



partner for prosperity

UNIDO Energy Programme



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UNIDO's 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.



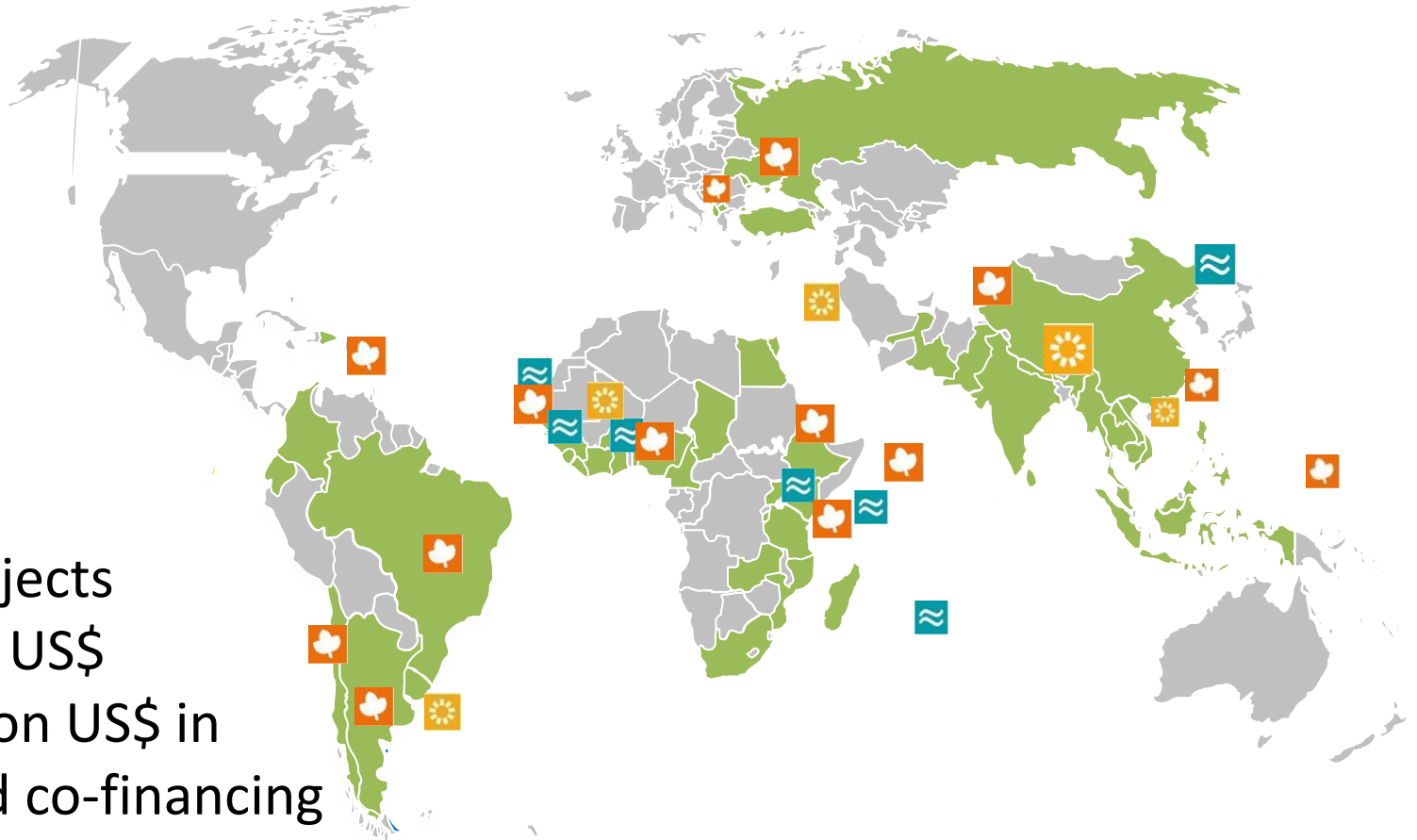


SUSTAINABLE DEVELOPMENT GOALS

17 GOALS TO TRANSFORM OUR WORLD

1 NO POVERTY 	2 ZERO HUNGER 	3 GOOD HEALTH AND WELL-BEING 	4 QUALITY EDUCATION 	5 GENDER EQUALITY 	6 CLEAN WATER AND SANITATION
7 AFFORDABLE AND CLEAN ENERGY 	8 DECENT WORK AND ECONOMIC GROWTH 	9 INDUSTRY, INNOVATION AND INFRASTRUCTURE 	10 REDUCED INEQUALITIES 	11 SUSTAINABLE CITIES AND COMMUNITIES 	12 RESPONSIBLE CONSUMPTION AND PRODUCTION
13 CLIMATE ACTION 	14 LIFE BELOW WATER 	15 LIFE ON LAND 	16 PEACE, JUSTICE AND STRONG INSTITUTIONS 	17 PARTNERSHIPS FOR THE GOALS 	 SUSTAINABLE DEVELOPMENT GOALS

