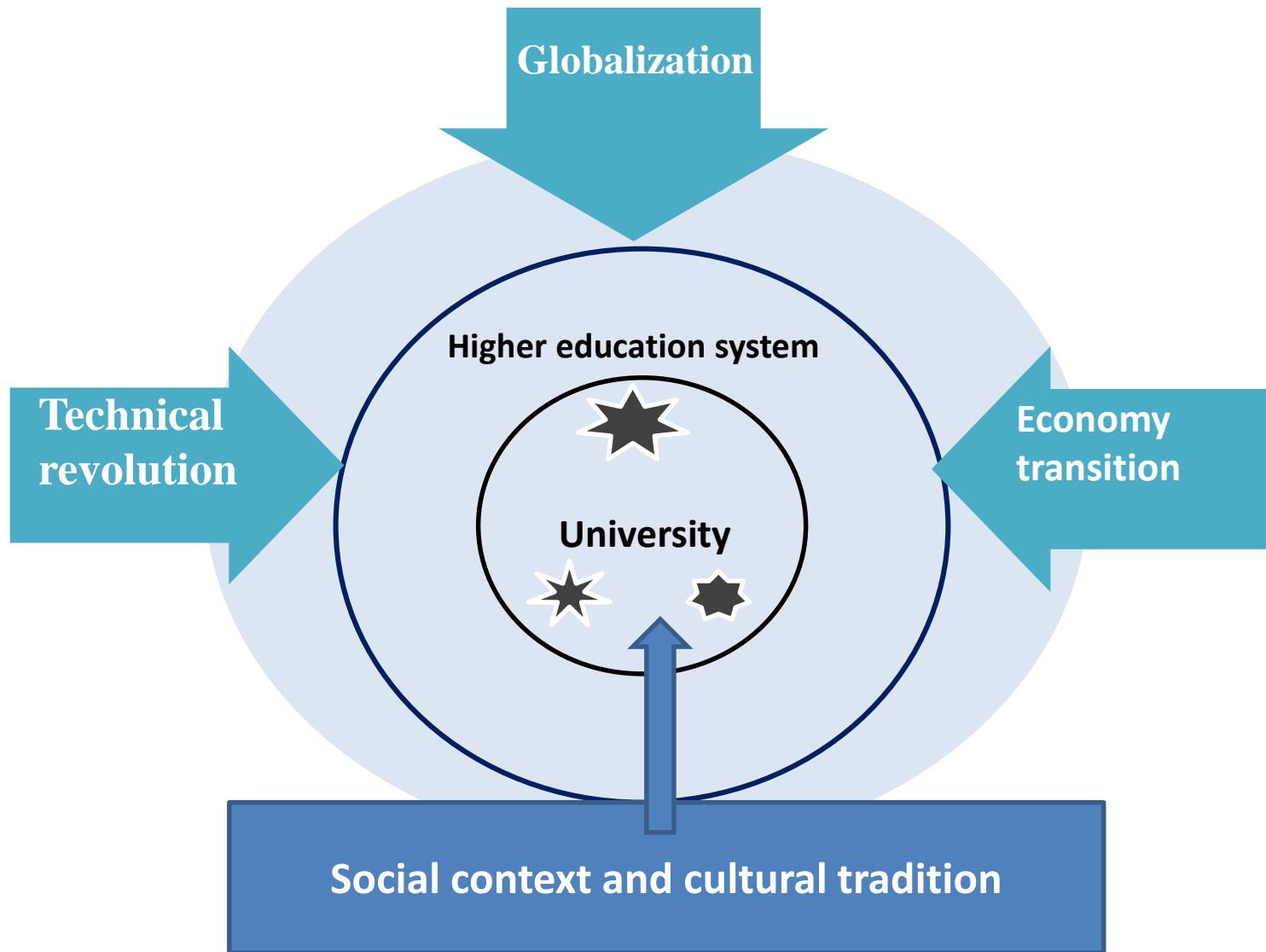




**Strengthening HE Capacity in China:
Tsinghua as a Case**

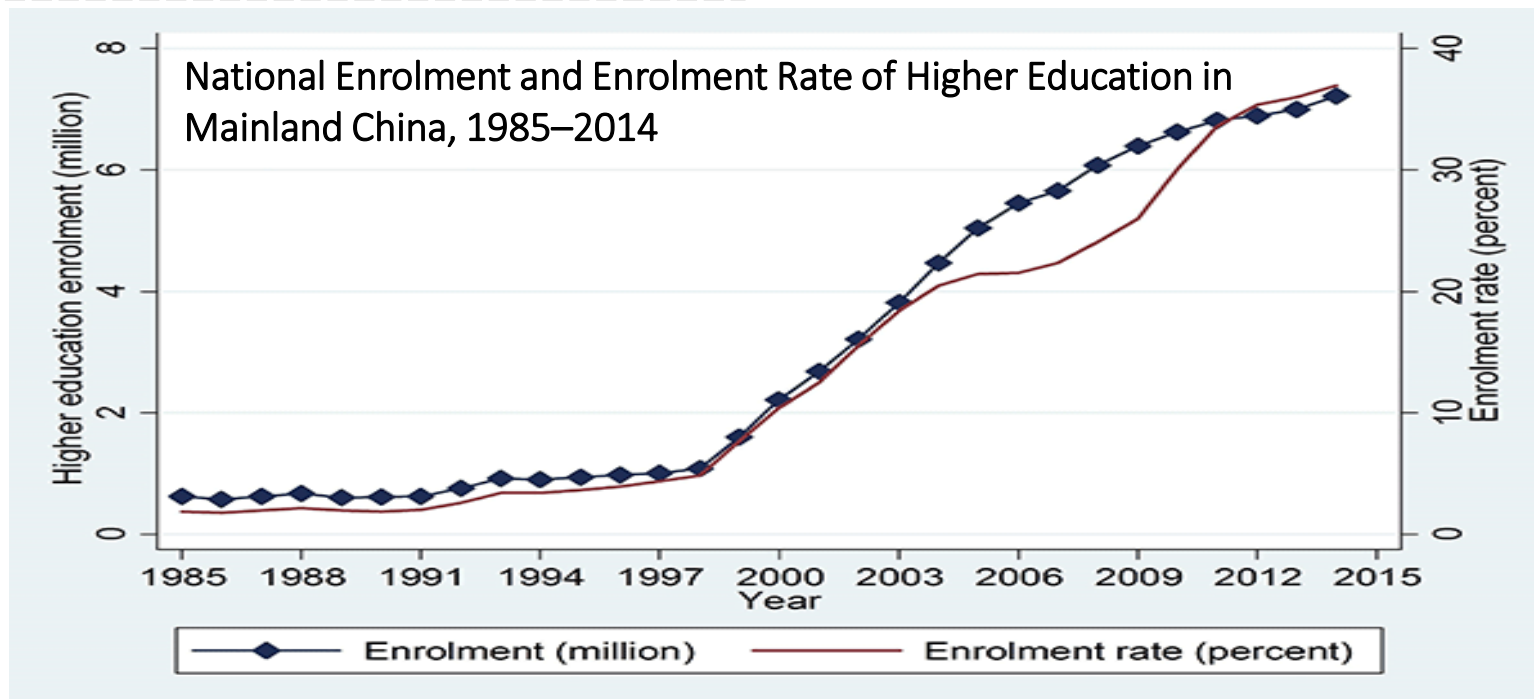
Prof. Shi Jinghuan 史静寰
Tsinghua University 清华大学

Context of higher education development in China in 21 century

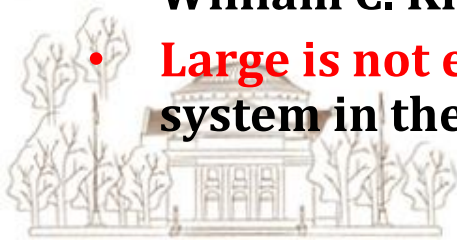




Expansion of Higher Education in China:1978-2018



- “China is building the fastest growing system—in quality as well as in quantity—in the world. China higher education is entering the time of investment, growth, experimentation, and internationalization” - William C. Kirby, 2014
- **Large is not equivalent to strong:** China has the largest higher education system in the world. But



HE expansion: Students increasing in three countries: Sweden, France and China

Sweden

1960: 35,000
1965: 70,000
1971: 150,000

Tripled within 10 years on the bases of 10 thousand.

