

Standards Education in China:

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Look Back and Prospect

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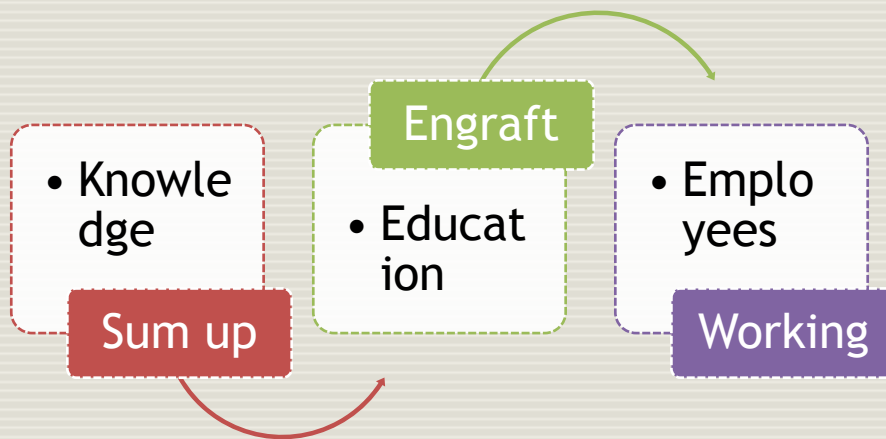
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1. How to regard the position of standards education --in the history and future

History

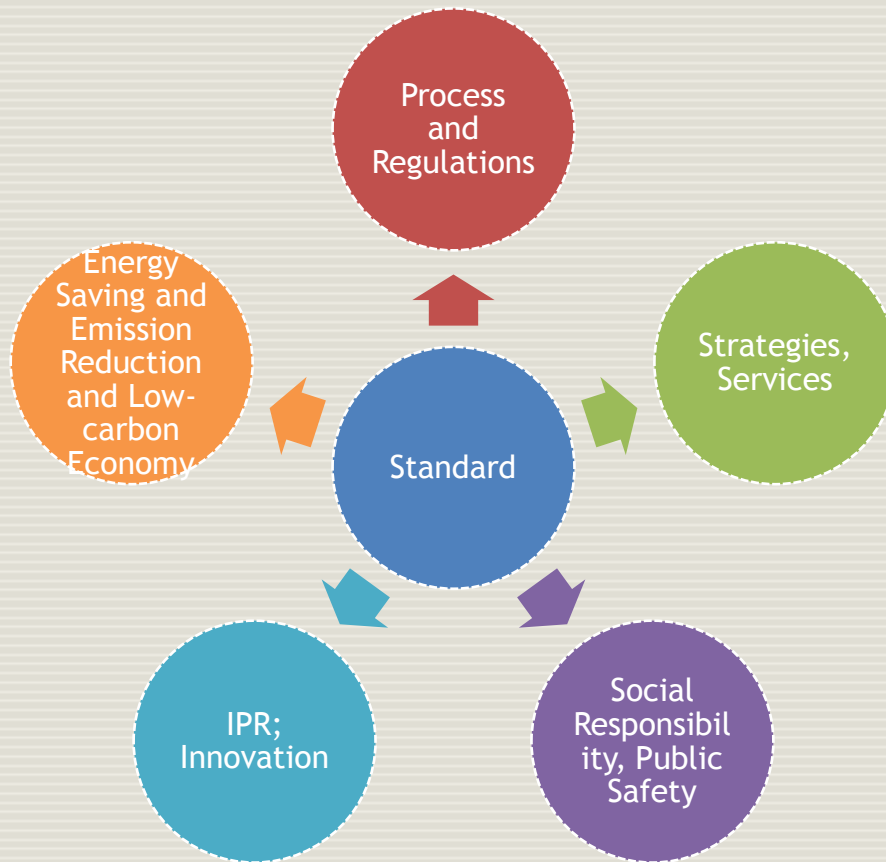


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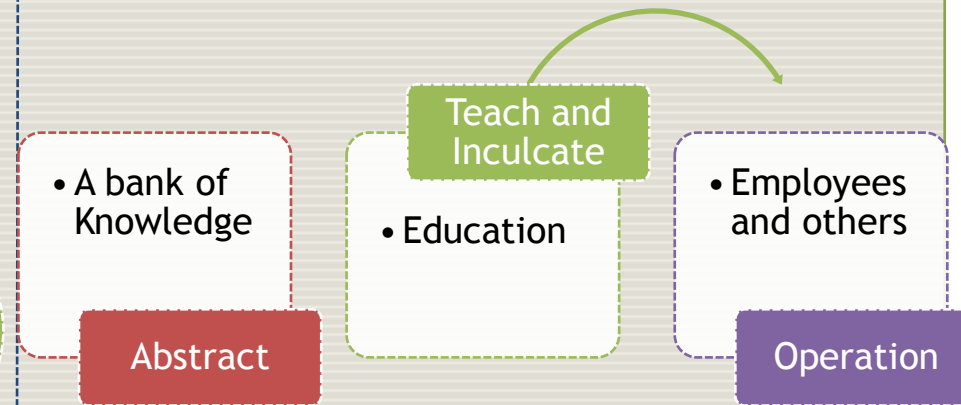


1. How to regard the position of standards education --in the history and future

Now



Future



As standard development extends to every field, the number of persons who need know and use standardization in different ways and at every level increases.

