Welcome to China NCPC!
I. General Information of CNCPC
I. General Information of CNCPC

Development

- **1994** → CNCPC (Established by MEP)
- **1995-1998** → CNCPC (Supported by UNEP and UNIDO)
- **1998~** → CNCPC (Financial independent)
I. General Information of CNCPC

China National Cleaner Production Center:

Has been and kept to be the LEADER of CP in
- Creating and innovating CP assessment methodology and technical supporting system
- Policy advising to the national and local government
- Innovating CP technologies and techniques
- Capacity building
Organization Structure:

1）CP Policy and Regulatory Research Department
2）CP Capacity Building Department
3）CPA Department
4）CP Technology Research and Development Department
5）CP Consulting Service Department
6）International Cooperation Department
7）Secretary Office
I. General Information of CNCPC

Staffs:
In total: 30

Education:
- PhD: 5
- Master: 22
- Bachelor: 3

Professional title:
- Research fellow: 2
- Associate research fellow: 4
- Engineer and following: 24

Major:
- Environmental Engineering
- Environmental Science
- Ecology
- Pollution Control
- Cleaner Production
- Chemical Engineering etc.
CNCPC Family
II. What China NCPC has done
Design of China NCPC

Capacity Building
CP Audit
Technology R&D
Policy Research

China National Cleaner Production Center
## II. What China NCPC has done

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<td>1.</td>
<td>Innovated CPA methodology and established the technical supporting system for CPA</td>
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<td>2.</td>
<td>Provided technical and policy advise to governmental bodies</td>
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<td>3.</td>
<td>Initiated and Enhanced CP capacity building</td>
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<td>4.</td>
<td>Carried out CP assessments at enterprises level</td>
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<td>5.</td>
<td>Conducted CP technology R&amp;D</td>
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<td>6.</td>
<td>Implemented international cooperation projects</td>
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<td>Undertook National Key Projects</td>
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1. CPA methodology and technical supporting system

1.1 Created and improved the CPA methodology for China

- A 7-phase CP Assessment Procedure developed with 35 steps
- Widely adopted in China as the only uniformed CPA procedures for nearly 20 years
- A CP Manual was developed with the innovated CPA Procedure as the only guidebook for CPA in China
1. CPA methodology and technical supporting system

1.2 Developed the technical supporting system for CPA

- **Sector-based CP guidelines**
  - Developed the framework for CP guidelines
  - Developed the first 4 CP guidelines for Pulp and Paper, Silk Dyeing, Brewery and Raw Chemical Materials
  - Based on the framework, dozens of CP guidelines have been developed

- **Sector-based CP standards**
  - Innovatively designed the framework for sector-based CP standards with 6 categories of indicators in 3 levels.
  - 58 CP standards have been developed based on the framework.
1. CPA methodology and technical supporting system
2. CP Technical and Policy Advise to the Government

- Deeply involved in drafting and revising CP Promotion Law
- Providing CP technical and policy advise to national and local governmental bodies.
  - Ministry of Environmental Protection (MEP)
  - National Development and Reform Commission (NDRC)
  - Ministry of Industry and Information Technology (MIIT)
  - Provincial governments, like Ningxia and Guangxi
3. CP Capacity Building

Started from 1995, more nearly 30,000 being trained.

CP training system

- CP training in China
  - Training Course of National CP Auditor
  - Senior Training Course of National CP Auditor
- International CP training
  - CP training workshops for officials
4. CPA and CP Technology R&D

4.1 Take the lead in the development of CPA in China

- 1993, Promote CP in China (B-4)
  1) Carried out the demonstration projects of CP in 27 enterprises
  2) Trained the first batch auditors
  3) Introduced the CP concept from abroad

- Guide the first batch CP demonstration projects for the local provinces and cities

- Guide the first batch CP demonstration projects for industry association
CPAs has been carried out in more than 200 enterprises in various industrial sectors, including power generation, food, chemical industry, pulp & paper, heavy metal like manganese, textile, building materials……
Old Pressure Filter
4 × 350m² Demonstration Project in Dongfang
Demonstration Project

Hydraulic-Pressing Machine

Moulding Machine for Standard Bricks

Steam-Cured Bricks Discharge
5. International Cooperation

1993-1995, World Bank B-4 Subproject: Promoting CP in China

1995-1998, UNIDO-UNEP “Establishing NCPC in Development Countries”

1995-2008, more than 20 international cooperation projects (UNEP:CP-EE, Sino-Dutch project: Implementation of CP in 4 industries in Anhui province and Yunnan province, etc.)

2010, UNIDO-UNEP: Resource Efficient and Cleaner Production (RECP) in developing and transition countries

2011-2012, UNEP: Responsible Production And Pre-SME (Promoting Resource Efficiency in SMEs)