

8th International Skills Forum:
Future of Skills and Jobs in the Age of Digital Disruptions



教育部职业技术教育中心研究所
Central Institute for Vocational and Technical Education

Enterprises involved into TVET: Chinese experiences

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Outline

TVET system in the PRC

Related policies at national and local level

Good practice

Issues to be addressed in the future



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higher education

senior secondary school

junior secondary school

China's Education System

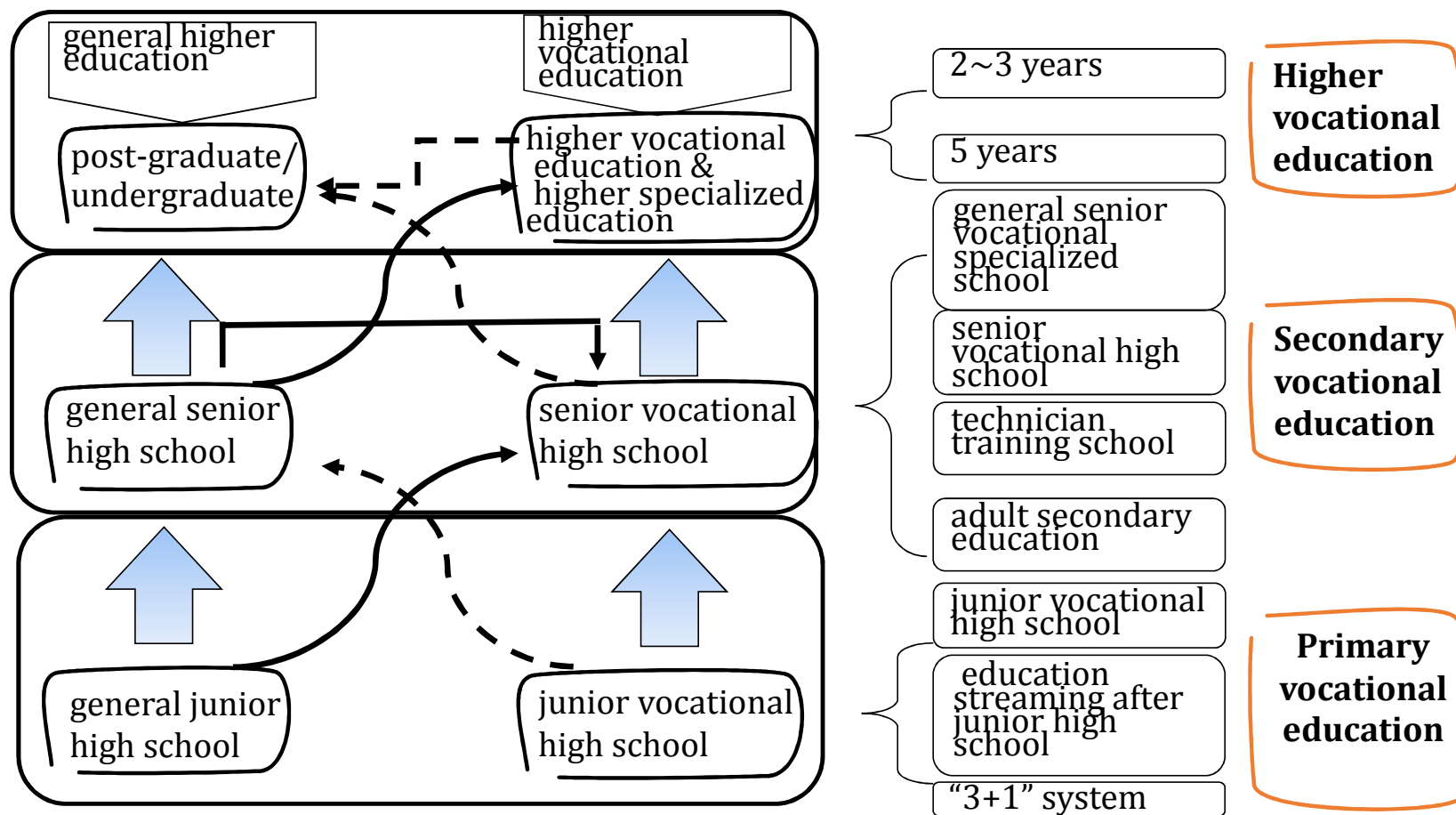
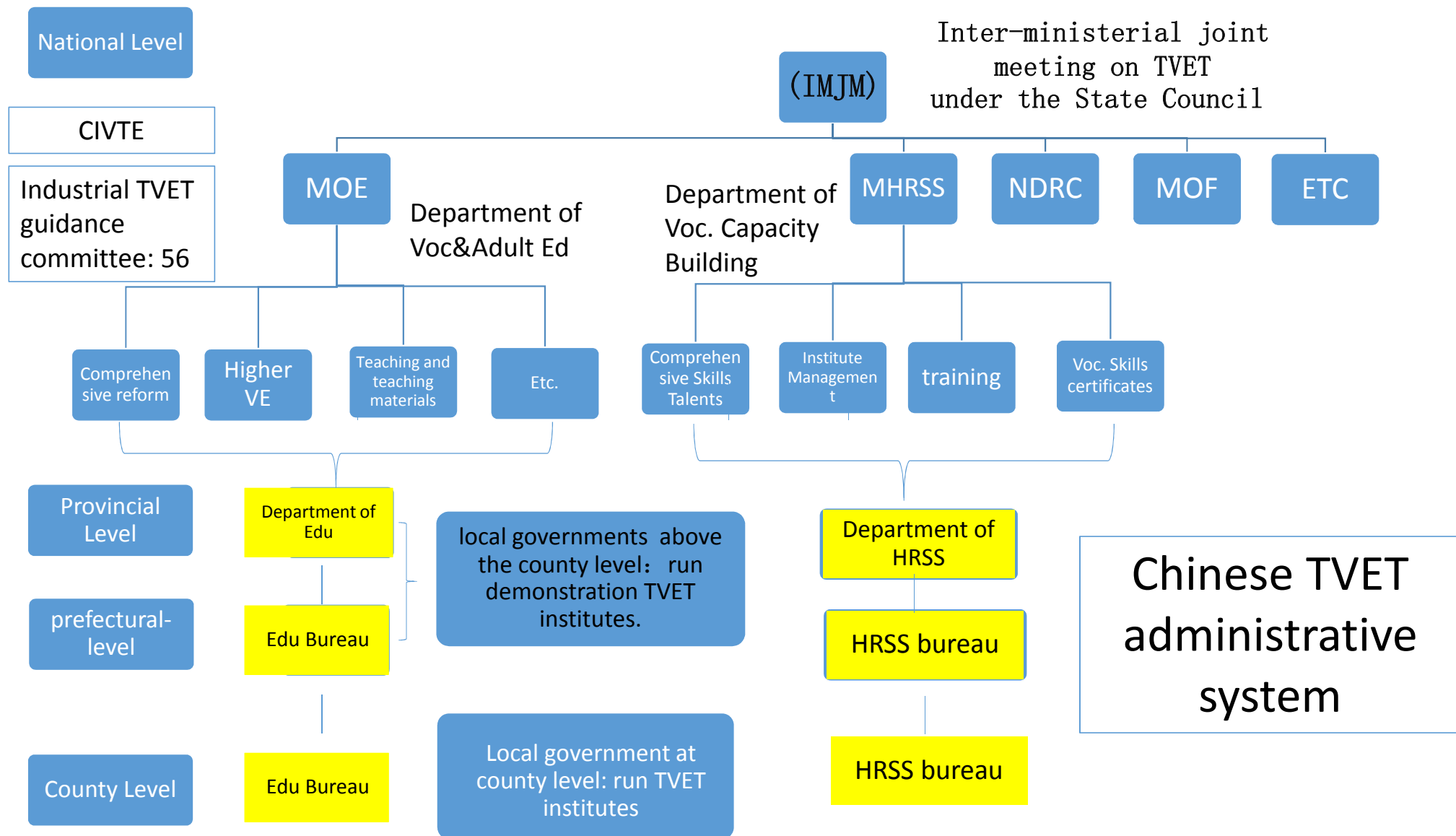


