

7. START-UP CREATION AND INNOVATION ECOSYSTEM DEVELOPMENT

1. PURPOSE OF THE COURSE

The purpose of the course is that the participants obtain the know-how and useful tools to establish a social system for recurring innovation (innovation eco-system) through the understanding of challenges and their solutions in Japan with a framework of the industry-academia-government (Triple Helix) partnership.

2. TRAINING PROGRAM

(1) Briefing, General Orientation and Japanese Language Program:

Briefing, The General Orientation and Japanese Program are organized at the Chubu International Center of JICA prior to the technical training, to assist participants in understanding Japan and adjusting themselves to life in Japan, and thus to facilitate effective training.

(2) Technical Training:

1) *Expected learning outcome of the technical training*

- i) To understand the local industry promotion policies in Japan, and the roles and responsibilities amongst industry, academia and government.
- ii) To understand the innovation creation mechanism, technology development, and formulation process of an innovation ecosystem locally through an industry-academic partnership.
- iii) To obtain fundamental/essential knowledge and information for entrepreneurship.
- iv) To understand the current situation and challenges of technology transfer from Japan to overseas.
- v) To obtain the know-how for entrepreneurship and administration through actual cases of start-up creation from universities and local collaboration.
- vi) To acquire the concept of enterprise management through concrete project works.
- vii) To generate value propositions on how to develop and strength the ecosystem in the region (Refer to the figure).

2) *Specific Contents*

- i) Attendance to lectures of Hiroshima University on business and management of technology (MOT)
- ii) Participation in the education program on entrepreneurship of Hiroshima University (1° Penguin Club)
- iii) Site visit to local enterprises and plants
- iv) Study on and visit to Japanese enterprises which have expanded their operation to Mexico
- v) Visit to Hiroshima prefecture government and other public organizations
- vi) Visit to and benchmark on other major science parks in Japan

- vii) Suggestion for the establishment of an ecosystem at Higashi Hiroshima Science Park
- viii) Participate in different activities to foster entrepreneurship carried under collaboration agreements between Hiroshima University and some Latin American Universities.
- ix) Attend to the international workshop and learn about some design thinking strategies for innovation.
- x) Elaboration on individual issues of each participant.

3) Final Report

Based on the research performed, the participants will be expected to compile the final report on their research and make a brief presentation at the end of the training. It is also expected that they include a value proposition of how to use the acquired knowledge in their field whenever they come back to Mexico. This process will be considered as the “Action Plan” to accomplish their outcome.



Figure 1. The innovation ecosystem sought by Hiroshima University involves the creation, development and strengthening of the networks between academia, government, industry and society, establishing a cycle of recurring collaboration between them. As a result, the creation of new and innovative venture companies will be possible. Likewise, the interest in expanding this collaboration network to Latin America not only favors internationalization, but also provides opportunities for both countries to incorporate new technologies and boost the economic growth of the local regions involved.

3. NUMBER OF PARTICIPANTS TO BE ENROLLED

Up to 4 persons

4. TRAINING DURATION

From April 1 to Early December, 2020

(1) Arrival in Japan

April 1, 2020

(2) Briefing

April 2, 2020

(3) General Orientation

From April 3 to 7, 2020

(4) Intensive Japanese Language Class

From April 8 to May 15, 2020

(5) Technical Training

From May 18 to early December, 2020

(6) Closing Ceremony (Presentation of Certificate)

Early December, 2020

(7) Departure from Japan

Early December, 2020

5. TRAINING INSTITUTION

(1) *Briefing / General Orientation / Japanese Language Program*

Chubu International Centre (JICA Chubu), JICA

4-60-7, Hiraike-cho, Nakamura-ku, Nagoya, Aichi, 453-0872, Japan

Tel: +81(*)-52(**)-533-0220 Fax: +81(*)-52(**)-564-3751

URL: <http://www.jica.go.jp/english/contact/domestic/>

(where “81” (*) is the country code for Japan, and “52” (**) is the local area code)

(2) *Technical Training*

1) JICA Chugoku International Center (JICA Chugoku)

Address: 3-3-1 Kagamiyama, Higashihiroshima, Hiroshima Prefecture 739-0046 Japan

Tel: 81-82-421-6310 Fax: 81-82-420-8082

URL: <http://www.jica.go.jp/english/contact/domestic/>

(where “81” (*) is the country code for Japan, and “82” (**) is the local area code)

2) *Hiroshima University, the Center for Collaborative Research & Community Cooperation**

*The above institution conducts technical training part of the program under the contract with JICA Chugoku.

1-3-2 Kagamiyama, Higashi-Hiroshima City, Hiroshima, Japan 739-8511

Tel: 81-82- 424-4302

URL: <https://www.hiroshima-u.ac.jp/en>

(where “81” (*) is the country code for Japan, and “82” (**) is the local area code)

6. CONDITIONS OF APPLICATION

- (1) Applicants should possess a basic knowledge of various innovation theories such as: design thinking, lean and open innovation.
- (2) As a rule, applicants should be **professionals who dedicate themselves to the creation of an innovation ecosystem** such as:
 - Scholars/researchers at Universities
 - Government staff in charge of innovation creation
 - Staff from private sector with experience in innovation (startup creators, entrepreneurship mentors, tech transfer staff, etc.)
- (3) Applicants must have good commands of English in terms of conversation/documentation for the successful completion of the course.
- (4) Applicants must be of sound mind and in good physical condition. (Pregnant persons are not recommended to apply due to the potential risk of health and life issues of the mother and fetus.)
- (5) Applicants must not be presently serving in the military.
- (6) Applicants must attach annex about the followings to demonstrate the ability to accomplish this course:
 - Educational background related to the course.
 - Work experience related to the course (if you are working on any specific project, please describe and explain what kind of skill you want to acquire through this course).

7. APPLICANTS MUST SUBMIT THE ANNEX WITH THE APPLICATION DOCUMENTS

ANNEX

Japan-Mexico Training Program for the Strategic Global Partnership 2018

Full Name	
Contact information	Tel. Fax. Email.
TOEFL Score	Total (PBT/CBT/iBT) test date: / /

Educational background related to industry-academia-government partnership / the social

system for recurring innovation (innovation eco-system).

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Describe the subject of your interest and explain what kind of skill you want to acquire through this course.

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Write your work experience.

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To participate in this course,

☐ I quit my job ☐ I keep my position at work ☐ Others ()

Explain how you would like to use your training experience on your return.

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Introduce yourself

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You must attach the certified list of subject items with the marks obtained in each subject issued by the university or institute of technology that you graduated from. And please check the documents with the below check list before submitting the

documents.

Check List

- ☐ Application form: Did you fill the all blank? Were there no doubts on your remarks in the document?
- ☐ Annex: Did you fill out the all blank?

Caution: If there is any mistaken in the documents, the applicant will not be accepted in this course.