

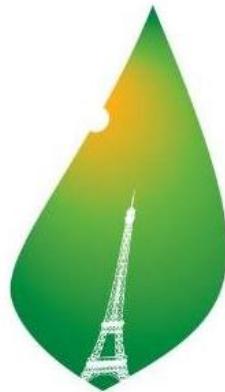


# UNIDO's contributions to tackle climate change : COP 22 outcomes and the way forward

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ACP House  
Brussels, Belgium  
March 2017

## From COP21 to COP23



**PARIS 2015**  
CONFÉRENCE DES NATIONS UNIES  
SUR LES CHANGEMENTS CLIMATIQUES  
**COP21·CMP11**



**MARRAKECH 2016**  
**COP22 | CMP12 | CMA1**  
UN CLIMATE CHANGE CONFERENCE



**Organized by Fiji**

**Adoption of the Paris  
Agreement**



**Rulebook for the implementation of  
the Paris Agreement**

# UNIDO's Mandate: Inclusive & Sustainable Industrial Development (ISID)

## Thematic Areas:



Creating shared prosperity



Advancing economic competitiveness



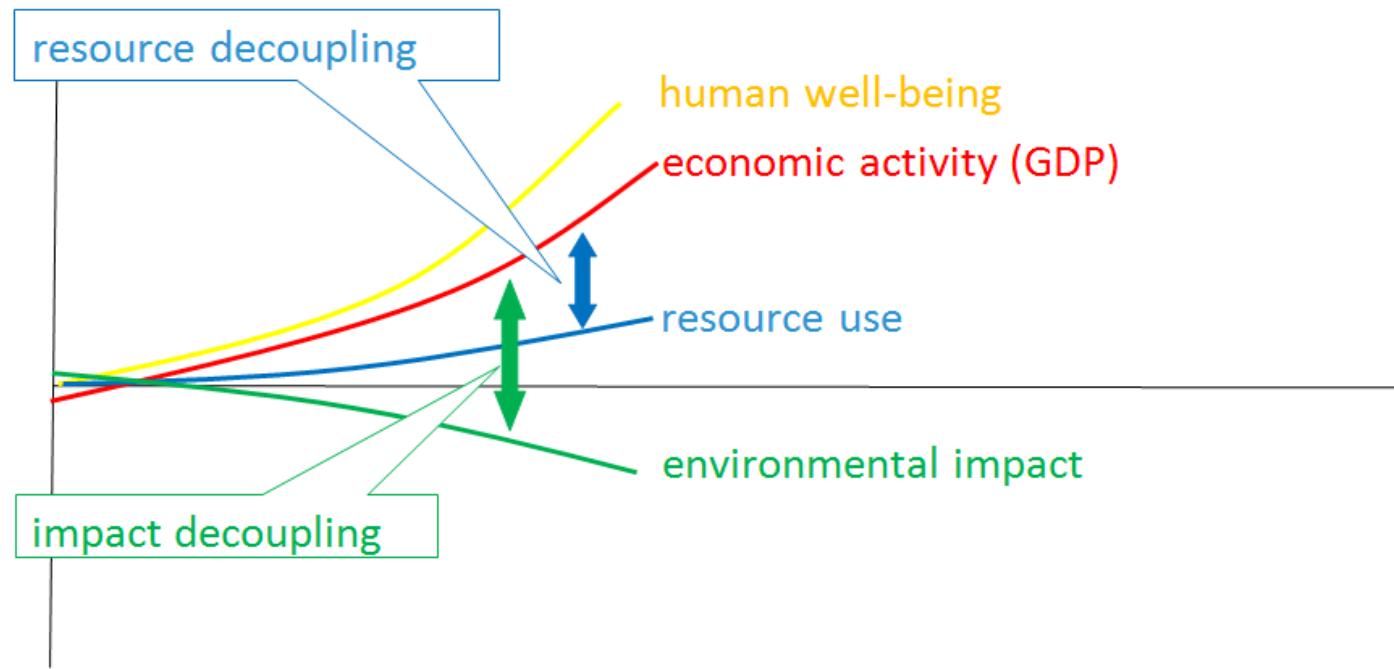
Safeguarding the environment



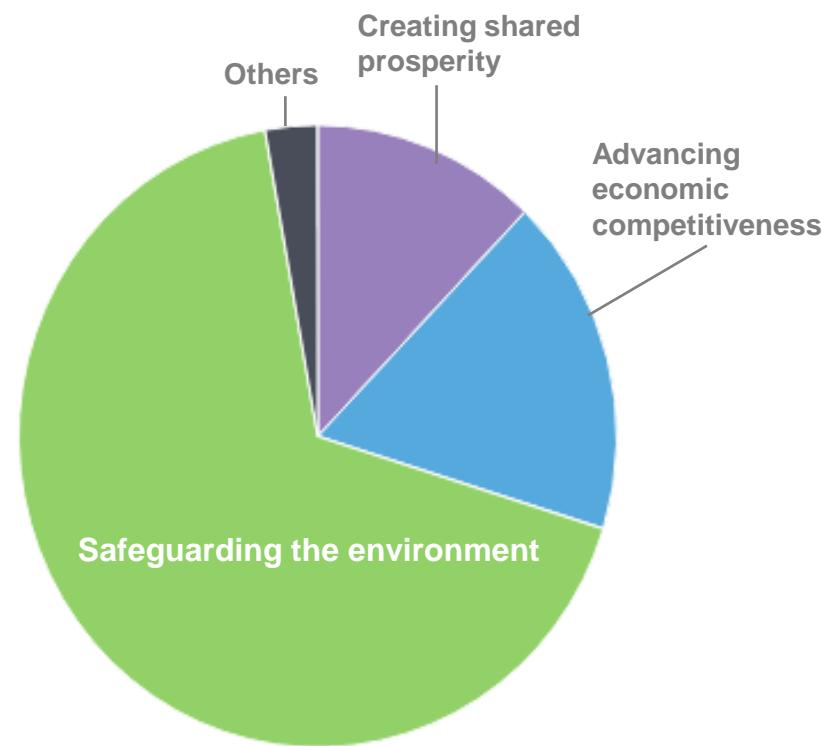
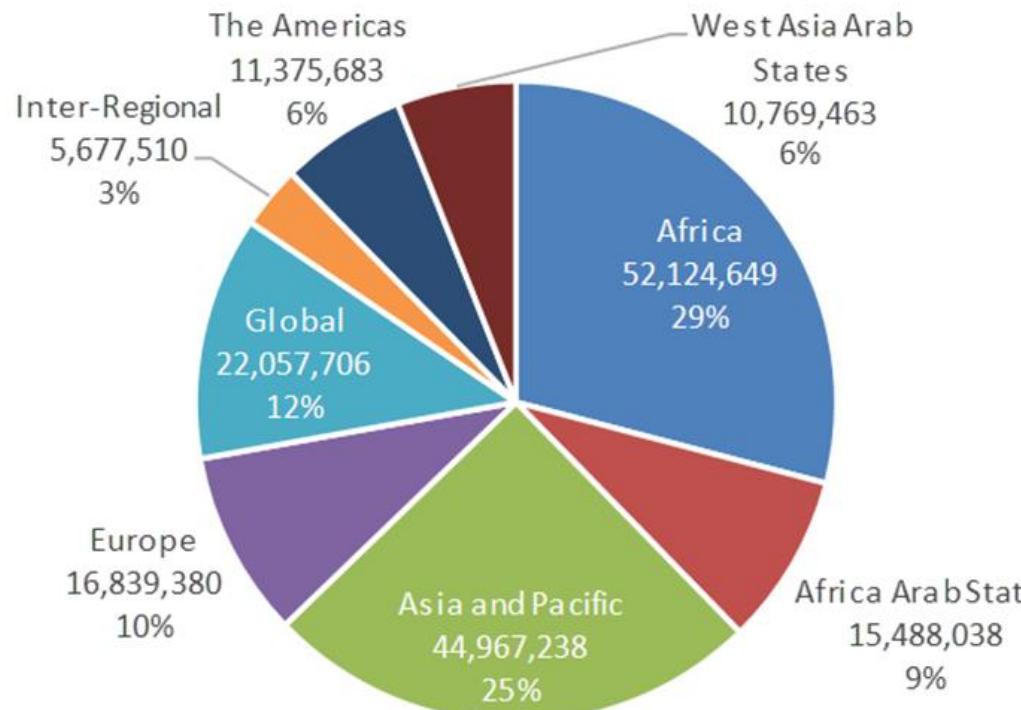
Achieving **equitable** & **sustainable** social, economic and environmental growth while mainstreaming women and youth.