France

1960: 200,000
1965: 400,000
1975: 800,000.

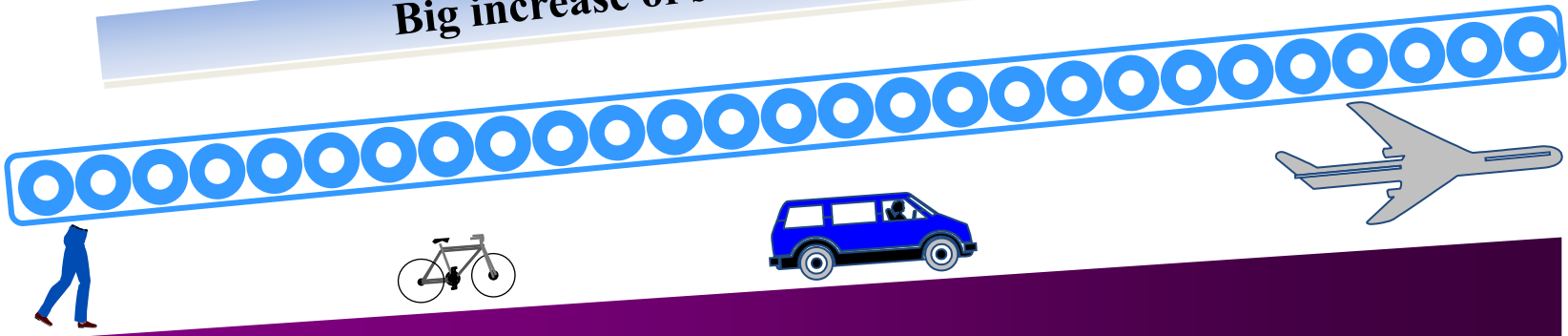
Tripled within 15 years on the bases of 100 thousand.

China

1998: 6,430,000;
2002: 16,000,000
2005: 23,000,000

Tripled within 8 years on the bases of 1 million.

Big increase of student numbers



Changing Logics of HE Development in 21 century

- Target changing from emphasizing resources and inputs to the progress and success.
- Paying more attentions to the intrinsic than the surface development.
- Making efforts to increase the value and impact of the system and institutions.

**Quantity and
standards**

数量和达标

**Quality and
benchmarking**

质量和标准

**Impact and
value**

影响和价值



Main approaches in Improving HE quality in China

GENERAL APPROACH

Context

Expanding higher education opportunities

Target

All higher education institutions (HEIs)

Actions

- Action Plan for Invigorating Education (1998-2002)
- New Action Plan for Invigorating Education (2003-2007)
- Quality-increasing Project in higher education¹ (2005)

