

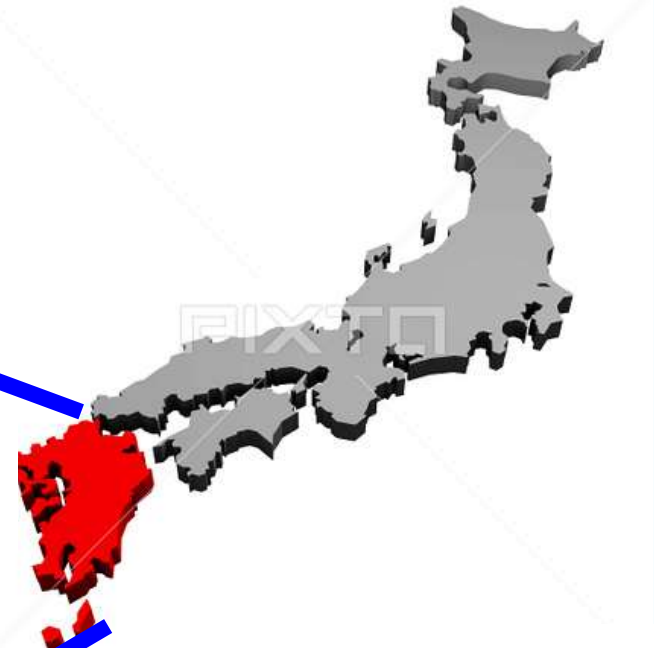
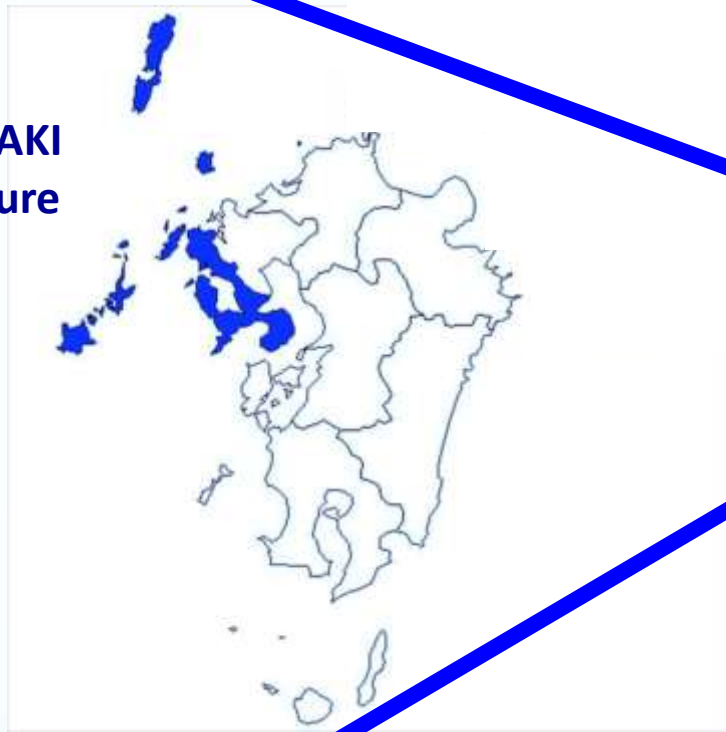
*Science course selection support program
for junior and senior high schoolgirls*

*Rikejo development program to foster
dreams, admiration, and ambition*

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**NAGASAKI
prefecture**



Kyushu Islands

Nagasaki prefecture has complicated coast line with many peninsulas and bays, and it consists of many islands.

PURPOSE of PROGRAM

- To introduce several pathways into the science field, enhance motivation of junior and senior high schoolgirls to follow a science career
- To encourage parents and teachers to strengthen their ambition in extolling the benefits of a science course

GOAL of PROGRAM

- To build the foundation necessary to form a science career, and to foster and encourage women who actively contribute to society

targets number

- Total number of participants:
 - junior and senior high schoolgirls **600**<
 - parents / teachers **200**<
- attain satisfaction in the program is **90%**<
- increase science career consciousness by **50%**<
- increase consciousness of care and support by **50%**<
- the number of those involved in mass media by **5 times**<

The implementation system:

Nagasaki steering committee

for the junior and senior high schoolgirl student career selection support program

recruitment of participants, identifying lecturers, planning and implementation

- ***implementing institution***

Center for Regional Educational Partnership, and
Center for Diversity & Inclusion, Nagasaki University

- ***Jointly Implemented Organization and the collaborating organization members***

Mitsubishi Heavy Industries Ltd., PAL Structure, Penguin Aquarium, Nagasaki Prefecture Principal Association, Nagasaki Prefecture High School Principal Association, Nagasaki Prefecture PTA, Nagasaki Prefecture Public High School PTA

Characteristic of DREAM SEMINAR

"widely" propagation to Nagasaki prefecture

- all prefecture-oriented including the remote islands

The contents of seminar

- ① Rikejo lecture
- ② career seminar for parents and teachers
- ③ World Café
- ④ individual course consultation meetings