Fig. 1 China's education system



National policy to encourages enterprises to participate into TVET: direction, general

Enterprises' participation in TVET: important contents of Industrial development plans

Enterprises' participation in TVET: ; important indicators of demonstration enterprises

Government purchasing services , Deduction of taxable income

Governance Structure :enterprises' delegates—board of directors of VET institutes

Supporting and guiding enterprises to deeply participate in vocational school education and teaching Reform

TVET teachers: from industries can serve as full-time and part-time teachers and enjoy relevant treatment

Support enterprises, schools and scientific research institutes to carry out collaborative innovation

Encourage to form a Production-education integration group (alliance)

Local policy to encourages enterprises to participate in TVET: more specific and operable

- Special funds for school-enterprise cooperation
 - Jiangsu: Local people's governments at or above the county level may integrate and set up special funds for school-enterprise cooperation
- To support enterprises' training centers:
 - Taicang (Jiangsu province): One-time subsidy of 2 million yuan for enterprises newly establishment of dual system training center;
 - Baoshan (Shenzhen): According to the standard of 10,000 yuan per student, funds for the construction of off-campus practice bases.
- To purchase service of enterprises
 - Baoshan (Shenzhen): Enterprises that accept students' internship in secondary vocational schools shall be given a training subsidy of 300 yuan per person per month.
 - Jiangsu: Local people's governments at or above the county level shall grant certain subsidies to enterprises that accept students for internship
 - Shandong: Establish a cost compensation mechanism for enterprises to receive students' practice and training.
- To support enterprises to participate curriculum development
 - Taicang (Jiangsu province): Each time a professional teaching resource is systematically developed and independent intellectual property rights are obtained, a one-time award of 200,000 yuan is given to the research group (enterprises are important members)
- To support enterprises staff to become TVET teachers
 - Shandong: Support vocational schools to set up innovative positions such as "industry professors" and "technical commissioners" for cooperative enterprises.

Guangdong: Development of Specialties and Curriculum Standards

Establish the cooperative development mechanism of “government, research, schools and enterprises”. The project team is composed of undergraduate colleges, higher vocational colleges and secondary vocational schools, which jointly develop specialties and curriculum standards. Since 2013, a total of 74 standard development projects have been set up, involving 137 secondary vocational, higher vocational and undergraduate colleges, **81 enterprises and 22 Trade associations**, with a total investment of more than 20 million yuan.

74 standard development projects were conducted to meet the development requirements of Guangdong's advanced manufacturing industry, modern service industry and strategic emerging industries; according to incomplete statistics, **more than 1500 industry and enterprise experts participated.**

Tangshan Polytechnic (Hebei province) : allowance system for part-time teachers

Set **allowance standard** for **part-time teachers** for class hours according to the technical level or the working years of enterprises in the industry. The cost of class hours for senior technicians or senior technicians is up to 80 yuan per class hour, for skilled workers with the title of national labor model, technical expert and special allowance expert of the State Council is 1.3 times of the basic allowance.

Part-time teachers could get certain **salaries and remuneration** for members of the **Specialty Construction Committee**. The remuneration for specialty leaders of enterprises is paid at 300 yuan per month.

Guangdong: School-enterprise cooperation platform

Establish the **platform of dialogue** forum between teaching and production, TVET institutes dock industrial park and so on. Government, schools and enterprises jointly set up industrial colleges, vocational education groups, Industry-Education integration alliance.