# Inclusive and sustainable industrial development

- produce more with less
- economic progress with less environmental impact



# UNIDO's Global Technical Cooperation Portfolio



Technical cooperation per region and thematic area (2016)



# UNIDO's contributions to climate change



- Low-carbon technology transfer
- Clean technology innovation
- Innovative financing instruments
- Knowledge management and capacity building
- International and regional cooperation
- Multilateral environment-related agreements
- Integrated approaches

Our programmes and projects support all the focus areas of the [ACP Action Plan](#).

# Partnership with the EU and ACP

European Union



African Caribbean Pacific



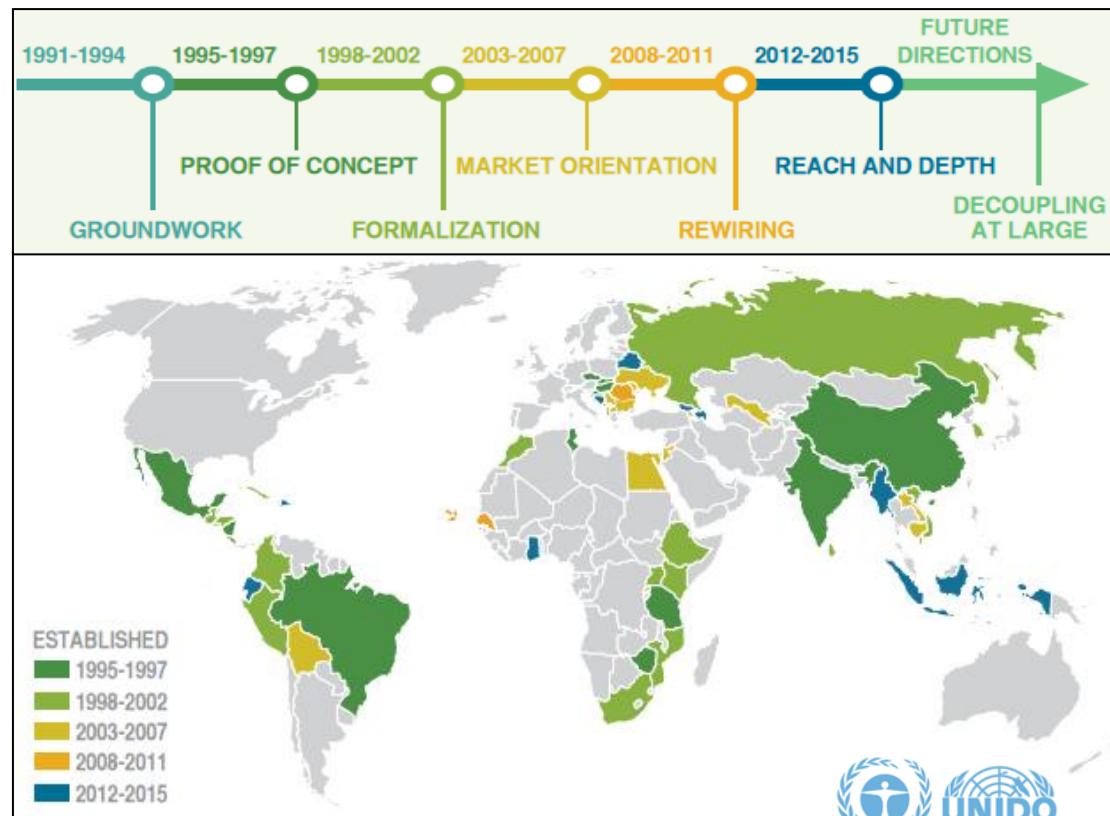
- Relationship Agreement (1993)
- Technical Assistance
- Industrial Cooperation
- Industrial Studies, Analysis
- Facts of cooperation (2006-16)
- More than €130 million
- More than 100 countries

- Relationship Agreement (2011)
- Support of inclusive industries, particularly agro-industries, for job creation & poverty reduction
- Strengthen competitive industries, the private sector and TCB
- Develop environmentally friendly industries for sustainable dev.