TARGETED APPROACH

Context

Limited resources and high demand for quality

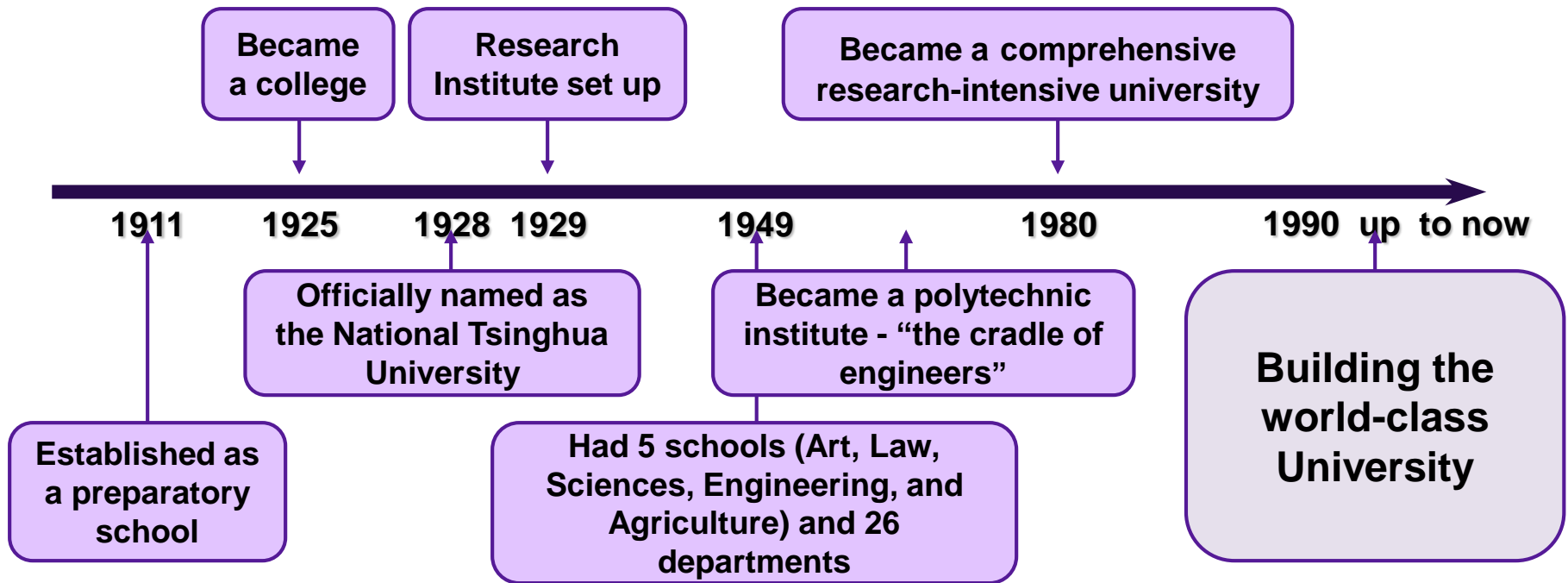
Target

Selected HEIs with better conditions and higher academic reputation

Actions

- Key Construction Project (1985-1995)
- “211” Project (1993): 112 Uni.
- “985” Project (1998): 39 Uni.
- **“Double World-Class Construction” Project (2017): 42 + 95 Uni.**

Tsinghua University: A case of Chinese Higher education Development

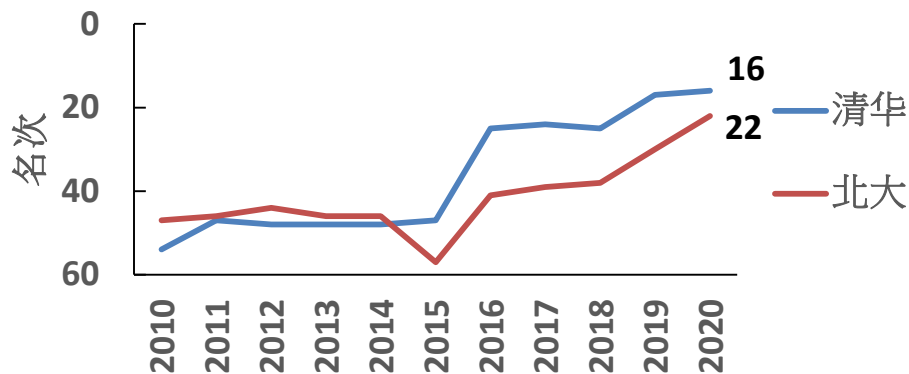


- Tsinghua was in the first group of HEIs to receive funding from “211” and “985” and “Double-world Class Construction” projects.
- Tsinghua has been frequently ranked number 1 or 2 in various national university rankings and is in the top list of the world university ranking.

