

“Top Global University Project”

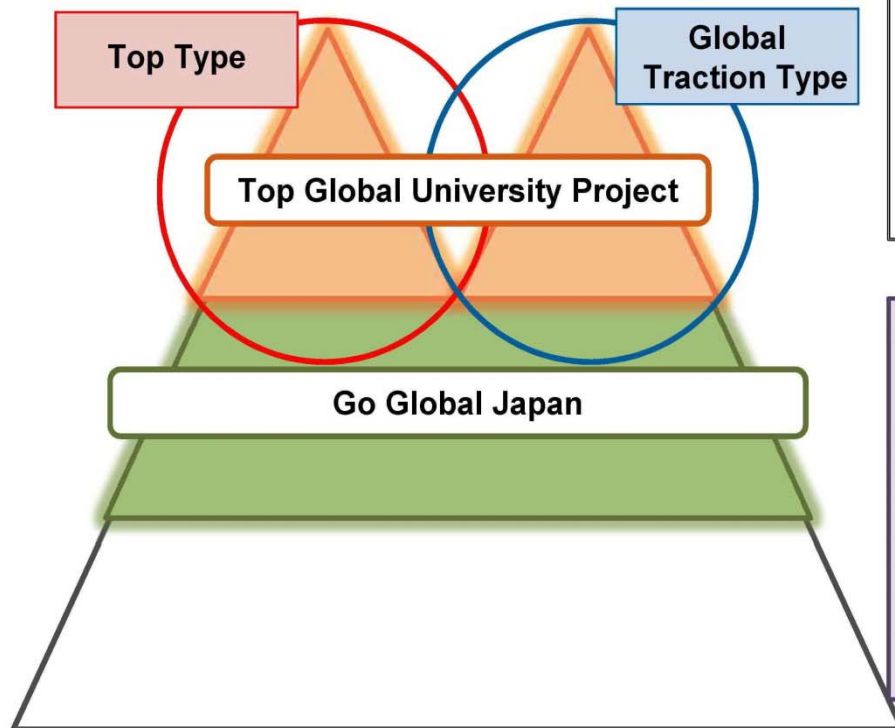
Briefing Session for Students

December 2014

Top Global University Project (2014~)

Summary

- ✓ Fully mobilizing systems and budget
- ✓ Achieve structural change to form globally competitive universities in the world
- ✓ Stimulate cooperation with world top universities



Target (7.7 billion, 10 consecutive years)

- **Top Type** (10 universities)
Universities for world rankings top 100
- **Global Type** (20 universities)
Universities to lead the internationalization

(Example of system reforms)

- Joint Degree
- Management, etc.

(Common conditions for both type)

- Improving ratio of foreign faculty and students
- Increasing lectures in English, etc.

Project Overview

HU was selected as one of Japan's top 13 universities (Top Type)

◆ Selected Institutions * in alphabetical order

<National University>

[Hiroshima University](#), Hokkaido University, Kyoto University, Kyushu University, Nagoya University, Osaka University, Tokyo Institute of Technology, Tokyo Medical and Dental University, Tohoku University, University of Tokyo, University of Tsukuba

<Private University>

Keio University, Waseda University

Hiroshima University Global Campus Expansion and Innovation Initiative

**“Top Global University Project”
Type A**

Raising International Standing by Cultivating Global Human Resources

One of the world's top 100 universities

Highly-motivated people gather at Hiroshima University, and achieve outstanding global performance

Build up reputation in int'l society

Produce excellent researchers and academic achievements

Training human resources who can resolve the unpredictable issues with the human society

Offering education with international standards

Development of international education and research network

Development of research centers of excellence

Adapt the concept of the Leading Graduate Education Program to the whole university

Synergy

Focus resources on university's advantageous research fields

Extensive education experience

Enhancement of governance

University's top-notch research capability

Thorough IR analysis

- Separation of faculty and undergraduate/graduate schools
- Faculty evaluation
- Introduction of annual salary system
- Appropriate assignment of faculties

Attracting Talent from around the World

Past Achievements and Current State

- **1,678 international students (ranked 21 in Japan) from 69 countries/regions**
Focused on developing researchers and specialized personnel in Asia. In particular, many students from ASEAN nations.
- **Beijing research center, pioneering model for overseas hubs**
Experience in building friendships and joint usage facilities with local governments. Established 8 hubs including Beijing.
- **Integrated regional internationalization**
Prefectural and municipal public housing loaned as dormitories for domestic and international students.

