


Joint UNIDO-UNEP Programme on Cleaner and Resource Efficient Production



Environmental Management Branch (UNIDO)
and
Sustainable Consumption and Production Branch
(UNEP)

Joint UNIDO-UNEP Programme on CREP: *Promoting progress towards sustainable industrial systems* 1



National Cleaner Production Centres

- Established to foster the uptake of CP concepts, methods, practices and policies in developing and transition economies
 - Five common service areas
 - Awareness building and information dissemination
 - Professional training
 - In plant assessments/technical assistance
 - Policy advice
 - Transfer of Environmentally Sound Technologies
 - Supported on country by country basis for a minimum of three years
 - Switzerland and Austria are current principal donors
 - Participate in global network and contribute to multi-country projects, e.g. on energy efficiency, ecodesign



Joint UNIDO-UNEP Programme on CREP: *Promoting progress towards sustainable industrial systems* 2

● ● ● | Network 2007

NATIONAL CLEANER PRODUCTION CENTRES AND PROGRAMMES

Cleaner Enterprises Are More Competitive Enterprises

UNIDO
UNEP

Members of the UNIDO Regional CP Network for Latin America and the Caribbean*

* The UNIDO Regional CP Network for Latin America and the Caribbean includes UNIDO and UNEP/WHO Regional Offices and Programmes.

● ● ● | Background

- Cleaner Production (CP) was endorsed in 1991 as a key strategy to prevent the generation of pollution and thereby decouple economic growth from environmental pressure
- The Cleaner Production Unit of UNIDO and the Business and Industry Unit of UNEP are the principal focal points for CP in the UN System
- The joint UNIDO-UNEP Programme of National Cleaner Production Centres was launched in 1994 as a follow-up to the Rio Conference and Declaration

UNIDO
UNEP

4

Joint UNIDO-UNEP Programme on CREP: Promoting progress towards sustainable industrial systems



Results of CP Programme/1

- Establishment and operation of 37 National Cleaner Production Centres and Programmes worldwide, which offer the following basic services:
 - CP awareness raising and information dissemination
 - training for specific target groups
 - technical assistance at plant level
 - CP policy advice
 - EST development and transfer
 - promotion of CP investment and business cooperation
- Establishment of a Regional Cleaner Production Programme in Latin America, with 12 participating countries and development of an Internet-based Knowledge Management System
 - Bolivia, Brazil, Colombia, Costa Rica, Cuba, Ecuador, El Salvador, Guatemala, Honduras, Mexico, Nicaragua, Peru



5

Joint UNIDO-UNEP Programme on CREP: *Promoting progress towards sustainable industrial systems*



Results of CP Programme/2

- Development of a UNIDO CP training toolkit and UNIDO endorsed CP award for consultants, trainers and companies
- Development of technical tools and delivery of training to NCPCs by UNEP on CP and Energy Efficiency, CP and MEA implementation and Design for Environment/Sustainability (D4E/D4S)
- Inclusion of activities related to UNIDO's Sustainable Chemicals Management and Chemical Leasing in the portfolio of several Cleaner Production Centres
- Facilitation of regional and national roundtables on cleaner production/sustainable consumption and production



6

Joint UNIDO-UNEP Programme on CREP: *Promoting progress towards sustainable industrial systems*



Joint Strategic Programme

- Implementation of Joint Programme will be guided by the UN-wide principles of Delivering as One, so that CP interventions of the two UN focal agencies are coordinated
- It develops the modalities of cooperation between UNIDO and UNEP in the area of Cleaner Production, as stated in the Letter of Agreement signed on 21 May 2007
- The programme is in line with **UNIDO's Green Industries' Initiative** and UNEP's thematic priority on **Resource Efficiency/Sustainable Consumption and Production**



7

Joint UNIDO-UNEP Programme on CREP: *Promoting progress towards sustainable industrial systems*




Cleaner and Resource Efficient Production

- Continuous application of an integrated preventive environmental strategy to processes, products and service to increase efficiency and reduce risks to humans and environment
 - It specifically works to advance:
 - *Production efficiency* through improved productive use of natural resources by enterprises
 - *Environmental conservation* through minimisation of the impact on nature by enterprises
 - *Human development* through reduction of risks to people and communities from enterprises and supporting their development





8

Joint UNIDO-UNEP Programme on CREP: *Promoting progress towards sustainable industrial systems*




Programme Components

- Institutional Development and Learning of CPCs
 - Networking of NCPCs and other CP service providers
 - Establishment of new NCPCs
 - Upscaling through existing CPCs
- Thematic Programmes on CREP applications
 - For resource efficiency (energy, water, materials)
 - For waste/pollution prevention
 - For corporate responsibility
- Creating Incentives
 - Mainstreaming CP in policy and enterprise finance
- Improving Technical Capacities
 - Adaptation and replication of ESTs and sustainable product development



9

Joint UNIDO-UNEP Programme on CREP: *Promoting progress towards sustainable industrial systems*



Thematic Programmes

- Multi-country initiatives that mainstream CP for specific applications for:
 - Resource Efficiency
 - Energy, water and materials
 - Waste/Emission Prevention
 - Including sound management of chemicals
 - Corporate Responsibility
 - Implemented by qualifying members of the network, on a competitive basis

10

Joint UNIDO-UNEP Programme on CREP: *Promoting progress towards sustainable industrial systems*

● ● ● Creating Incentives

- Mainstreaming CREP in government policy and enterprise finance
 - Flexible framework of possible policy and financial instruments for CREP based on review of best practices and gaps identified
 - Pilot flexible guidelines in selected countries
 - Develop and implement complimentary projects to create and evaluate specific financial and policy instruments
 - Parallel and integrated initiatives for policy and/or enterprise finance



11

Joint UNIDO-UNEP Programme on CREP: *Promoting progress towards sustainable industrial systems*

● ● ● Indicative Budget

- Total budget (5 yrs): ~ 60 million Euros
 - ~ 45% country specific to 'new' NCPCs
 - ~ 30% thematic programmes
 - ~ 15% upscaling, mainstreaming and networking
 - ~ 10% programme management
- Target contributions
 - ~ 70% donors
 - ~ 25% national contributions (incl. cost recovery)
 - ~ 5 % UNIDO/UNEP



12

Joint UNIDO-UNEP Programme on CREP: *Promoting progress towards sustainable industrial systems*

● ● ● | Thank You



Cleaner and Sustainable
Production Unit
Environmental Management
Branch

Business and Industry
Unit
Sustainable Consumption and
Production Branch



PO Box 300,
A 1400 Vienna, Austria
R.VanBerkel@unido.org
www.unido.org/cp

15, rue de Milan,
75009, Paris, France
Desta.Mebratu@unep.fr
www.unep.fr/scp

13

Joint UNIDO-UNEP Programme on CREP: *Promoting progress towards sustainable industrial systems*