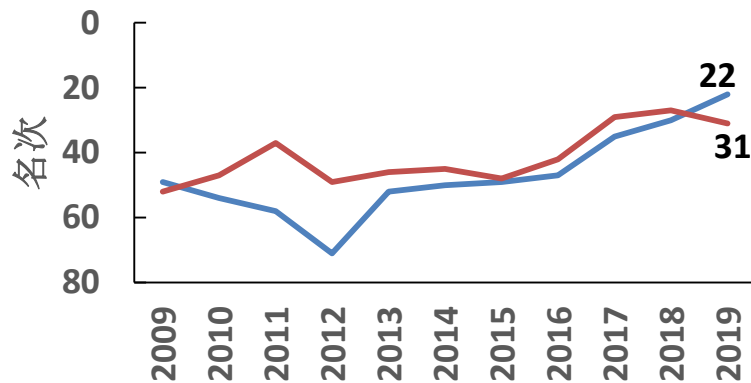
清北在四大排行榜上的排名变化



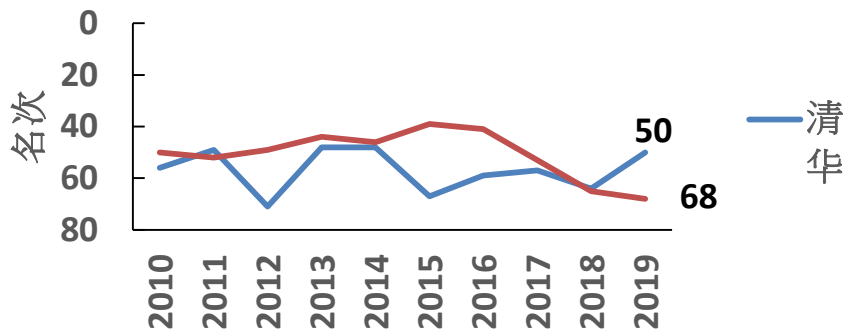
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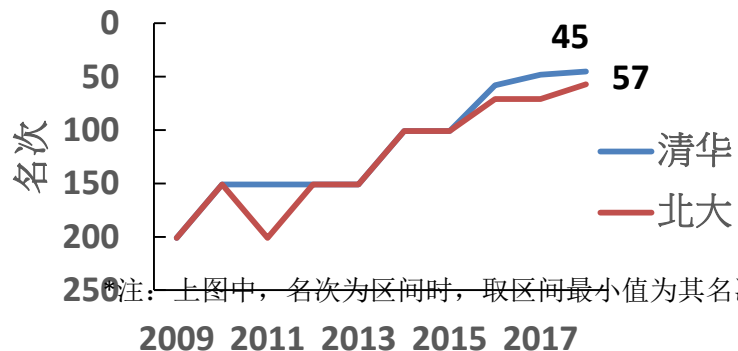
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US News



ARWU



注：上图中，名次为区间时，取区间最小值为其名次。



NSC papers published by 5 top universities 2013-2018

	2013	2014	2015	2016	2017	2018	合计(total)
清华大学(THU)	13	9	20	17	23	13	95
哈佛大学(Harvard)	152	162	137	160	140	119	870
斯坦福大学 (Stanford)	82	80	108	101	120	104	595
MIT	78	73	78	78	59	79	445
牛津大学(Oxford)	44	51	45	31	33	50	254

National Rewards earned by Tsinghua University 2011-2018

	2011	2012	2013	2014	2015	2016	2017	2018	Tatol
国家自然科学奖 Natural Sciences	3	3	2	4	2	2	3	3	22
国家技术发明奖 Technology Innovation	4	7	5	1	4	2	5	3	31
国家科技进步奖 S & T progress	2	1	0	2	3	4	3	8	23
三大奖合计	9	11	8	7	9	8	11	15	78

The meaning of the “Double World-Class (DWC)”



“The ‘Double World-Class’ means leadership, uniqueness, contribution and impacts.”

-- Dr. QIU Yong, the President of Tsinghua University

Excellence in :

- Disciplinary development
- Faculty and staff
- University governance
- **Teaching and learning**
- **Undergraduate education paves the fundamental colors, while postgraduate education represent the height of a university.**



“Three-in-One” Model in Tsinghua University

2014 Tsinghua officially announce to adopt the “three-in-one” or “integrated education model” combining knowledge teaching, skill practicing and value cultivation together in student cultivation.

Tsinghua’s Moto:

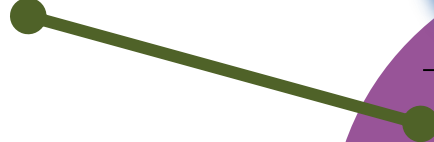
Self-discipline and Social Commitment.

