



The Latest Policies for Chemical Environmental Management in China

**Department of Pollution Prevention and Control,
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I. “The ‘12th Five-Year Plan’ for Prevention and Control of Chemical Environmental Risks”

II. “Measures on the Environmental Management Registration of Hazardous Chemicals (Trial)”

III. “Inventory of Existing Chemical Substances in China” (2013)



I. “The ‘12th Five-Year Plan’ for Prevention and Control of Chemical Environmental Risks”

(I) Existing Disadvantages



(II) Guiding Ideologies, Principles and Targets



(III) Main Tasks

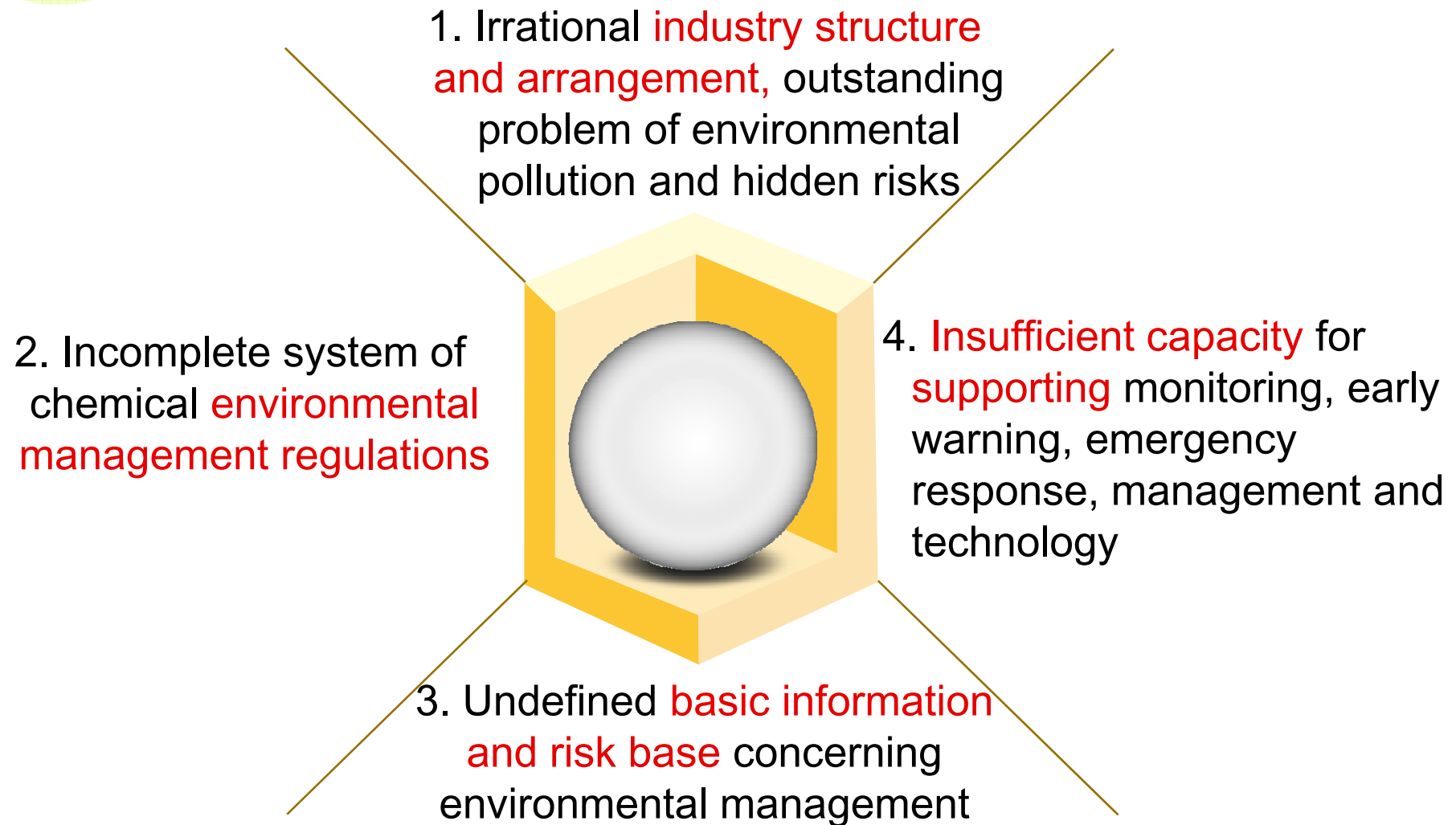


(IV) Key Projects





(I) Existing Disadvantages





Three Types of Risks to be Targeted at

- **Health and Environmental risks** caused by toxic and hazardous chemicals;
- **Risk of environmental accidents** caused by hazardous chemicals
- **Regional deterioration of environmental quality** caused by release of typical pollutants from chemical-related industries