DREAM SEMINAR

Rikejo lecture



World Café



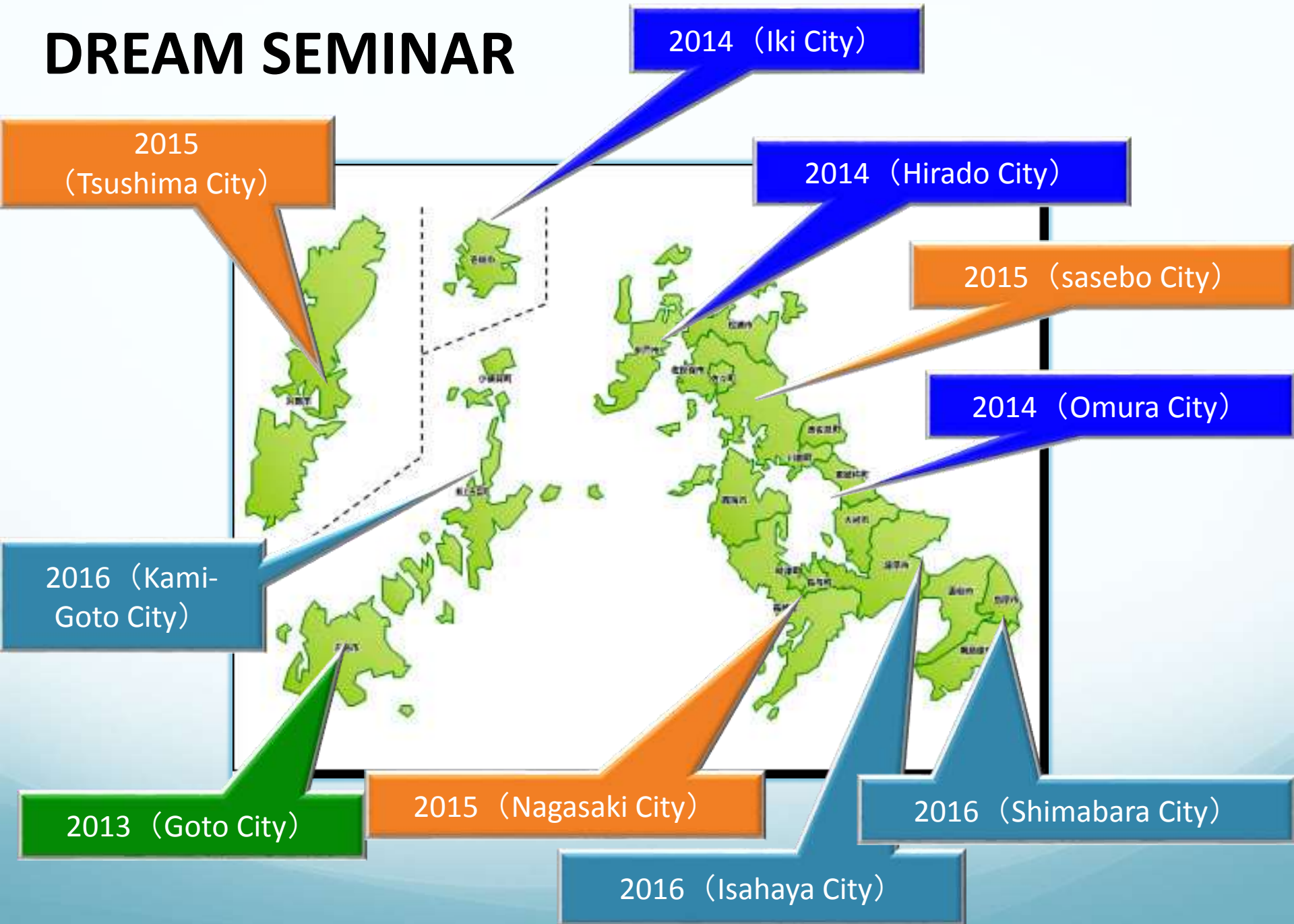
Rikejo lecture



individual career consultation



DREAM SEMINAR



Characteristic of ADMIRATION SEMINAR

knowing deeply about the world of science

- small group of participants
- more specialized content

(1) Company visit (Rikejo lecture and facility tour)

(2) Laboratory visit (Rikejo lecture and experiential practice)

Characteristic of ADMIRATION SEMINAR

knowing deeply about the world of science

- Visiting to the science job site to improve their admiration for a science career
- Introduction concerning women's work-life balance, and striving to eliminate worries related science-based jobs
- Exchange of ideas with undergraduate / graduate students as familiar role models to increase motivation to progress a science career

ADMIRATION SEMINAR

Company visit



Laboratory visit



Characteristic of **AMBITION SEMINAR**

*Community-wide seminar open to the public
talking about Rikejo's future*

- Rikejo lecture
- Research presentation offered by junior high school students who attend “the next generation scientist training program”, and by SSH (Super Science High School) and SGH (Super Global High School) students
- In the World Café, participants enjoyed talking about “women’s role in social activity”

AMBITION SEMINAR

Presentation by high school students



World Café

individual career consultation



GOAL : Total number of participants



	Goal	Result in 2016	Result in 2015
Junior high	200	213	308
high	400	1104	517
parents	130	112	45
teachers	70	87	57

The number of participants exceeded the target as a whole

GOAL

All results exceeded the goal

Goal

Result

satisfaction degree is **90%<**



92%

increase in career consciousness
50%<



82%

increase in consciousness of care
support of parents/teachers **50%<**



78%

number of taking up to mass media
5 times



7 times

activities influence success of the program

- ① We gained cooperation from the Steering Committee, Venue High School and Board of Education to recruit participants
- ② A large number of undergraduate / graduate / international students participated in the program. They are familiar role models for junior and senior high schoolgirls, and improved young students' motivation to science career course
- ③ We aimed to disseminate information concerning the girls' selection of career paths widely in the community, and thus the Ambition seminar was held as an "open seminar" to the public where general citizens were invited to participate

CONCLUSION

- We have introduced our *science course selection support program for junior and senior high schoolgirls*, named **“Rikejo development program to foster dreams, admiration, and ambition”**
- Utilizing the resources of this region, we developed Nagasaki University model

Thank you very much for your attention