Action 1 Strategic promotion overseas

20% of all students are international students

- **Enhanced matching functions** to align students' wants with teacher's specialties.
- **10 permanent offices overseas** (international student consultations and special one-stop consultation web site on study in Hiroshima University)
- Lead-up programs (summer program, online Japanese education programs)
- Increase scholarships opportunities (Adopted before coming to Hiroshima University, Alumni Association/World Bank/JICA, etc.)
- Construction of new internationalized dormitories (housing all new international students)

Action 2 Introduction of global entrance exams

- Can apply from anywhere in the world using the online application system
- Globally-recognized academic screening tests (SAT, GRE, etc)

Action 3 More degree courses in English

- Established in all departments and graduate schools
- Cambodia International joint graduate school of Dentistry (developed into JD)

Action 4 Collaborative education with joint researchers

- Education and research units from world-leading universities invited to join collaborative education efforts in priority fields of Hiroshima University, establishment of units providing opportunities for female researchers

Results metrics

No. of international students

1,678 (2013)



3,600 (2023)

No. of joint international papers

450 (2012)



2,700 (2023)

Education System with Various Global Opportunities

Past Achievements and Current State

- A variety of study abroad opportunities that meet students' needs 32 programs in total
- **START for new students** Dispatch 250 students/year (10% of new students) Resulted in heightened focus by students on study abroad.

- Introduction of quarter system (from 2015)
- Support to graduate students for presentations at international conferences

Action 1 Remove factors inhibiting study abroad

All Japanese students study abroad

- Establishment of new overseas study scholarships through collaboration between academia and industry, use of quarter system (1st term as term for special English training, international credit transfers, UCTS, numbering system, etc)

Action 2 Expansion of DD, JD

- Global teacher training JD (Barcelona University, Milan University, etc...)
- International management JD (Taiwan National Chengchi University, etc...)

Action 3 Increase of classes taught in a foreign language (50% of all subjects)

- More than 50% are international faculties or have experience of education/research overseas
- 100% international open recruitment of faculty
- Intensive courses and online lectures by world-renowned scholars

Action 4 Expansion of overseas satellite campuses

- New establishment of Cambodia joint international graduate school of dentistry

Action 5 Enhancement of research exchange activities with top schools overseas

- Acquisition of external funding with partner universities (EU, US foundations, etc)
- Increasing opportunities for graduate students to participate in international joint research projects and overseas internships

Results metrics

Exchange faculties

2,616 times (2012)



5,400 times (2023)

Classes taught in foreign language

397 classes (2012)



3,357 classes (2023)

External funding received

9.27B yen (2012)



27B yen (2023)

Education with International Standards

Past Achievements and Current State

■ Hiroshima University's unique attainment target-based education program: HiPROSPECTS

Leading the way to implement nationwide from 2006 (see UK QAA* rubric)

*QAA : Quality Assurance Agency for Higher Education

■ 5 Year Integrated Leading Graduate Education Program

Phoenix Leader Education Program for Renaissance from Radiation Disaster

Taoyaka Peaceful Coexistence Leader Program

■ **Internal quality guarantee for education** Assess and verify all educational programs

Action 1 International quality assurance of education



- Quality assurance of education through SERU* consortium, which includes a peer group of major U.S and international research universities.

- Started by Hiroshima university's initiative
- Using data and experience of SERU

*Student Experience in the Research University

- International peer reviews for educational programs of academic fields with partner universities
- Internationally recognized Rubric and GPA hybrid Assessment

Action 2 Assuring time for high-quality learning

- Support for student's learning through a new TA system
- Enhancement of student's study with a multi-instructor framework (including overseas researchers) (e-learning portfolio)
- Introduction of active learning such as flipped method and PBL in English throughout the university
- Publication of achievement in international journals (Writing Center)

Results metrics

No. of doctoral degree

376 (2012)



1,100 (2023)

No. of papers indexed by SCI

1,726 (2012)



5,400 (2023)

Hiroshima University in 10 years

With enhanced education and research activities, producing global human resources and contributing the creation of new knowledge

One of the world's top 100 universities

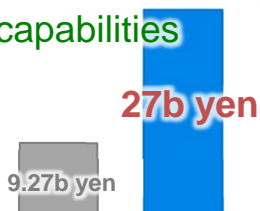
Formation and implementation of research centers of excellence

