

# Innovation Ecosystems for Clean Technology Entrepreneurship



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**Clean Energy Solutions Centre WEBINAR**

Fostering Cleantech Innovation Ecosystems:

The Global Cleantech Innovation Programme & Network

# UNIDO Mandate

## Inclusive & Sustainable Industrial Development (ISID)

### Thematic Areas:



Creating shared prosperity



Advancing economic competitiveness

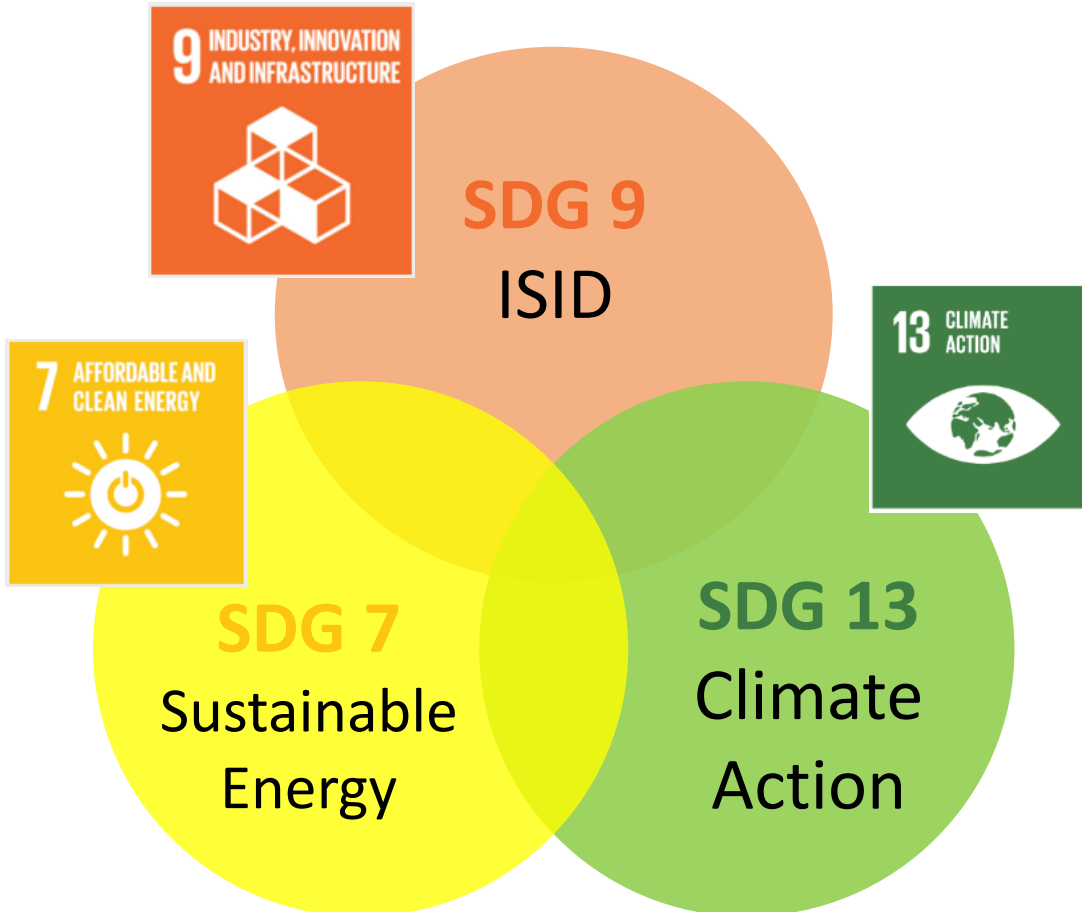


Safeguarding the environment

Achieving **equitable & sustainable** social, economic and environmental growth while mainstreaming women and youth.



