



**Report on  
platform activity by**

**Gujarat Cleaner Production Centre-ENVIS Centre  
during arrival of Science Express at Gandhinagar (Gujarat)**

**Prepared by**



**Gujarat Cleaner Production Centre**

ENVIS Centre on: Cleaner Production & Clean Technology

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**scienceexpress**  
**Climate Action Special**

Gujarat Cleaner Production Centre (GCPC) has been established by Department of Industries and Mines, Government of Gujarat with technical support of United Nations Industrial Development Organization (UNIDO) to solve environmental problems faced by SMEs at GIDC Industrial Estate. GCPC had played active role in framing Gujarat Industrial Policy 2004, 2009 and 2015 and supported in developing many schemes pertaining to Cleaner Production and Clean Technology. GCPC is regular member of RECP net – The Global Network on Resource Efficient and Cleaner Production of UNIDO and CTCN – Climate Technology Centre and Network, a working arm of UNFCCC. GCPC have so far conducted more than 200 orientation programmes in different colleges, organizations and industries associations. The centre has successfully completed more than 100 demonstration projects in various sectors like Textile, Dairy, Pulp and Paper, Chemical, Petrochemical, Pharmaceutical, Fish Processing etc. and documented successful implementation of Cleaner Production in these sectors.

GCPC acts as an ENVIS Centre (Environmental Information System) of Ministry of Environment, Forest and Climate Change, Government of India since 2005, with objective to disseminate and promote the theme of Cleaner Production and Clean Technology conducting orientation and training programmes, Dissemination programmes and CP assessment projects to achieve sustainable development. GCPC started its activities under ENVIS as a node in the year 2003.

Gujarat Cleaner Production Centre – ENVIS Centre on Cleaner Production and Clean Technology engaged in promoting the concept of cleaner production and clean technology to industrial technocrats, students and academicians, children and housewives with objective to promote the sustainable development and green environment.

With objective to disseminate the concept of Cleaner Production and Clean Technology and environmental conservation to students which is future of our country. GCPC-ENVIS actively participated and presented the concept of cleaner production including the activities of ENVIS Centre during arrival of “**Science Express**” – Climate Action Special at Gandhinagar Railway Station, from 5<sup>th</sup> to 7<sup>th</sup> May, 2016.

We are feeling proud to say that, more than “**One Thousand**” visitors visited our stall from 5-7, May, 2016.

Our team members from ENVIS Dr. Bharat Jain, Member Secretary, GCPC and Coordinator, ENVIS, Mr. P.R. Rathod, Programme Officer, Ms. Priyanka Joshi, Information Officer, Mr. Heer Desai, Project Assistant, GCPC-ENVIS and Ms. Divya Prajapati, I.T. Assistant, participated and presented the concept of Cleaner Production and Clean Technology including the concepts, features, activities and achievements of GCPC-ENVIS Centre.

Ms. Priyanka Joshi, Information Officer and Mr. Heer Desai, Project Assistant disseminated the concept of cleaner production to students, academicians, researchers, government officials and technocrats through poster presentation and by presenting and distributing the publications published by ENVIS Centre which includes:

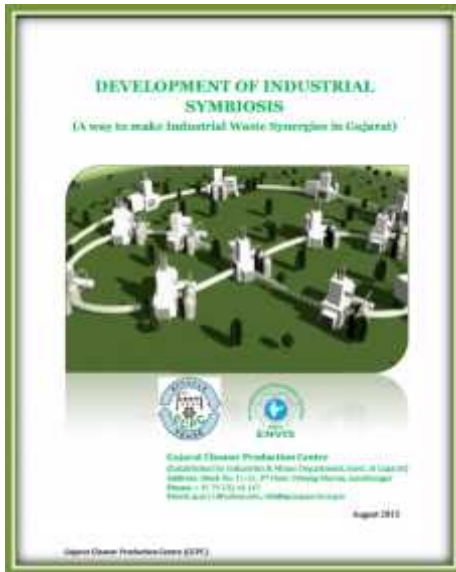
1. Guidelines on Cleaner Production in major polluting sectors such as:
  - Pulp & Paper
  - Pesticide
  - Dyes and Dye Intermediates
  - Petrochemical
  - Pharmaceutical etc.

2. Success Stories on Cleaner Production Implementation in different sectors and industries.
3. Posters on different subjects:
  - Industrial Symbiosis
  - Cleaner Production in Office
  - Best Available Techniques in Textile
  - Process Identification
  - Eco-Innovation
  - Cleaner Production in Common Effluent Treatment Plant
4. Quarterly published newsletters
5. Bibliographies
6. Books:
  - Cleaner Production and its implementation in Industries
  - Dairy Sector
  - Dyes and Dye Intermediates Sector
  - Brochure on introduction to the concept of ENVIS including the features of GCPC-ENVIS Website and activities of GCPC-ENVIS
  - Abstracts: Integration of Research to Industrial Application

GCPC-ENVIS team interacted with each individual visited to our stall and explained the importance and benefits of cleaner production including features of our ENVIS website and the activities of GCPC as an ENVIS Centre.