2. Standardization education in China —Latest Statistics

2.1 Universities and colleges



Schools which have the related majors in China

Undergraduate	7
Graduate	11
PHD	1
Postdoctoral Program	1
21 schools have standardization courses	

Dissertation

Doctoral Thesis and Excellent Masters' Thesis	288
From Universities and Colleges	118

➤ According to Statistics from CNIS

2. Standardization education in China —Latest Statistics

2.2 Vocational training



Launched by

- SAC
- Associations and Committee of Standardization

Attended by

- Administration Department
- TC
- Research Institutes
- Trade Associations
- companies

by.....Ways:

- knowledge and short-term courses
- Workshop
- dissemination of standardization knowledge

Intended for

- improving expertise among standard employees and in turn ensuring quality standards and proper standard development.

2. Standardization education in China —Latest Statistics

2.3 Dissemination



Workshop for “World Standards Day”

“Standards steps in your home”



3. Characteristics of standardization education in China

Abundant Resources and Diverse Models

Universities and colleges

Teaching Force, Teaching
Materials and Curricula

Need for Standardization
Education

CNIS: Set up *Standardization
Theory and Education Sub-
institute*

Support by Theory Research

Persons are designated and
projects are ratified for

Standard and standard
economy disciplines are
conceived and the framework
has been formed

A large literature.....

3. Characteristics of standardization education in China



Introduction to Standardization

- As one of the Chinese Higher Commercial Science Course Textbook Series since 1979, will be reprinted for the 5th edition in this summer.



Basic Knowledge of Standardization Q&A

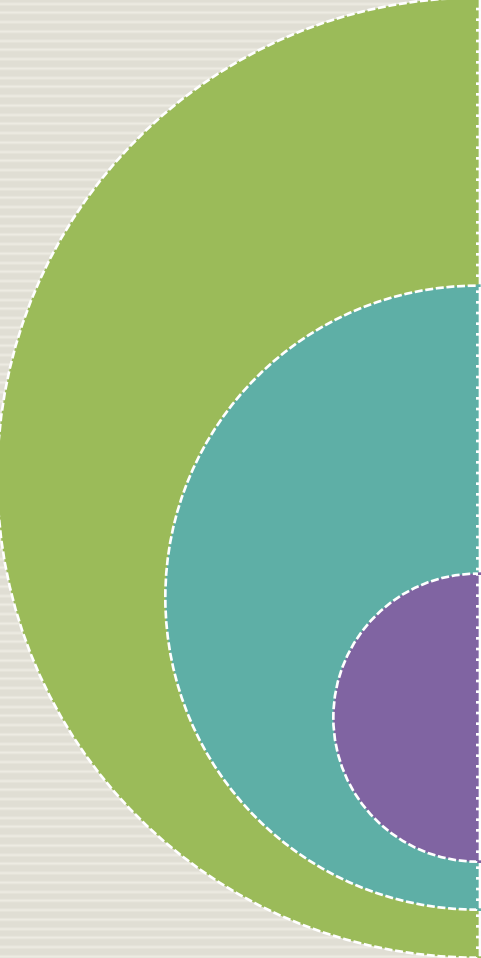
- The Series of books with a vivid form to publish nationwide on a “Standards steps in your home ” theme.



Guides for the Drafting of Standards

- Rules for the Structure and Drafting of Standards. And Adoption of International Standards
——Based on National Standard of PRC

3. Characteristics of standardization education in China

A graphic on the left side of the slide consisting of three concentric semi-circles. The outermost semi-circle is light green, the middle one is teal, and the innermost one is purple. They are all aligned to the right, creating a layered effect.

162 publications on standards and standardization were published from Oct. 1949 - August 200

347 standard-related publications were published, including 12 essential standard publications, 7 publications for training and 12 teaching materials.

———According to statistics for Year 2008 from Chinese Standardization Press

The Subinstitute of *Standardization Theory and Education* will designate the most skilled persons to organize the development of teaching materials and publications for training.

4. Vision of standardization education in China



Improvement in Theory and teaching materials

Theory: Establishing and improving standard and standardization economy and other disciplines

Teaching Materials: Developing a series of teaching materials to meet needs from different groups.



Wider Consumer Base

Universities and colleges: Allow more undergraduates and graduates to learn standardization

Other: Allow employees, managers, students and consumers to learn standardization

4. Vision of standardization education in China

Diverse models

Teaching method: Multimedia, study cases and online and physical participation and discussion

Customized education: Curricula and teaching materials are developed to serve different groups

Media: Forums, salons and training courses



Integration of education resources - Building cooperative platform and mechanism

International cooperation:
-- Development of teaching materials and research on standardization
-- Shared education models and information

Division among stakeholders with regard to standardization:
Universities and colleges, government agencies, companies and research institutes; Teachers, students, employees and researchers

5. CNIS' standardization education plan



Theory

- **The Way:** Building up a roadmap to standardization research (the status quo, system and elements) and standard discipline
- **To:** Basic theory; Up-to-date theory; Discipline-specific theory
- **Target:** Building up the discipline or standardization

Research on and adoption of

- **The Way:** Investigation into need , courses and priorities
- **Target:** International; Universities and colleges; Companies and other circles of society

Development and review of teaching materials

- independently and approved by CINS. They shall be developed in consideration of literature in and outside CINS.

Training for teacher

THANK YOU!

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