## Resource Efficient and Cleaner Production Centers (RECP): Knowledge management, capacity building and technology transfer

- Integrate **preventive environmental strategies** to processes, products and services to increase efficiency and reduce risks to humans and the environment
- Initiatives include: **eco-industrial parks, innovative chemicals management and low-carbon industrial development**





# Global Network For Resource Efficient And Cleaner Production(*RECPnet*): International and regional cooperation

- The network has over 70 providers to catalyze the widespread application RECP
- Specialized technical and advisory services and North-South, South-South and South-North-South collaboration, including the transfer of RECP-relevant knowledge, experiences and technologies
- It captures and disseminates best practices RECP information and knowledge



# Global Cleantech Innovation Programme (GCIP) for SMEs:

## Clean technology innovation and entrepreneurship



# Private Financing Advisory Network (PFAN): Innovative financing instruments

- Increased linkages with commercial banks
- Facilitates investment (hard cash) and provide soft support (training, awareness)
- Standardizes financing instrument for replication
- USD 1.2 billion raised



# Towards an ACP Network of Regional Sustainable Energy Centres: International and regional cooperation

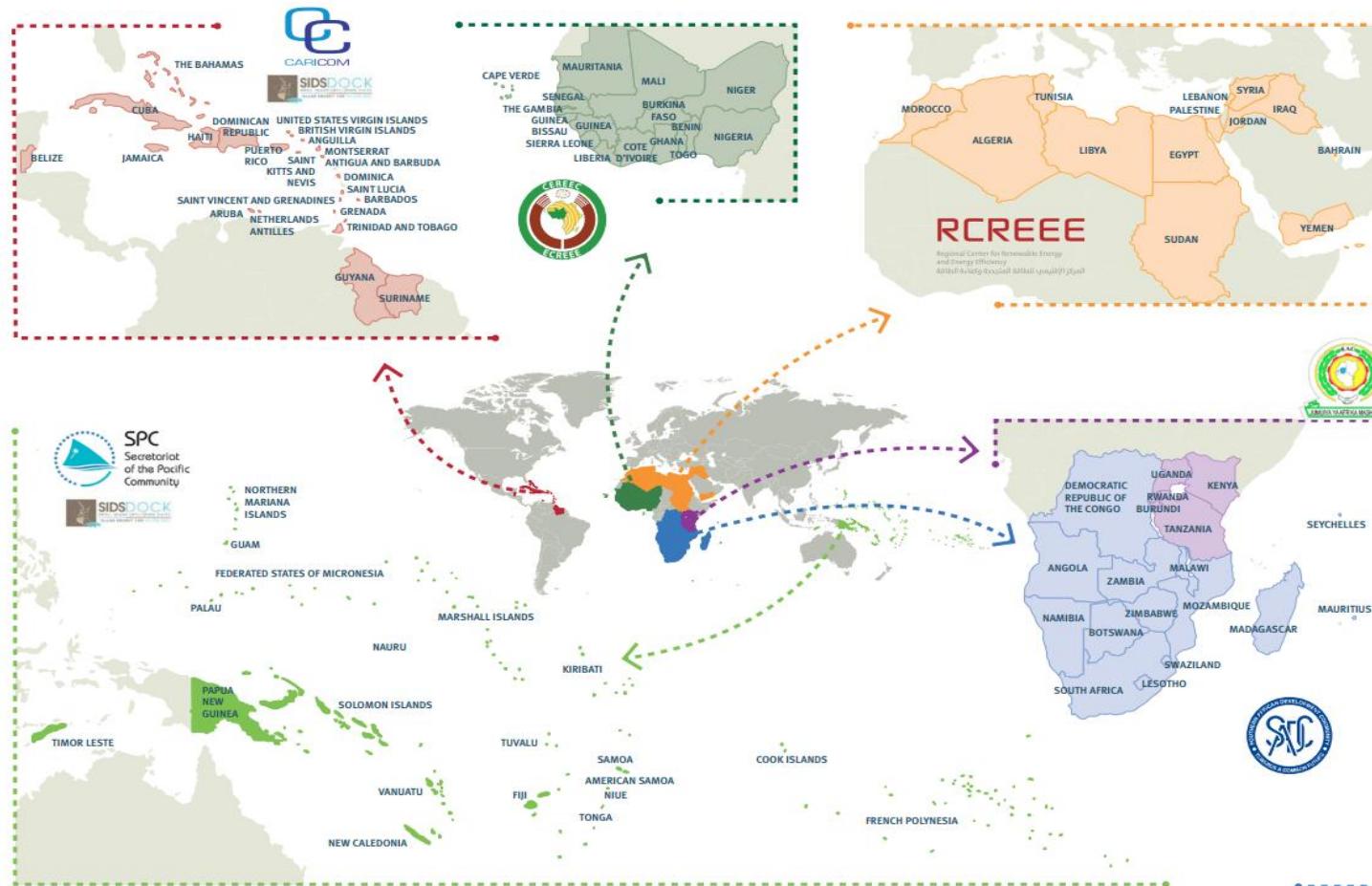


Accelerate and complement national efforts through regional interventions.

Austrian  
Development Cooperation



# Global Network of Regional Sustainable Energy Centres



- Tailored Policy Frameworks and Quality Standards
- Facilitate Capacity building
- Advocacy, Awareness Raising, KM and Networking
- Implementation of RE and EE projects

## Examples of UNIDO's Technical Cooperation in the field of Energy

### Promoting market based development of small to medium scale RE systems, Cabo Verde



- Business strategy for marketable RE solutions
- Comprehensive legal and regulatory frameworks
- Pilot installations: solar thermal in 2 hospitals, PV systems for ice production and water pumping, etc.
- RE/EE awareness raising campaign for primary schools

### Delivery of Renewable Energy Based Modern Services in Isla de la Juventud Cuba



- A large biomass gasifier plant (3.5 MW) for power generation
- Four gasifier applications (about 6 MW thermal) at four industrial sites for heat production
- Wind farm to produce 1.5 MW of electricity
- Revolving Fund for new projects

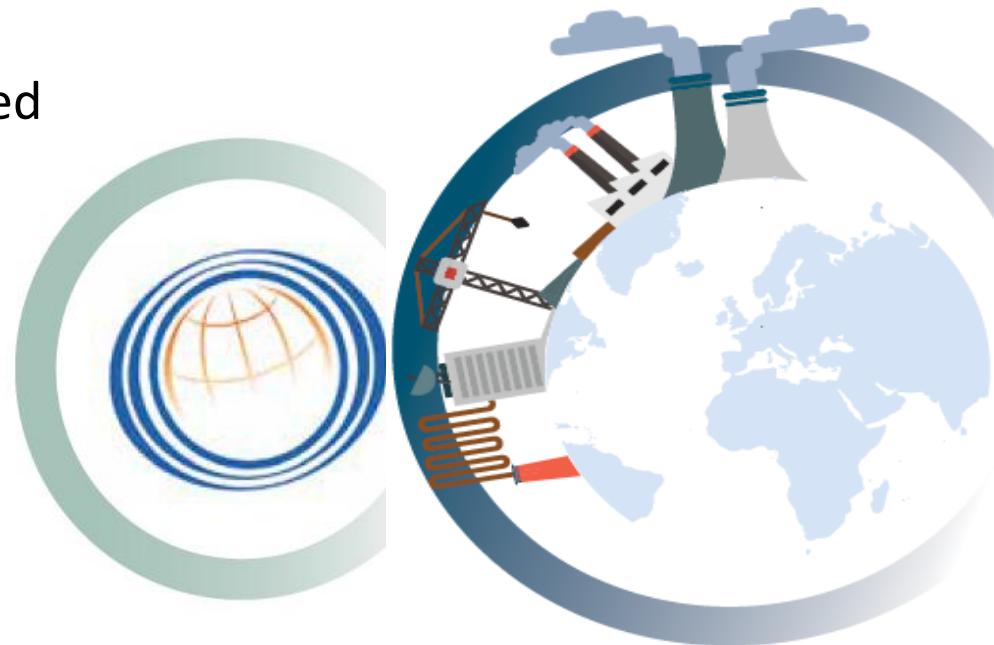
### Sustainable Energy in SIDS - Connecting to the grid, Grenada, Solomon islands, Samoa



