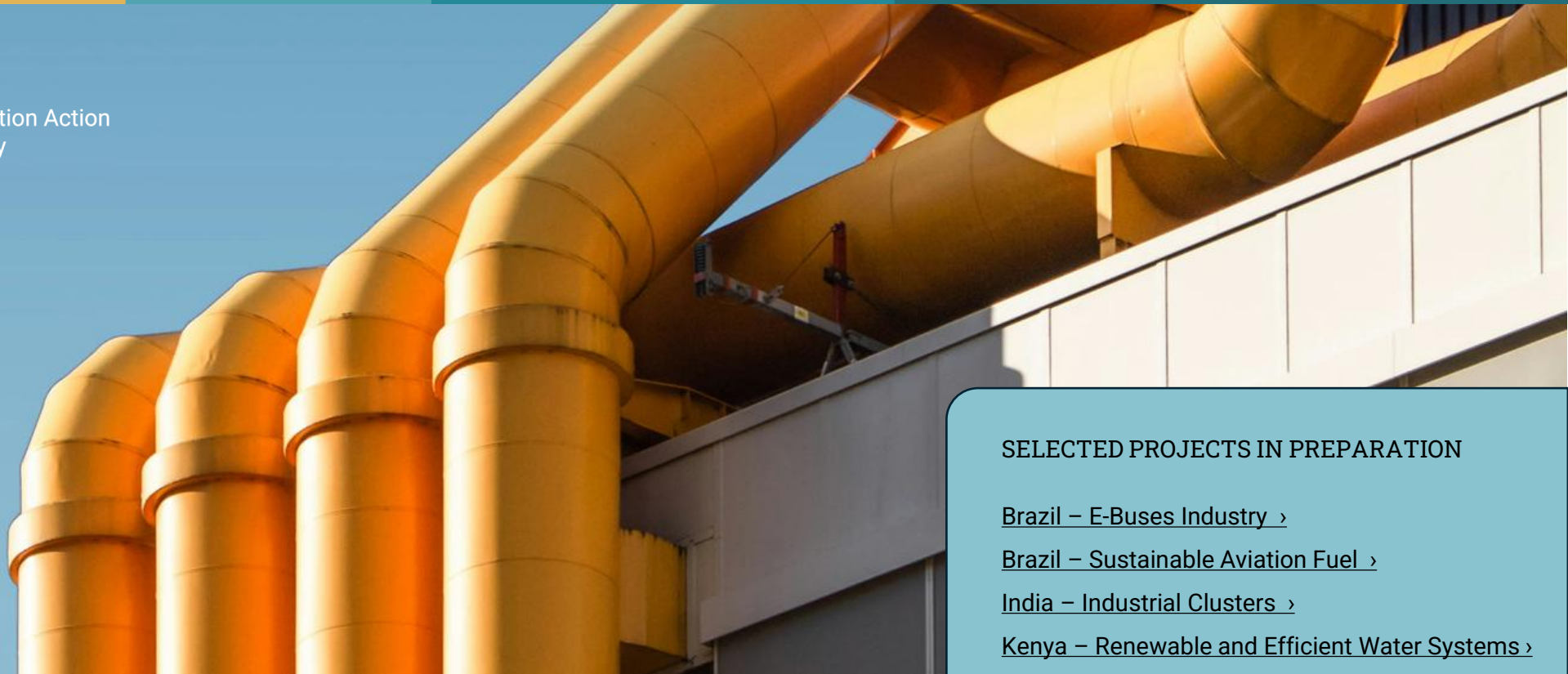




Mitigation Action  
Facility



# Mitigation Action Facility Project Pipeline

## SELECTED PROJECTS IN PREPARATION

[Brazil – E-Buses Industry >](#)

[Brazil – Sustainable Aviation Fuel >](#)

[India – Industrial Clusters >](#)

[Kenya – Renewable and Efficient Water Systems >](#)

[Multi-Country – SCAF III >](#)

[Pakistan – Battery Swapping Network >](#)

[Philippines – Green Cooling Solutions >](#)

[South Africa – Steel >](#)

[Viet Nam – Sustainable Industries >](#)

On behalf of

Supported by:



Federal Ministry  
for the Environment, Climate Action,  
Nature Conservation and Nuclear Safety

of the Federal Republic of Germany



IKI INTERNATIONAL  
CLIMATE  
INITIATIVE



UK Government



Danish Ministry of Climate,  
Energy and Utilities



CHILDREN'S  
INVESTMENT FUND  
FOUNDATION



## Kenya – Renewable and Efficient Water Systems

The project seeks to transform Kenya’s water sector into a low-carbon and climate-resilient system by integrating solar photovoltaic generation and advanced energy efficiency solutions across 70 water service providers. By improving operational efficiency and service reliability for more than 23 million people, the project demonstrates how climate mitigation and development impacts can be jointly achieved at scale.

**APPLICANT SUPPORT PARTNER**  
MicroEnergy International GmbH

**MAIN PROJECT PARTNER**  
MicroEnergy International GmbH

**IMPLEMENTATION DECISION**  
January 2028

**INDICATIVE TOTAL FUNDING VOLUME**  
EUR 19.2 million

**FINANCIAL MECHANISM**  
Blended loan, guarantee

**MITIGATION POTENTIAL**  
8.9 MtCO<sub>2</sub>e (by 2045)



## Brazil – E-Buses Industry

The project aims to accelerate the transition to zero-emission public transport in Brazil by replacing 1,739 internal combustion engine buses with electric buses across three cities. Through the use of a first-loss guarantee scheme, the project seeks to de-risk private investment in e-bus fleets, unlock large-scale financing, and drive a long-term transformation of urban mobility systems.

**APPLICANT SUPPORT PARTNER**  
World Resources Institute (WRI) Brazil

**MAIN PROJECT PARTNER**  
Instituto de Políticas de Transporte e Desenvolvimento (ITDP Brasil)

**IMPLEMENTATION DECISION**  
February 2027

**INDICATIVE TOTAL FUNDING VOLUME**  
EUR 28.5 million

**FINANCIAL MECHANISM**  
Credit risk guarantee

**MITIGATION POTENTIAL**  
76 MtCO<sub>2</sub>e (over technology lifetime)



## India – Industrial Clusters (DeepDC)

The project supports the decarbonisation of energy-intensive industrial clusters in India by enabling around 300 facilities in the textile, apparel, and food and beverage sectors to adopt low-carbon technologies. By promoting electrification of industrial processes and energy efficiency measures, the project aims to achieve significant emissions reductions while demonstrating scalable decarbonisation pathways for SME industries.

**APPLICANT SUPPORT PARTNER**  
Sequa GmbH

**MAIN PROJECT PARTNER**  
STENUM Asia, aimplifin GmbH

**IMPLEMENTATION DECISION**  
October 2026

**INDICATIVE TOTAL FUNDING VOLUME**  
EUR 26.1 million

**FINANCIAL MECHANISM**  
Results-based grant

**MITIGATION POTENTIAL**  
1.4 MtCO<sub>2</sub>e (over project lifetime)



## Philippines – Green Cooling Solutions

The project aims to decarbonise cooling-intensive commercial and industrial facilities in the Philippines by accelerating the uptake of energy-efficient cooling technologies and innovative service-based business models. By addressing behavioural, technical, structural, and financial barriers, the project seeks to transform the cooling market and deliver long-term emissions reductions.

### APPLICANT SUPPORT PARTNER

Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

### MAIN PROJECT PARTNER

Philippine Energy Efficiency Alliance, UNEP-CCC

### IMPLEMENTATION DECISION

September 2027

### INDICATIVE TOTAL FUNDING VOLUME

EUR 24.3 million

### FINANCIAL MECHANISM

Loan, guarantee facility

### MITIGATION POTENTIAL

648,286 MtCO<sub>2</sub>e (over technology lifetime)



## South Africa – Steel

The project aims to catalyse the decarbonisation of South Africa's steel industry by supporting the transition towards near-zero-emission steel production. By combining innovative technologies with an enabling policy framework, the project seeks to unlock systemic change across the steel value chain and generate spill-over effects for other hard-to-abate industrial sectors.

