



UNITED NATIONS  
INDUSTRIAL DEVELOPMENT ORGANIZATION  
Progress by innovation



# Global Cleantech Innovation Programme (GCIP)

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Empowering changemakers – Transforming tomorrow

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©Global Cleantech Innovation Programme (GCIP)



# What is GCIP?







**Advancing cleantech innovation and entrepreneurship in emerging market and developing economies to address climate challenges and foster sustainable development**

# Message from Our Leadership

**At GCIP, we support the development of cleantech innovation and entrepreneurship in industry sectors that are the biggest contributors to air pollution.**

**By introducing new clean solutions and greening the existing industries, we provide communities with better living conditions, promote economic development and advance climate action.**



**Olga Rataj**  
GCIP Programme Manager





**GCIP directly supports cleantech start-ups and SMEs through business acceleration training, mentorship, networking and funding access facilitation. GCIP also helps partner countries strengthen their national innovation and entrepreneurship ecosystems to create enabling conditions for the cleantech industry to thrive. GCIP builds capacities of national institutions and contributes to the formulation of inclusive national policy frameworks as well as creates partnerships between stakeholders in the public, private and academic sectors.**

# Partnering for a greener future



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UNIDO promotes industrial development to reduce poverty and enable inclusive globalization and environmental sustainability. UNIDO's work responds to the Sustainable Development Goals (SDGs), and in particular SDG-9 to help "build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation". UNIDO supports the transition to a sustainable energy path as a key solution to a climate change. It prioritizes technology transfer and capacity building of industries, including small and medium-sized enterprises (SMEs).



global  
environment  
facility  
INVESTING IN OUR PLANET

The GEF is a catalyst for action on the environment. Through its strategic investments, the GEF works with partners to tackle the planet's biggest environmental issues. GEF funding helps reduce poverty, strengthens governance and achieves greater equality between women and men. The GEF occupies a unique space in the global partnership for a more sustainable planet. It aims to expand private sector investment and commitment to environmental solutions across its focal areas and initiatives, while seeking to identify potential opportunities to enhance private sector engagement.



GREEN  
CLIMATE  
FUND

The GCF is a unique global platform to respond to climate change by investing in low-emission and climate-resilient development. GCF was established by 194 governments to limit or reduce greenhouse gas (GHG) emissions in developing countries, and to help vulnerable societies adapt to the unavoidable impacts of climate change. Given the urgency and seriousness of this challenge, GCF is mandated to make an ambitious contribution to the united global response to climate change.

# Working towards...

Which Sustainable Development Goals (SDGs) does GCIP address?



# GCIP Approach

What is the GCIP business acceleration road?

## Pre-Acceleration

Development of initial concepts and formation of early-stage teams

## Calls for Application

National calls for application in GCIP countries

## National Selection

Screening and selection of national semi-finalists

## National Academies

First mentoring session for national semi-finalists

## Mentoring/Training Programme

Second mentoring session for national semi-finalists

## National Judging

Selection of national programme finalists

## National Award Ceremony

Announcement of winners and national award events

## GCIP Global Forum

Selection of GCIP Global finalists and award ceremony

## Advanced Accelerator

Advanced business growth and commercialization support



# STARTUPS & SMES

Facilities, pilot opportunities,  
commercial partnerships



Access to external  
innovation



Corporates

Mentoring, training,  
facilities

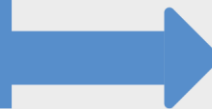


Innovation trends,  
network



Incubators/  
accelerators

Grants & incentives, regulatory  
environment, lead markets

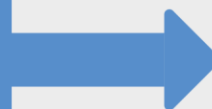


GDP contribution, job creation,  
input to future policy priorities



Government

Skilled talent pool, research  
collaboration, facilities

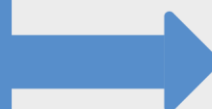


Validated research  
applications



Universities

Financial returns



Advice,  
contacts



Risk capital  
providers

# Cleantech innovation areas

Which technologies does GCIP support?



Energy  
Efficiency



Renewable  
Energy



Waste  
Beneficiation



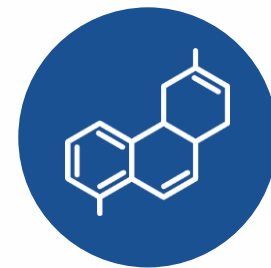
Water  
Efficiency



Green  
Buildings



Transportation



Advanced  
Materials  
& Chemicals

# GCIP Design

- Critical mass of cleantech start-ups and SMEs accelerated across the “valley of death”
- Vibrant, connected and inclusive national cleantech innovation & entrepreneurship ecosystems
- Sharing of best practices & lessons learnt; cross-country coordination; South-South and Triangular Cooperation

## COMPONENT 1

Transforming early-stage innovative cleantech solutions into commercial enterprises



## COMPONENT 2

Cleantech innovation and entrepreneurship ecosystems strengthening and connectivity



## COMPONENT 3

Programme coordination and coherence



# COMPONENT 1

Transforming cleantech start-ups and SMEs from emerging markets and developing economies into investment-ready and scalable solutions through progressive business acceleration services.