## Industry, SE4ALL and SDGs



- Job Creation
- Business Models
- Women's Empowerment
- Nexus Co-benefits
- Promoting innovation
- Sustainable Energy and Climate Agreement



**TOGETHER**  
*for a sustainable future*

1966 - 2016



# Global Cleantech Innovation Programme for SMEs





## Our Goal

Promoting innovations in clean technologies by using a cross-sectoral & multi stakeholders approach to build **sustainable innovation entrepreneur ecosystems** for small businesses

**Linking SMEs to the Global Value Chain**

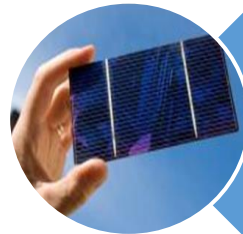


# Building Blocks





# Thematic Focus



Initially the programme focused on 5 categories:

- Energy Efficiency
- Renewable Energy
- Waste to Energy
- Water Efficiency
- Green Building (added in 2016)



Subsequently more categories will be added:

- Transportation
- ICT

# 2015 Cleantech Accelerator in 6 countries





# Global Cleantech Innovation Programme for SMEs in INDIA



## Fostering clean energy technology innovations

## Why GCIP: Vision of MSME

- ✓ All SMEs in India to be energy efficient and adoption of clean technologies by 2025
- ✓ To promote sustainable development and reduce carbon footprint by introduction of new technologies and promoting innovation ecosystem



## GCIP India: Major Components

- ✓ National platform to promote clean technology innovations and competitiveness of SMEs and business models that can deliver global environmental benefits-Competition/Accelerator
- ✓ Building national capacity for clean technologies and the development of a supportive local entrepreneurial ecosystem-Workshops
- ✓ Policy and institutional framework for scaling up and commercialization of clean technologies innovations and acceleration activities in SMEs across India - PSC

## GCIP India 2016

### GCIP India 2016 Accelerator

<b>Applications Open</b>	<b>1<sup>st</sup> April</b>
<b>Applications Close</b>	<b>15<sup>th</sup> May</b>
<b>Semifinalist Announcement</b>	<b>20<sup>th</sup> May</b>
<b>National Academy</b>	<b>11-12<sup>th</sup> June</b>
<b>Business Clinics</b>	<b>11<sup>th</sup> July &amp; 22<sup>nd</sup> July</b>
<b>Worksheet Deadline</b>	<b>2<sup>nd</sup> September</b>
<b>Final Judging</b>	<b>21<sup>st</sup> October</b>
<b>National Announcement &amp; Investors Meet</b>	
<b>National Gala Function –Minister level</b>	-
<b>Global Forum California</b>	<b>February 2017</b>
<b>Program Completion Report</b>	



## GCIP India 2016

- ✓ **191 applications received on closing day –highest in the last three year of the program**
- ✓ **20 semi-finalists selected by a screening committee comprising 6 members – 4 scientists and two experts**
- ✓ **The national academy to be held on 11 -12 June**
- ✓ **25 mentors shortlisted for the program**



## GCIP India: Successes

- ✓ Strong interface between the innovators and the policy makers thus substantially contributing in providing input for policy corrections from the SME perspective
- ✓ Special focus on clean technology innovations and not on marketing or service related innovations in the technology space
- ✓ Impact on SME ecosystem nation wide – in 2015 applications from 17 cities and in 2016 semi-finalists from 13 cities



## GCIP India: Successes

- ✓ Top six finalists of 2015 offered to pitch their case to the members of the Indian Angel Network (IAN) through a brief slide deck
- ✓ Though small compared to India's market size and need, GCIP India identified innovations with EE component of 20%



# Expected Results and Impacts

- **Strong support provided to over 150 startups/SMEs each year**
- **Scale up to over 400 supported SMEs by the end of the projects**
- **Promotion of North to South and South to South, Technology Transfer and exchange of best practices in Innovation for Global Collaboration and Partnership**
- **Gender Impact** – supporting women entrepreneur-led startups/SMEs in Clean Energy Technologies Innovations



# THANK YOU



UNIDO@50 Celebration | 21 Nov 2016  
UNIDO EXPO | 21-25 Nov 2016