自强不息，厚德载物

Come from the Chinese Classic

“Yi Jing”(易经)“The book of Changes”

Skills (To Do)



智

三位一体

Zhi

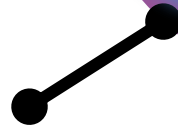
Whole person
Development

志



Value (To Be)

**Knowledge
(To Know)**



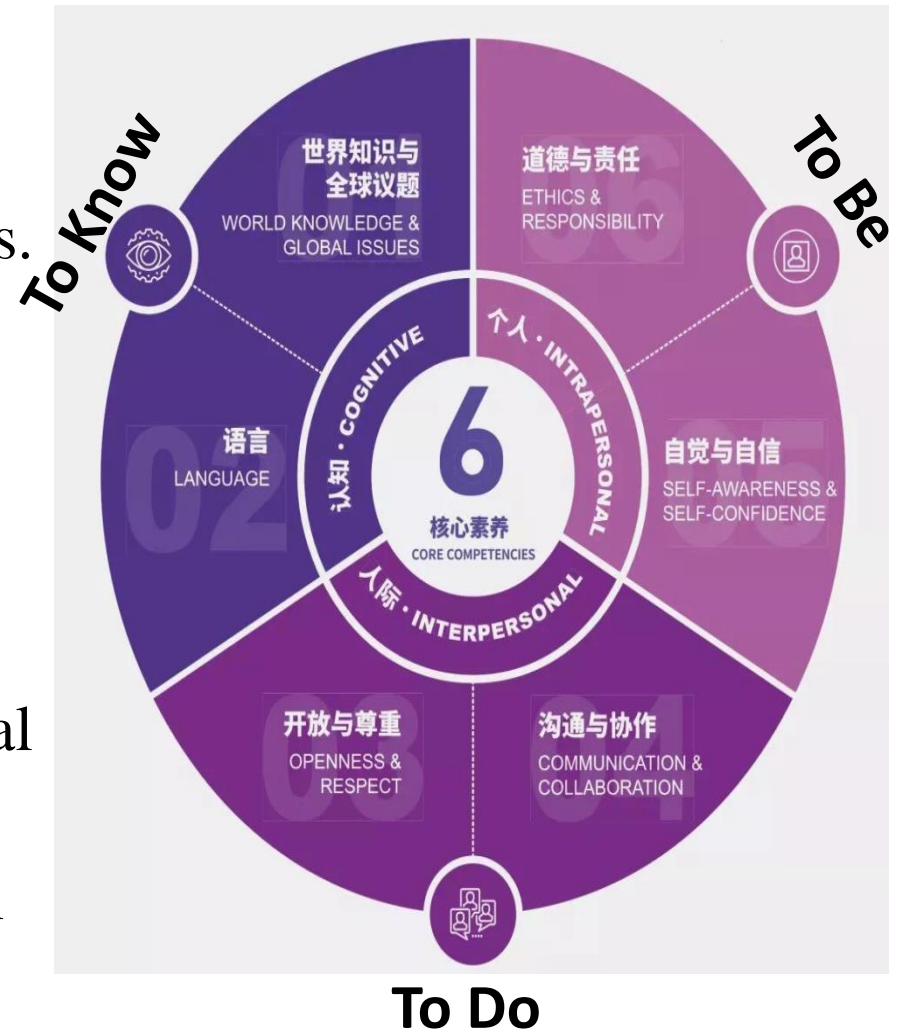
知



Improving student's global competence in Tsinghua

Tsinghua issued the university “Global Strategy” in 2015. It focus on the capacity building of students.

- Capacity to learn, work and interact with others in an international and multi-cultural context.
- Being divided into **three domains**: cognitive, interpersonal and intrapersonal aspects.
- Consistent to the idea of general education in Tsinghua Univ.



Schwarzman College and Scholar Program

In April 2013, Tsinghua launched the starting ceremony for the “**Schwarzman Scholar Program**” with donations of 300 million US dollars from Schwarzman and the world top 500 companies.