## Pre-Accelerator

Activities for students, innovators, entrepreneurs who have a cleantech idea or concept, or want to learn how to originate cleantech ideas.

## Main Accelerator

Supporting early-stage start-ups & SMEs with innovative cleantech solutions with at least a proof of concept but not yet commercial to develop and validate robust business models.

## Advanced Accelerator

Business growth & commercialization support, investment/market/technology/product readiness guidance for enterprises that validated key elements of business models incl. a working prototype with a minimum feature set.

## Global Accelerator\*

Finding & fostering high-impact cleantech innovations worldwide presenting innovative solutions to address specific climate & environmental challenges for the benefit of emerging markets & developing economies.



# COMPONENT 2

Strengthening national innovation and entrepreneurship ecosystems, thus enabling countries to leapfrog to cleaner and more resilient economies.



**Knowledge creation  
and exchange to  
promote linkages  
between GCIP  
ecosystems and  
strengthen South-  
South cooperation**



**Capacity building  
and strategy  
frameworks for  
national institutions**



**Dissemination of  
guidance on global  
best practices for the  
strengthening of  
policy and regulatory  
frameworks**



**Global Forum to  
enhance networking  
and exchange  
lessons learned**

# COMPONENT 3

Ensuring coherence of the GCIP programmatic approach, advancing global partnerships and South-South and Triangular cooperation and capturing GCIP impact.



**Disseminating  
implementation  
guidelines to partner  
countries to ensure the  
coherence of the GCIP  
programmatic  
approach**