(II) Guiding Ideologies, Principles and Targets

Guiding Ideologies

Under the guidance of the scientific development outlook targeted at fulfilling the main task of environmental risk prevention and control as defined by the “12th Five-Year Plan”, the general principle of proactive prevention and control should be followed for strengthening the system construction of whole-process prevention and control of chemical environmental risks and enhancing the capacity of chemical environmental management and risk control, with the focus on chemical control and typical pollutants release, the improvement of early warning and emergency response and the strict implementation of responsibilities, so as to effectively contain the situation of frequent occurrence of chemical environmental pollution and environmental accidents and establish a sound basis for all-round progress of chemical environmental management and risk control, gradually realizing the transition of chemical environmental management from the single measure to comprehensive prevention and control, from passive response to proactive prevention and control, as well as from disorganized management to systematic management, all of which is aimed at the guarantee of human health and environmental safety.



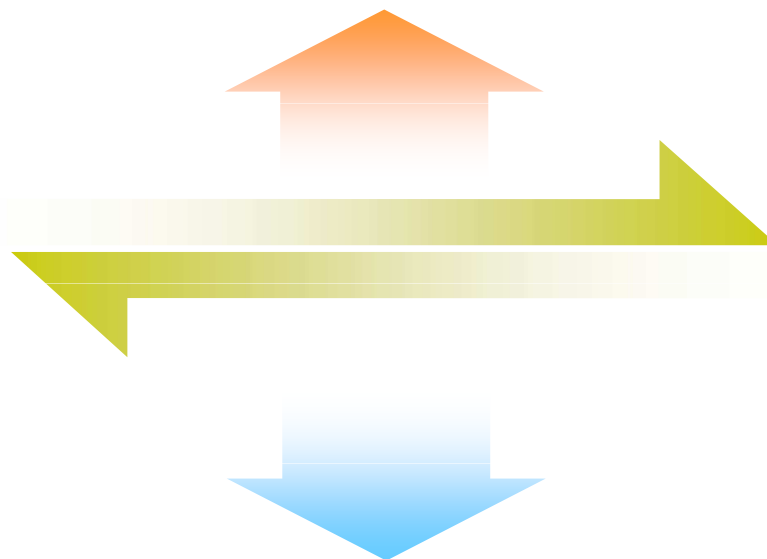
(II) Guiding Ideologies, Principles and Targets

KEY POINTS

58 chemicals
under key control
related to:

- ❖ Accumulative environmental risks—25
- ❖ Environmental accidents—15
- ❖ Typical pollutants—30
(of which 12 chemicals also related to frequent environmental accidents)

Regions under key
control



Enterprises under
key control

6 industries under
key control

- ❖ Oil processing, coke making and nuclear fuel processing
- ❖ Manufacture of chemical raw materials and products
- ❖ Pharmaceutical manufacture
- ❖ Manufacture of chemical fibers
- ❖ Non-ferrous metal smelting and rolling
- ❖ Textile
- ❖ New coal chemical processing



(II) Guiding Ideologies, Principles and Targets

The Overall Objectives

General Goal:

By 2015, the institutional system of chemical environmental risk management shall be established, the capacity of chemical environmental risk management shall be improved substantially, the level of environmental risk control for industries, enterprises and chemicals under key control shall be improved significantly.

The assessment of the achievement of the general goal shall be focused on three aspects: the construction of the institutional system, the construction of risk control capacity, and the level of key control.



(III) Main Tasks

Adjustment

To facilitate the optimization and adjustment of industry structure

Management

To improve the environmental management of key links in production and related fields

Reduction

To control the release of typical pollutants

Improvement

To improve the capacity of environmental supervision and management



(III) Main Tasks

To
facilitate
the
optimization
and
adjustment
of
industry
structure

Adjustment

- Invigorate the phasing-out and restriction measures
- Promote the rational arrangement of industries under key control
- Strengthen assessment of environmental impacts
- Increase the standard for environmental admission and construction



(III) Main Tasks

To improve the environmental management of key links in production and related fields

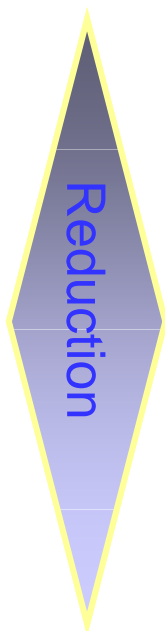
Management

- Establish and complete the system of policies and regulations for chemical environmental management
- Promote the environmental management registration of hazardous chemicals
- Conduct investigation and assessment on sources of chemical and environmental risks
- Define the enterprises' main-body responsibilities in prevention and control of chemical environmental risks
- Implement multi-tier supervision on enterprises handling hazardous chemicals
- Promote the cleaner production of hazardous chemical related industries
- Enforce the supervision on the storage and transportation of hazardous chemicals and consumer goods