We are thankful to Department of Science and Technology, Ministry of Environment, Forest and Climate Change (MoEFCC), and Ministry of Railway, Government of India for taking a huge initiative by creating awareness towards combating climate change and environment conservation through joint efforts. We are also thankful to MoEFCC for giving us opportunity to participate and by providing us huge platform to disseminate the concept of CP/CT.

## Books



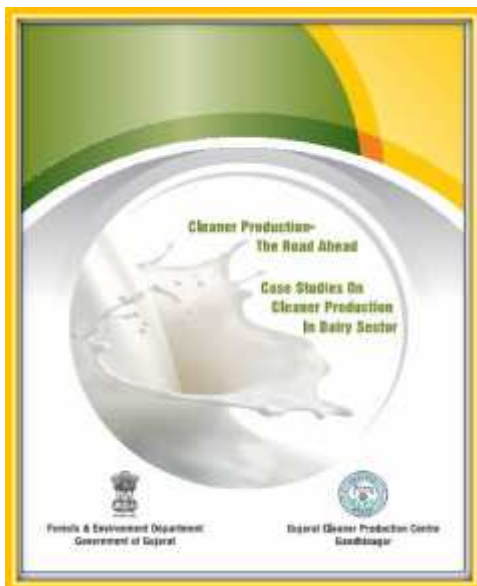
Industrial Symbiosis



Abstracts



Eco-Innovation



CP in Dairy



Textile Bibliography



## Posters



Eco - Innovation

**CLEANER PRODUCTION IN OFFICE**

Cleaner Production means applying a strategy to each business to make the most efficient use of resources and bring the most quality, safety, energy, time and money while preventing pollution and conserving your capital in the investment. A 'Waste Audit' is a key to quality. But this is saving resources - time and money.

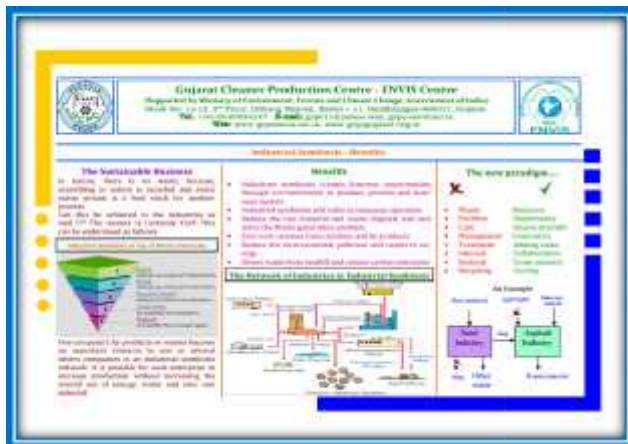
- Reduce your water usage
- Make your printer green
- Look for products or components on both sides
- Encourage employees to keep reusable cups, bottles, and containers at their desks
- Encourage employees to take public transportation by offering convenient tickets or passes
- Allow second-hand items to be purchased with legal state bond certificates rather than recycling funds
- Regularly check office supplies orders and track maintenance of tools
- Use federal resources that highlight:
  - The Federal resource that highlight:
    - Use recycled materials
    - Avoid latex printing
    - Use energy-efficient
    - Turn off computers when not in use
    - Buy energy star labeled products
    - Use both sides of paper
    - Buy energy star energy-efficient
    - Turn off computers before leaving

**BENEFITS TO OFFICE WITH CLEANER PRODUCTION IMPLEMENTATION**

- Reducing Costs
- Minimizing Waste
- Utilization of resources such as water, electricity and low materials
- Improving staff morale
- Creating Green Jobs
- Reducing Environmental Impact

**GLOBAL CLEANER PRODUCTION CENTRE**  
 ENVIS CENTRE FOR CLEANER PRODUCTION TECHNOLOGY  
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CP in Office



Industrial Symbiosis

## Newsletters

**ENR - INDUSTRY**

September 2012

**EDITORIAL**

Industrial Pollution is highly discussed topic around the world and proper waste disposal from Corporate Addressed Industrial Pollution is a big concern in current industrial scenario which leads to land and water pollution. In this issue the pollution issues have their technologies have come up. 'Water Hiding', 'The steel covers the concept of Water Hiding Technology used to overcome CERP (Water removal problem). We have also included Environmental News, Events and Best Product as a part of our regular features.

**CONTENTS...**

- Columns of World Green Day 2012
- Case Study: Water Hiding of Biological Sludge of CERP
- Environmental News
- Events
- Best Product
- Best Practice

**ENVIS - GCPC**

ENVIS CENTRE FOR  
**CLEANER PRODUCTION & TECHNOLOGY**

Supported by Ministry of Environment, Forest & Climate Change, Govt. of India



Ms. Priyanka Joshi, Information Officer, ENVIS and Mr. Heer Desai, Project Assistant, GCPC-ENVIS disseminating the concept of Cleaner Production, Waste Minimization and Environmental Conservation to students during arrival of Science Express at Gandhinagar Railway Station from 5-7 May,2016

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Ms. Divya Prajapati, I.T. Assistant, ENVIS discussing the role of Information Technology in ENVIS with students



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ENVIS Centre on: Cleaner Production & Clean Technology  
Supported by: Ministry of Environment, Forest and Climate Change



**“Cleaner Production is a Journey, not a Destination”**



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