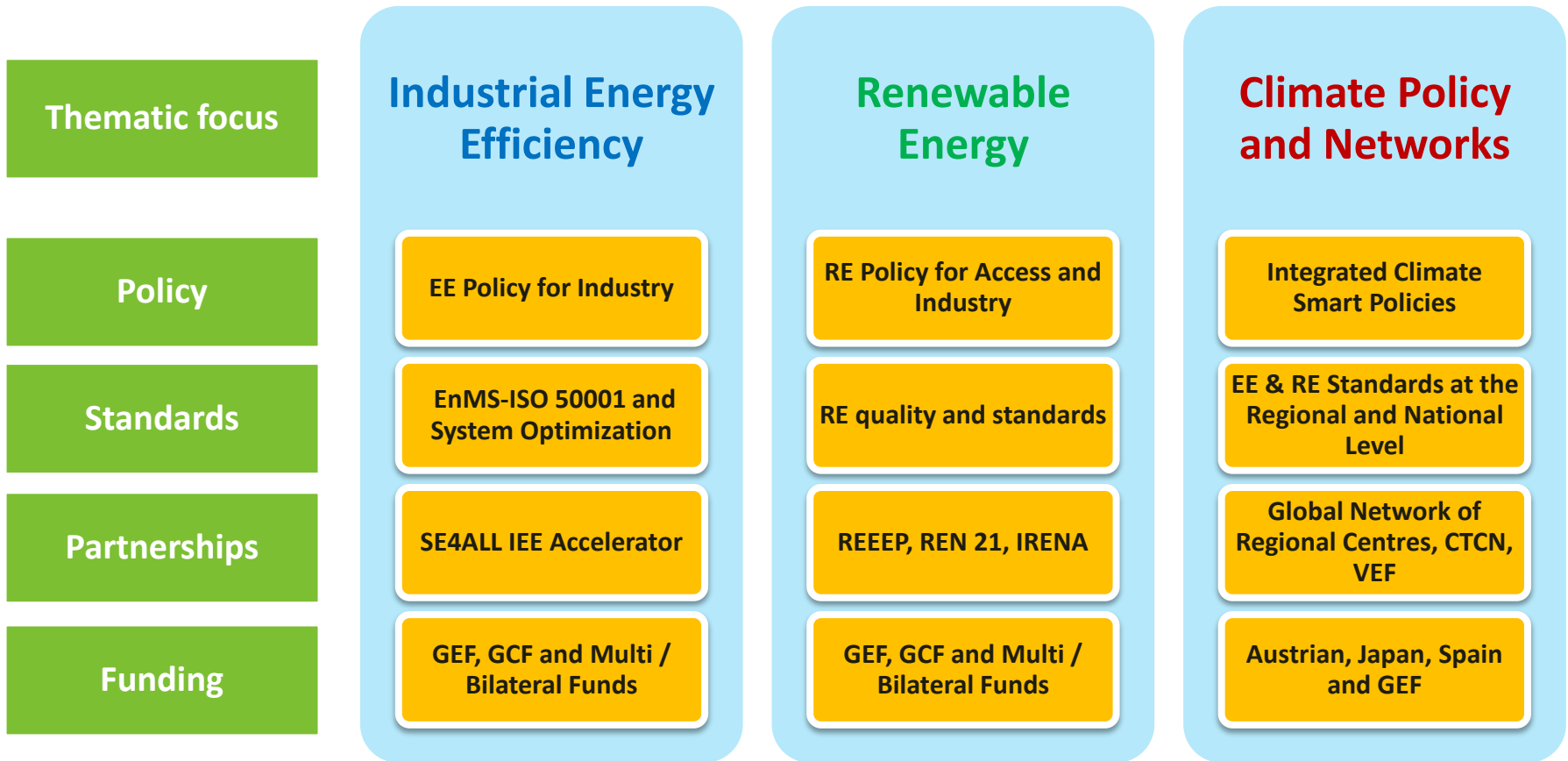
UNIDO Energy Portfolio



- **120** projects
- **280 mil** US\$
- **1.6 billion** US\$ in planned co-financing
- **60** countries



UNIDO Energy Programme THREE STRATEGIC PILLARS



UNIDO Selected Industrial Renewable Energy Projects

Ukraine: EE & RE in agro-food sector

- Strengthen POLICY framework
- TECHNOLOGY demonstration:
 - Advanced biodiesel production unit
 - Heat-exchangers and EMS in industrial bakery
 - Steam turbine in paper enterprise
 - Biogas system in cattle farm
 - 1000m² solar thermal system in milk-processing
 - Biomass boilers in wood-processing plant
- CAPACITY building
- SUSTAINABILITY





UNITED NATIONS
INDUSTRIAL DEVELOPMENT ORGANIZATION

Global Cleantech Innovation Programme (GCIP) for SMEs



Innovation Ecosystem for SMEs

Global Cleantech Innovation Programme (GCIP)