(III) Main Tasks

To
control
the
release
of
typical
pollutants



- Strengthen environmental supervision and monitoring
- Promote the stable and up-to-standard release of typical pollutants
- Improve the level of chemical recycling and safe disposal
- Conduct pilot projects for assessment and restoration of chemically contaminated sites



(III) Main Tasks

To
improve
the
capacity
of
environmental
supervision
and
management

Improvement

Strengthen the construction of fundamental capacity

Improve the capability of emergency response

Improve the whole nation's level of environmental consciousness



(IV) Key Projects

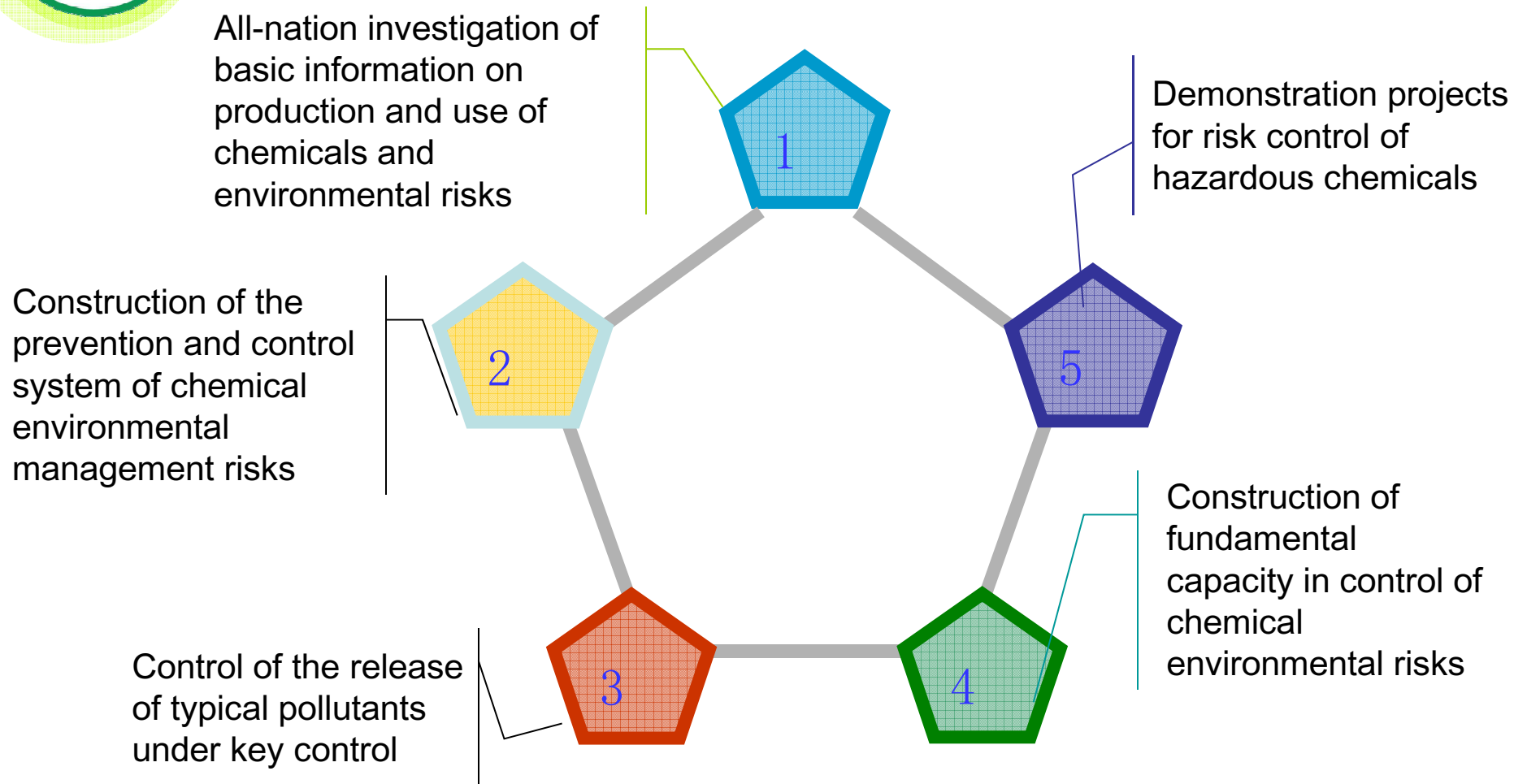




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