Excellent research capabilities



No. of papers indexed by SCI

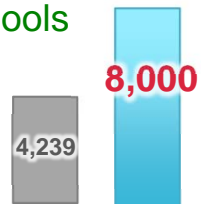
Excellent funding capabilities



External funding

Offering education with international standards

Focus on graduate schools



No. of graduate students

Producing competent human resources



No. of doctoral degrees conferred

Education system offering many global opportunities

Excellent international opportunities



No. of Japanese student studied/ing abroad

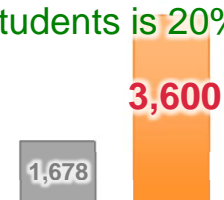
50% of classes are in a foreign language



No. of foreign language classes

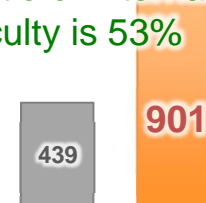
Attracting talent from around the world

Ratio of international students is 20%



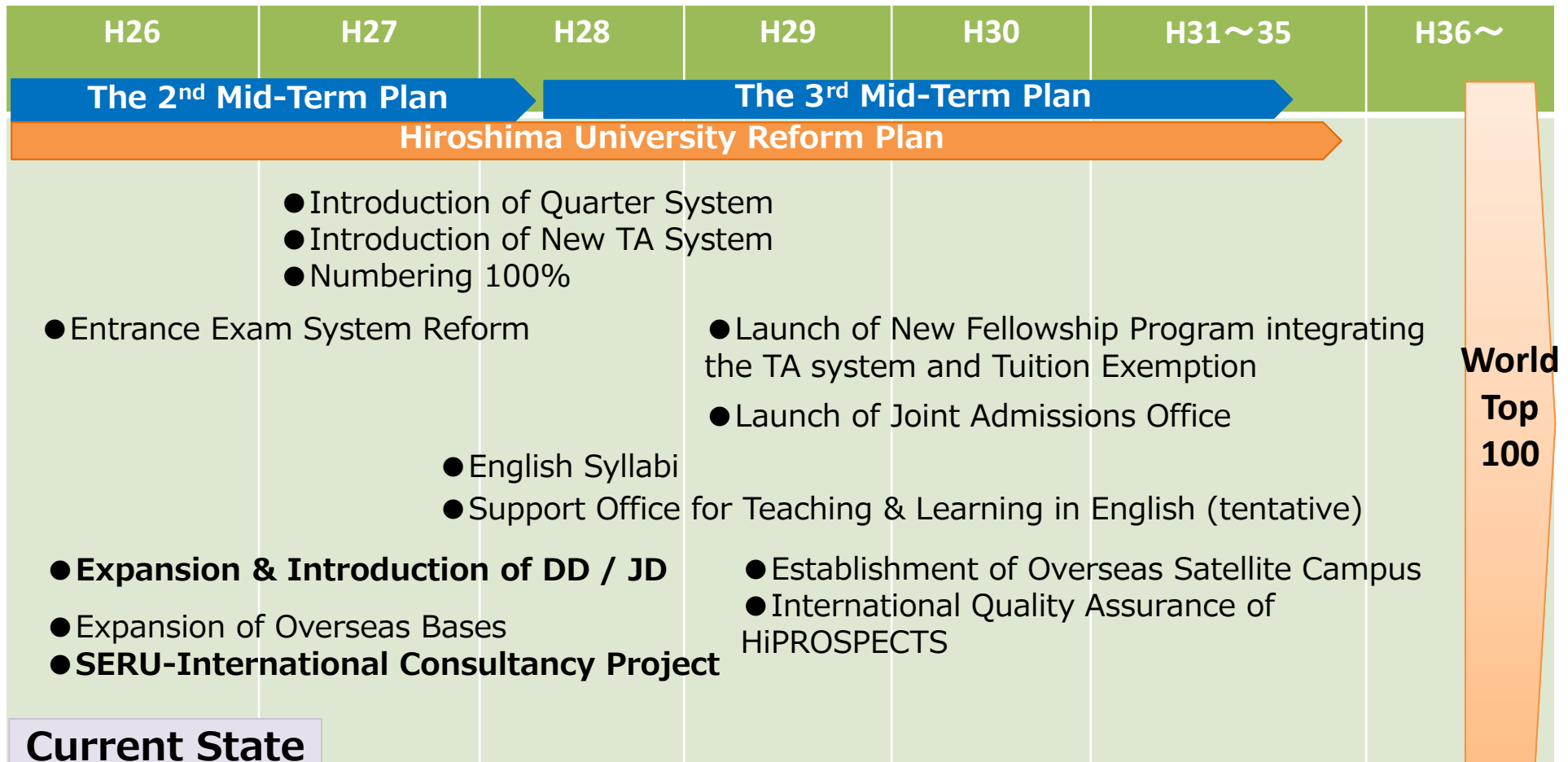
No. of international students

Ratio of international faculty is 53%



No. of international faculty

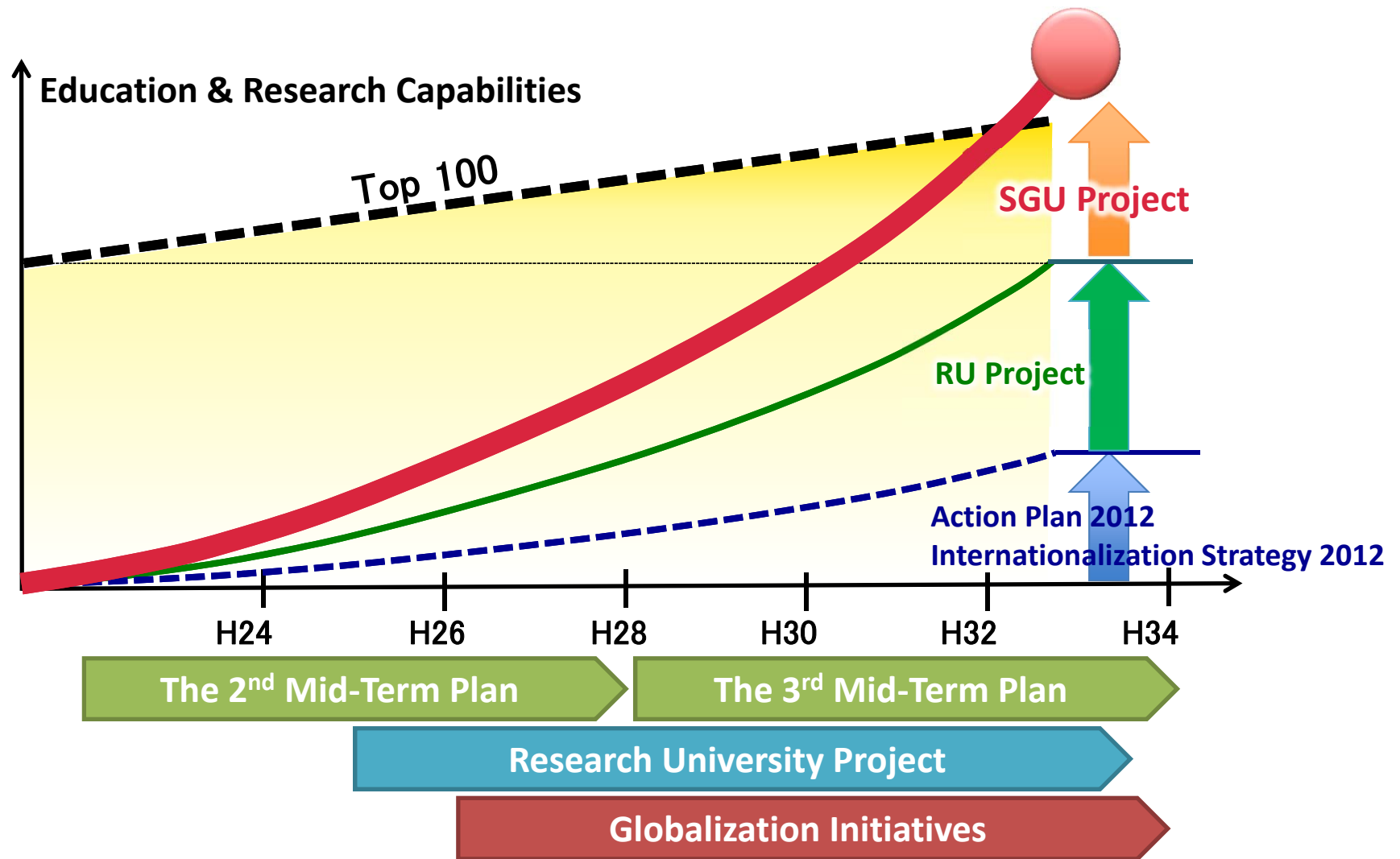
Roadmap for the next 10 years (1)



- Strategic Planning for International Student Recruiting
- Tentative Agreement for Joint Degree
- Global Career Design Center (7/1~)
- New Scholarship Program for Study Abroad with Industry-Academia Collaboration

- New TA System Planning Work Group
- Set Up "Flipped Classroom" Study Group
- Support for English Academic Writing
- Student Accommodation cooperated with the local government

Roadmap for the next 10 years (2)



➔ Education × Research × Globalization ₁₁