Policy and Regulations
A Cleantech Innovation
Index for SMEs

Mentoring and Training
Business Clinics
Investor Connect

Fostering
an Innovative
Cleantech Ecosystem

Linking Innovative
Enterprises to Private
Sector Financing and CSR
Initiatives

Building the National
Institutional Capacity

GCIP country coverage

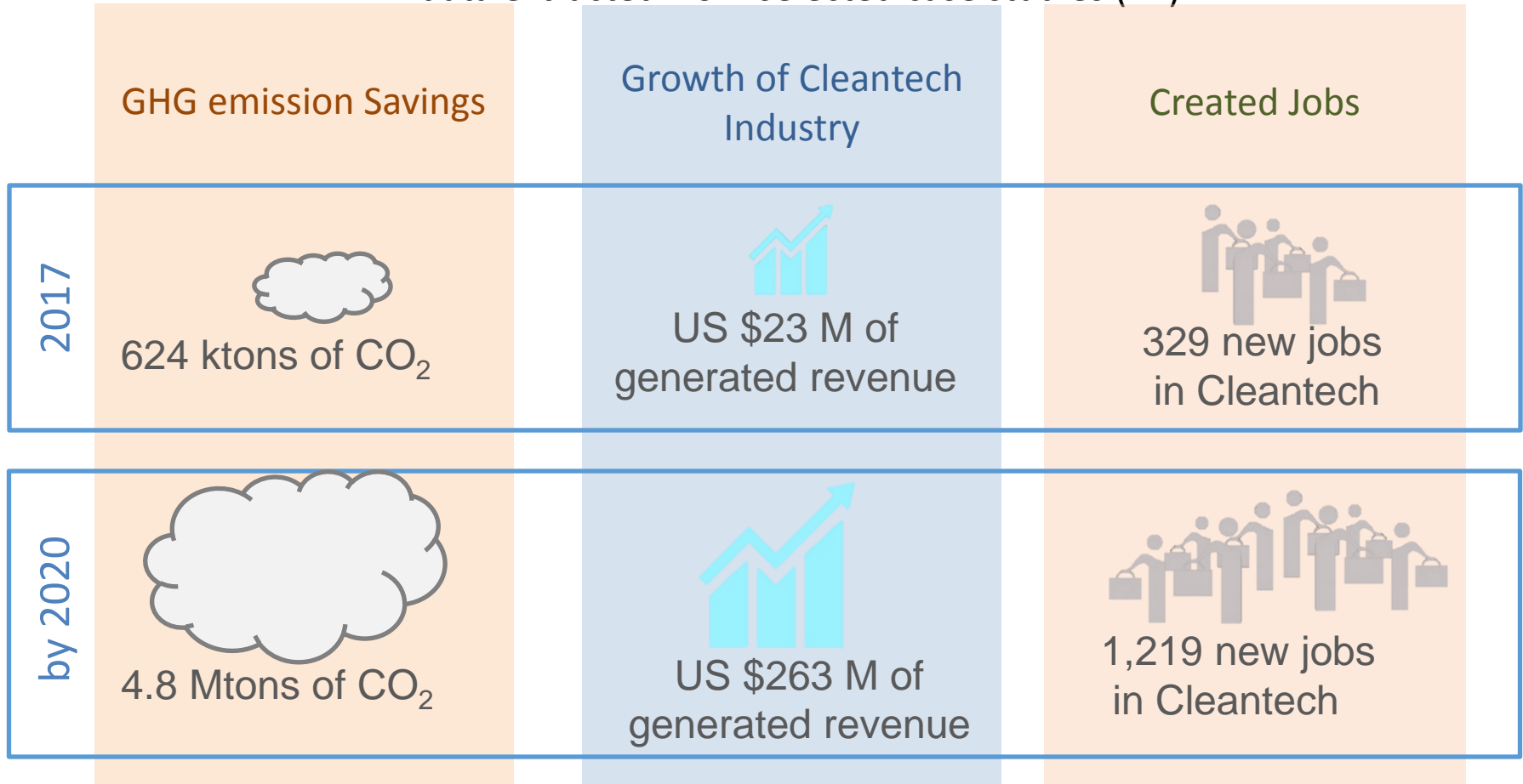




#	Category	Description	GCIP -country
1	Energy Efficiency	Energy Recovery for the automotive sector	South Africa
2	EE	Retrofitted diesel/natural gas fuel system	South Africa
3	Renewable Energy	Hybrid off-grid hot water solution based on solar PV with automatic generator back-up	South Africa
4	Waste-to-Energy	Biomass fired cook stoves run by palletized dry agriculture waste	Pakistan
5	Green building	Sustainable construction material	Pakistan
6	EE, Water services	Provision of clean and disinfected water	Pakistan
7	RE	Efficient solar powered water pump	Pakistan
8	EE	Highly dispersible silica, activated carbon	India
9	RE	Geothermal cooling system	India
10	RE	Solar based heating and cooling systems	India
11	RE	Photovoltaic and semiconductor devices	Armenia
12	Water efficiency	Biodegradable water absorbent applied in agriculture	Armenia
13	Waste-to-Energy	Charcoal produced from olive (prina) residues	Turkey
14	RE	Small scale wind turbines	Turkey

GCIP-IMPACT

data extracted from selected case studies (14)



GCIP Ukraine

- Project funded by Global Environment Facility (GEF)
- Approx. 1.5 MUS\$ + cofinancing
- Preparatory phase ongoing to
 - consult with key stakeholders
 - identify cofinancing sources
 - knowledge partners
- Actual project expected to start by end 2018



Vienna Energy Forum 2018

Theme: **SDG7**

- 14-15 May 2018 in Vienna International Centre and at Hofburg Palace
- Leveraging new partnerships for synergies



UNITED NATIONS
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Thank You

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