



# Standards Education in China:

STANDARDS EDUCATION IN CHINA



# Look Back and Prospect

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# Contents



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

2. Standardization education in China  
—Latest Statistics

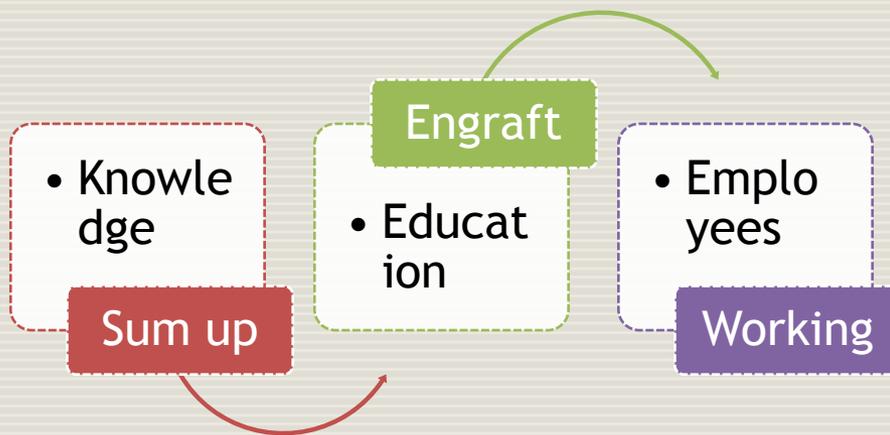
3. Characteristics of standardization education in China

4. Vision of standardization education in China

5. CNIS' standardization education plan

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

## History



## Now

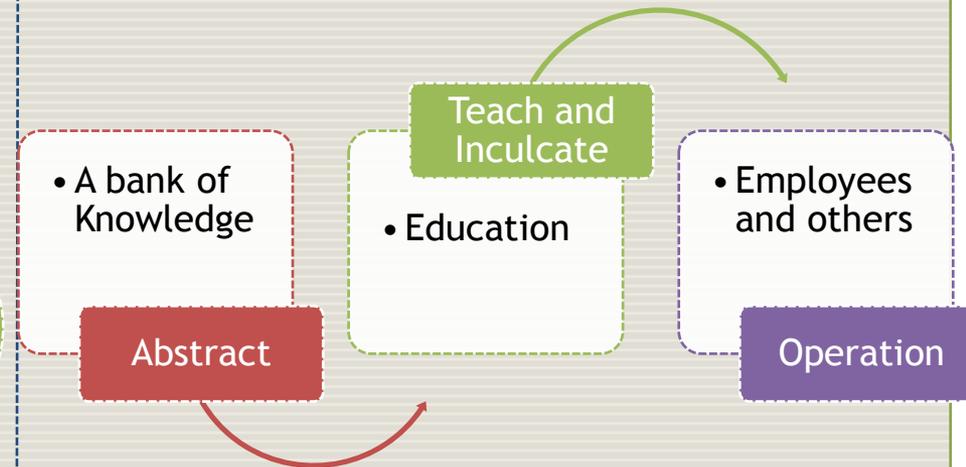


# 1. How to regard the position of standards education --in the history and future

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-  
institutue*

#### 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

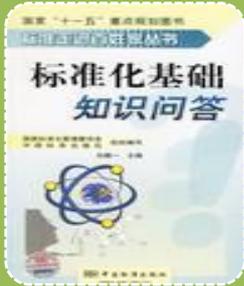
A large literature.....

### 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

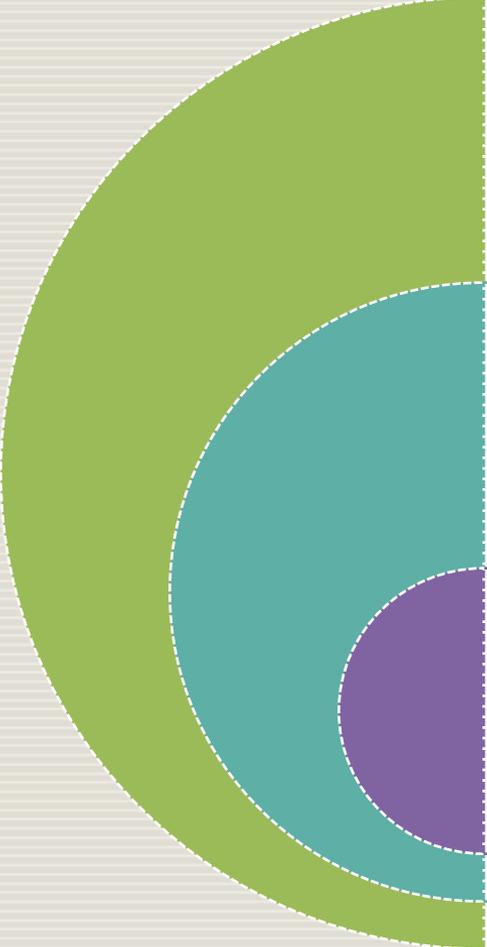
- The Series of books with a vivid form to publish nationwide on a “Standards steps in your home ” theme.



#### 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



162 publications on standards and standardization were published from Oct. 1949 - August 2000

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.

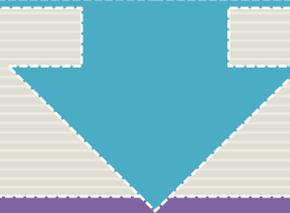
# 4. Vision of standardization education in China



## 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

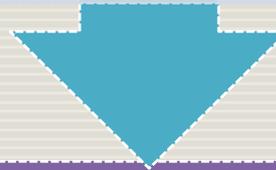


## Diverse models

**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



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# THANK YOU!

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