**Enabling  
programme impact  
monitoring and  
provision of tools  
and methodologies  
to the countries**

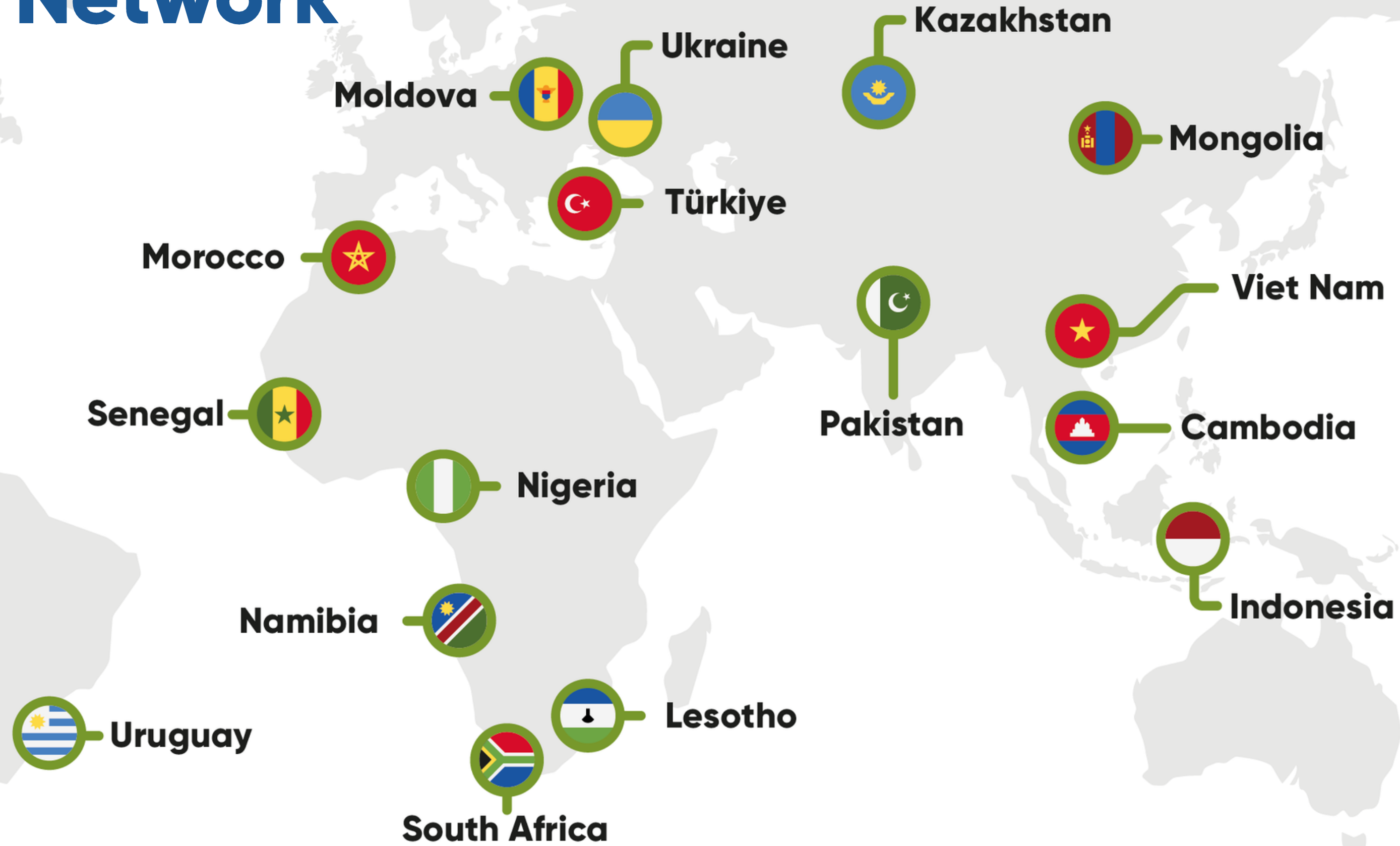


**Capturing and  
communicating GCIP  
achievements,  
success stories,  
impact within partner  
countries and  
globally**



**Facilitating  
knowledge creation  
and exchange to  
promote synergies  
within and across  
ecosystems.**

# GCIP Network



# GCIP Impact

What do we want to achieve until 2030?

**1,719,000–3,438,000 metric tons**

**8,595,000–17,190,000 metric tons**

**12,225 (7,946 – male; 4,279 – female)**

**955 / 400**

**25**

- **Mitigation of direct GHG emissions**
- **Mitigation of indirect GHG emissions**
- **Number of direct beneficiaries (2022–2026)**
- **Cleantech enterprises supported / experts trained (2022–2026)**
- **Countries in the GCIP network**



# GCIP: Key Benefits

Cleantech start-ups and SMEs	Governments and industry associations	Investors and financing partners	Cleantech innov-n & entrepreneurship experts	Sponsors and donors
<p>GCIP nurtures start-ups and SMEs developing cleantech innovations through business acceleration services.</p> <p>GCIP connects high-potential entrepreneurs to investors and helps them pilot their solutions.</p>	<p>GCIP fosters enabling innovation and entrepreneurship ecosystems in partner countries to advance cleantech entrepreneurship.</p> <p>GCIP facilitates knowledge creation and exchange to promote synergies within and across ecosystems.</p>	<p>Through collaboration with GCIP, investors gain exclusive access to credible cleantech solutions with potential.</p> <p>GCIP builds investment-ready and scalable cleantech innovations, mentored and selected for economic viability, environmental sustainability, social and gender-specific impact.</p>	<p>GCIP trains and certifies a community of national and global cleantech innovation and entrepreneurship experts.</p> <p>Mentors, trainers and judges working with GCIP get access to networking with credible high-impact cleantech enterprises and the latest innovative developments.</p>	<p>GCIP produces investment-ready and scalable cleantech solutions.</p> <p>GCIP has the potential for further expansion and upscaling as the largest cleantech innovation and entrepreneurship acceleration and support programme globally.</p>

# Empowering women & youth

**Offering national institutions, incl. gender-focused organizations, capacity building and guidance on global best practices for the strengthening of enabling policy and regulatory frameworks.**

**Developing youth entrepreneurs' necessary skills specific to cleantech through training & mentoring of GCIP and creating an equal footing with other generations in the industry.**

**Involving women in the mentoring, training and judging to create more role models and designing special mentoring activities targeted at women entrepreneurs.**

**Fostering investment-ready and scalable cleantech solutions, selected for their economic viability, environmental sustainability, social and gender-specific impacts.**

# Testimonials

**“ I joined GCIP South Africa in 2016 and won the Most Promising Youth-led Enterprise Award.**

**The programme assisted me to develop my business model and define my journey to commercialization which has helped me to successfully secure several investors.**

**Sandiswa Qayi**  
AMHLATHI ECO TECH, SOUTH AFRICA



**“ Assumptions over gender roles have largely decreased women in STEM. Everyone, regardless of their gender, has to work towards keeping our planet safe and healthy. GCIP has been a platform for me to better understand how best to present our cleantech innovation to investors and gain access to more funding for expanding in Africa at large. GCIP was a nudge in the right direction.**

**Lolade Alonge**  
KOOLBOKS, NIGERIA 2022



**“ Having a diverse and inclusive leadership can bring a range of perspectives and insights that can lead to a better decision-making. Cleantech industry focuses heavily on STEM, where women are underrepresented. This can create a barrier for whoever wants to lead cleantech companies. GCIP helped us to face these obstacles, to develop our ideas and to bring them to market.**

**Atchara Poomee**  
PAC, THAILAND 2018





# Get in touch

Follow GCIP on social media or reach out via email: we are happy to hear from you!



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**@GCIPsmes**



**@gcip\_global**



**gcip.tech**



**GCIP**

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