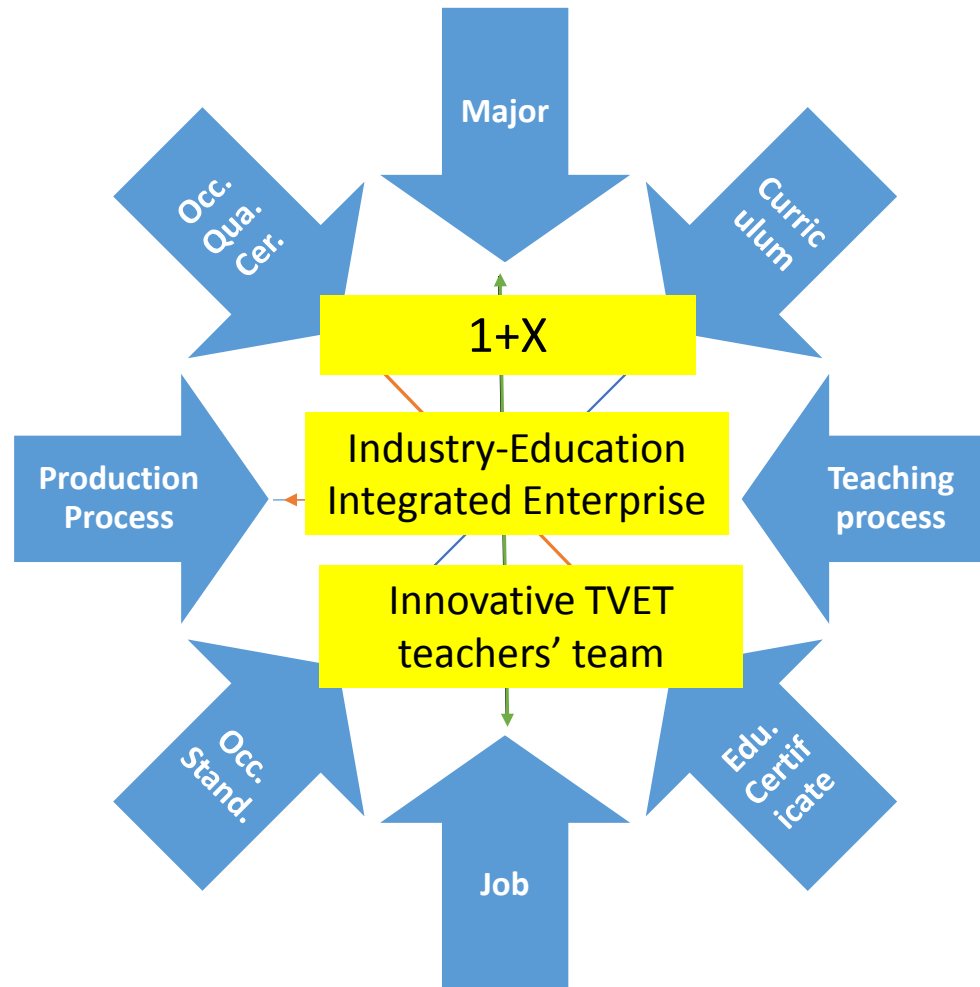
Sixty-six regional and industrial **VEGs (vocational education groups)** have been set up in the whole province, involving more than 300 vocational institutes, more than 200 trade associations and 4000 enterprises, initially realizing the integration of enrollment, training, practical training, employment, training and technical services. Provincial finance invested 8.25 million yuan, and set up 24 provincial demonstration vocational education groups to promote substantive operation.

"One town, one product, one specialty" model: Zhongshan, Guangdong

Town Name	Pillar industry	Specialties
Guzhen Zhen	Lighting	Art Design of Products (Direction of Lamps Design)
Nanqu	Elevator.	Elevator Engineering Technology
Gangkou	Game entertainment	Animation Production Technology
Mingzhong	Logistics transportation	Logistics management
Nantou	household electrical appliances	Electronic Information Engineering Technology



Issues to
be further
addressed
in the
future



State Council's guidance
on actively promoting
the "Internet +" action

"Thirteenth Five-Year"
National Strategic
Emerging Industry
Development Plan:

Internet of Things, cloud
computing, big data,
artificial intelligence

Traditional industries
upgrading; emerging
industries

For tomorrow



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Thanks !