The Schwarzman College in Tsinghua campus, a master piece of culture mixture.



the Establishment of Global Innovation Exchange Institute (GIX) in the US

With \$40 million in foundational support from Microsoft, Tsinghua University and University of Washington create the Global Innovation Exchange Institute (GIX) in Oct. 18, 2015 in Seattle , providing master's degree in technology innovation. GIX marks the first time a Chinese research university has established a physical presence in the US. Chinese President Xi Jinping Presents Gift to GIX in Sep. 24, 2015. the first group of graduate students will have their graduation ceremony next week (Dec. 9-10).



Regional collaboration in Asia

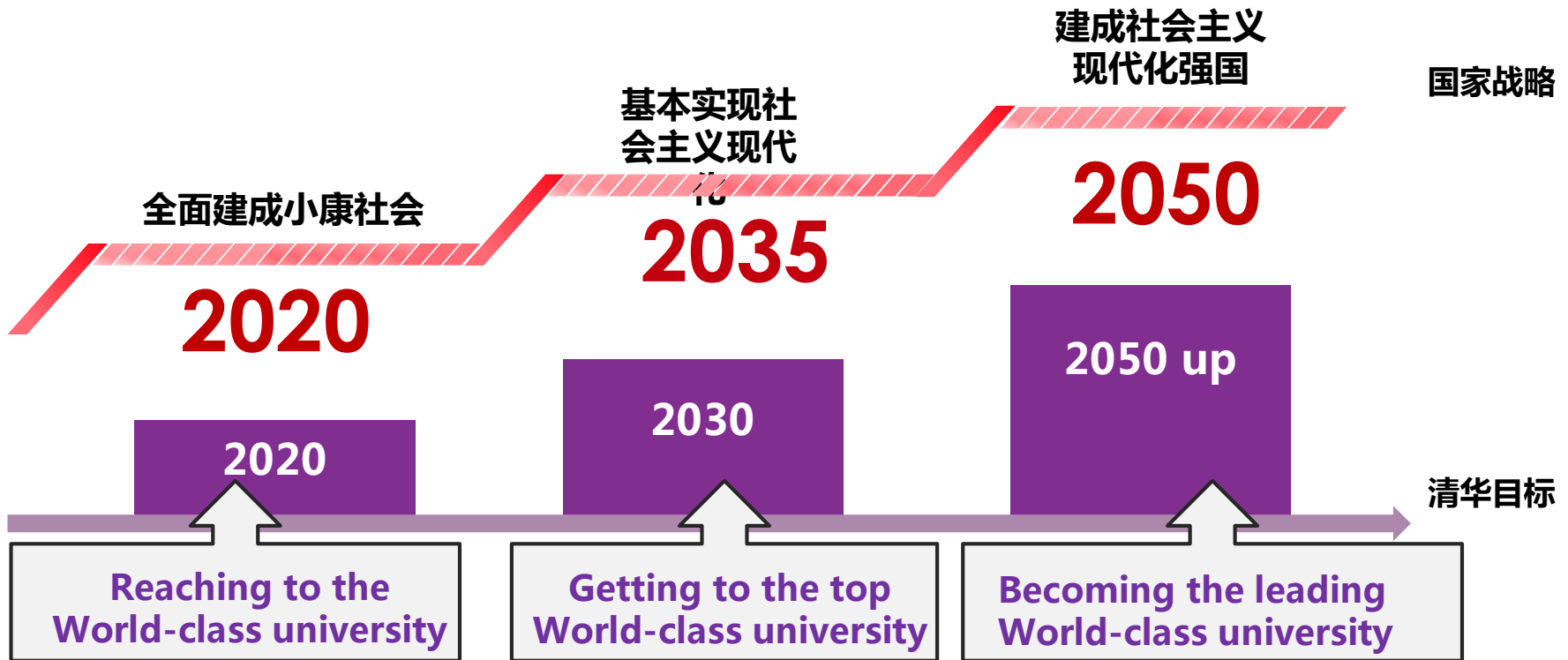
**Asian University Alliance (AUA)
was Officially established in April
2017 in Tsinghua University.**



**Tsinghua Southeast Asia Center
(Tsinghua SEA) was held at Kura Kura
Island in Bali, Indonesia in Oct. 9 2018**



The goal of Tsinghua University to 2050



Thanks!

