Green Industry

industrial development for low carbon, resource efficient and green growth

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- UNIDO’s organization-wide strategic priority that focuses on the pivotal role of manufacturing and related sectors for achieving sustainable industrial development
  
  - As development and poverty alleviation are driven by sustained, accelerated growth of manufacturing and related sectors, there cannot be sustainable development without sustainable industrial development.
2009 Manila Green Industry Conference

- Joint launch by UNIDO, ESCAP, UNEP and ILO
- Manila Declaration
  - Non-binding declaration that maps out Government commitments to low carbon future
    - Endorsed by 21 Asian Countries
      - Afghanistan, Bangladesh, Bhutan, Cambodia, India, Indonesia, Iran, Lao PDR, Malaysia, Maldives, Mongolia, Myanmar, Nepal, Pakistan, Philippines, PR of China, Rep of Korea, Sri Lanka, Thailand, Timor-Este and Vietnam
  - Linked with framework for action
    - National Government leadership
      - Cooperative action with business and R&D sectors, policy integration, communications and capacity building
    - Support from UN agencies – UNIDO, ESCAP, UNEP and ILO

Green Industry

- Greening of Industry
  - Continuous improvement of resource productivity and environmental performance of industries in all sectors
    - Cleaner Production
    - Energy Efficiency
    - Chemicals Management
    - Etc.

- (Creating) Green Industries
  - Industrial supply of environmental goods and services
    - Waste management
    - Resource recovery
    - Renewable energy
    - Etc.
Green Industry


UNIDO Green Industry Themes

Enabling Green Industry Framework

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Greening of Industries

- Resource Productivity (materials, water & energy)
- Pollution Prevention (waste & emissions)
- Responsible Chemicals’ Solutions

Creating Green Industries

- Renewable and Efficient Energy
- Materials Recovery (3Rs)
- Environmental Services
- Pollution Control (POPs, E-waste)
Green Industry Policy Framework

- Policy options and practice measures for:
  - An integrated framework to support greening of industries
  - Creating an enabling environment
  - Industry-led initiatives
  - Harnessing environmental technologies
  - Instrument mixes to promote the greening of industries

RECIPe

- Resource Efficient and Cleaner Production
  - Continuous application of preventive environmental strategies to processes, products and services to increase efficiency and reduce risks to humans and the environment

- RECP addresses three sustainability dimensions individually and synergistically:
  - Production efficiency
    - Through improved productive use of natural resources by enterprises
  - Environmental management
    - Through minimization of the impact on nature by enterprises
  - Human development
    - Through reduction of risks to people and communities from enterprises and supporting their development
Programme Objective

To improve resource productivity and environmental performance of businesses and other organizations and thereby contribute to sustainable industrial development and sustainable production and consumption.

Overarching Outcome

RECP concepts, methods, practices and policies widely implemented by businesses, governments, business services and finance providers and other stakeholders in particular in the participating countries.

Programme Modules

1. RECP Service Delivery Network
   - 1.1 Global RECP Network
   - 1.2 New NCPCs
   - 1.3 Existing NCPCs

2. Thematic RECP Applications
   - 2.1 RECP for Resource Efficiency
   - 2.2 RECP for Waste & Emission Prevention
   - 2.3 RECP for Safe & Responsible Production

3. RECP Incentives
   - 3.1 Policy for RECP
   - 3.2 Finance for RECP

4. RECP Innovation
   - 4.1 Environmentally Sound Technologies
   - 4.2 Sustainable Product Developments
RECPnet

- Not-for-profit initiative to bundle and utilize existing capacities of NCPCs and RECP service providers
  - Charter and supportive by-laws on membership and code of conduct developed and agreed upon

Objectives
- Enable and contribute to effective RECP promotion and implementation
- Foster North-South and South-South collaboration and transfer of methods, policies and technologies

Functions
- Innovation and knowledge management
  - Operational in Latin America (CPlatinet) and being established for Arab region
- Capacity building
  - Primer on Organization, Management and Governance
  - Primer on Enterprise Level Indicators
- Advocacy
- Quality control and branding

- Became operational on 3rd November 2010 with initial membership of 41 organizations
- First Members’ Assembly took place on 19th October 2011 in Nairobi

Knowledge Management System

Electronic platform for knowledge capture and promotion of best practices

Accessible from three perspectives: country, topic and sector

Structured at three levels: community (blogs); e-library and living documents (wikipedia)
Other UNIDO linkages

- Corporate Social Responsibility
  - REAP, ISO2600
- Industrial Energy Efficiency
  - Systems optimization and ISO50000
- Renewable energy for productive uses
- Pollution hot spots
  - EST transfer programme
- Chemicals
  - BET/BAP for non intentional POPs
  - Non-combustion PCBs/POPs
  - ODS phase out
- Value Chain Development
  - Agri-business – link to low carbon industry
  - Creative industries
  - Supplier development initiatives

Thank You

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Tokyo Green Industry Conference 2011
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www.greenindustrytokyo.org