- Solar-powered community centre for training, productive use and income generation
- Strategic Plan for utilities drafted and under implementation (together with PPA)
- Regional Assessment of RE and EE potential in Pacific Islands
- Training on financing Grenada

## Montreal Protocol: Multilateral environment-related agreements

- The MP phases out ozone depleting substances and phase in new ozone and climate friendly alternatives
- The MP is a significant force vs climate change as many ozone depleting substances also contribute to global warming
- In 2016 in Kigali, the Parties extended the MP include industrial climate gases (HFCs)
- Around 1,400 projects have been completed by UNIDO since 1992 phasing out 71,000 tons of ozone depleting substances per year



## Sustainable Cities Programme: Integrated approaches

- More than **half of the global population** today **live in cities**. By 2050, this is expected to increase to two-thirds.
- **Sustainable Cities** are vital to ensure people, the urban infrastructure and the local ecosystem do not suffer due to unsustainable urban growth.
- GEF's Sustainable Cities Integrated Approach Pilot (SC-IAP) support cities to address environmental degradation caused by rapid urbanization. UNIDO has projects in **Senegal, Malaysia, Cote d'Ivoire, China and India**.



### Thematic streams:

- Climate resilient industries
- Climate smart city service delivery
- Value chain development
- Sustainable transport



## Climate Technology Centre and Network (CTCN): Low-carbon technology transfer

- Operative arm of the UNFCCC Technology Mechanism
- CTCN is hosted by UNEP and UNIDO
- Aims to enhance the **development and transfer of technologies** to developing countries
  - Affiliated networks
  - 11 independent, regional and global consortium partner organizations with expertise in climate change technologies
  - International network of 100+ academic, multilateral, NGO and private sector institutions
  - Strategic Partners



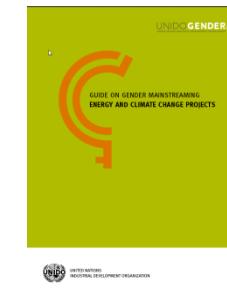


## UNIDO and gender mainstreaming

Women are more vulnerable than men to climate change, pollution and resource scarcity

UNIDO supports women empowerment through:

- Mainstreams gender in all its core programmes and activities (i.e. Cleantech, GIP)
- Targeted projects - Empowering women beer brewers using energy efficient stoves in Burkina Faso
- Policy and guidelines
  - UNIDO's Policy on Gender Equality and the Empowerment of Women
  - Guide on Gender Mainstreaming on Energy and Climate Change Projects



SUSTAINABLE ENERGY FOR ALL:  
the gender dimensions



## ACP – UNIDO Cooperation for Climate Action

### Potential areas for continued and future cooperation:



- Programmatic approaches for technology transfer and innovation (CTCN, Cleantech, Sustainable Cities Programme, LCET, RECP)
- International and Regional cooperation (Regional Centres for Policy, RECPnet)
- Knowledge Management and Capacity Building (Regional Centres as Hubs for SE4ALL, Nexus Issues and Climate Action)
- Public Private Partnerships (PFAN, REEP, Sustainable cities, Financing, Jobs and Economic Development)
- Multilateral environmental related agreements (Montreal Protocol, Stockholm and Minamata Convention)



# Thank you for your attention!

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