### APPLICANT SUPPORT PARTNER

United Nations Industrial Development Organization

### MAIN PROJECT PARTNER

Industrial Development Corporation (IDC),  
Guidehouse Germany GmbH

### IMPLEMENTATION DECISION

October 2026

### INDICATIVE TOTAL FUNDING VOLUME

EUR 28.7 million

### FINANCIAL MECHANISM

CAPEX grant, credit risk guarantee

### MITIGATION POTENTIAL

3 MtCO<sub>2</sub>e (over technology lifetime)



## Pakistan – Battery Swapping Network

The project seeks to catalyse a nationwide battery swapping ecosystem for electric mobility in Pakistan by deploying a network of battery swapping stations and electric three-wheelers. By enabling scalable adoption of electric mobility solutions, the project aims to significantly reduce vehicular air pollution and greenhouse gas emissions while demonstrating the transformational potential of battery-as-a-service business models.

### APPLICANT SUPPORT PARTNER

Lahore University of Management Sciences

### MAIN PROJECT PARTNER

National Rural Support Programme

### IMPLEMENTATION DECISION

August 2026

### INDICATIVE TOTAL FUNDING VOLUME

EUR 8.8 million

### FINANCIAL MECHANISM

CAPEX grant

### MITIGATION POTENTIAL

1.5 MtCO<sub>2</sub>e (over technology lifetime)



## Viet Nam – Sustainable Industries

The project aims to reduce industrial greenhouse gas emissions in Vietnam by supporting approximately 300 facilities in the textile, apparel, and food and beverage sectors to implement energy-efficient and low-carbon technologies. By combining grant funding with concessional finance, the project seeks to drive sector-wide transformation and establish replicable models for sustainable industrial production.

### APPLICANT SUPPORT PARTNER

World Wide Fund for Nature (WWF) – Viet Nam

### MAIN PROJECT PARTNER

Agence Française de Développement (AFD) Group

### IMPLEMENTATION DECISION

March 2027

### INDICATIVE TOTAL FUNDING VOLUME

EUR 17.8 million

### FINANCIAL MECHANISM

CAPEX grant

### MITIGATION POTENTIAL

3.4 MtCO<sub>2</sub>e (over technology lifetime)



## Multi-Country – SCAF III

The project aims to improve the clean energy mix across multiple countries, including South Africa, Zambia, Indonesia, and the Philippines, by addressing structural barriers to renewable energy and energy efficiency deployment. Through investments in renewable generation, battery energy storage systems, and efficiency solutions, the project seeks to unlock transformational change in energy systems and drive substantial emissions reductions.

### APPLICANT SUPPORT PARTNER

Frankfurt School of Finance and Management – FS Impact Finance

### MAIN PROJECT PARTNER

In preparation

### IMPLEMENTATION DECISION

August 2026

### INDICATIVE TOTAL FUNDING VOLUME

EUR 26.5 million

### FINANCIAL MECHANISM

Grant, concessional loan

### MITIGATION POTENTIAL

72.4 MtCO<sub>2</sub>e (over technology lifetime)



## Brazil – Sustainable Aviation Fuel

The project aims to support the development of a sustainable aviation fuel (SAF) market in Brazil by enabling the production and uptake of low-carbon fuels derived from sustainable biomass. By addressing key supply-side and demand-side barriers, the project seeks to catalyse investment, reduce aviation emissions, and position Brazil as a leader in SAF deployment.

### APPLICANT SUPPORT PARTNER

Acelen Energia Renovável S.A. (Acelen Renewables)

### MAIN PROJECT PARTNER

Empresa Brasileira de Pesquisa Agropecuária – Embrapa Agroenergia

### IMPLEMENTATION DECISION

June 2027

### INDICATIVE TOTAL FUNDING VOLUME

EUR 21.5 million

### FINANCIAL MECHANISM

Grant

### MITIGATION POTENTIAL

3.9 MtCO<sub>2</sub>e (over project lifetime)

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[India – Steel >](#)

[Indonesia – Biogas >](#)

[Kazakhstan – Wind and Storage Systems >](#)

[Mauritius – Energy Efficiency >](#)

[Türkiye – Cement >](#)

[Viet Nam – Decarbonising Cement >](#)