



# 1. FY2015 Progress

[Name of project] (Adopted year: FY2015 Country (Latin America))

Post Urban Living Innovation Education and Research Program – PULI Program –

## ■ Exchange Programs

This program will combine the business planning and sales strategies that liberal arts students are good at with the technological development and application that science students are good at, create an organization like a corporate body tackling the challenges of urban living, and implement a variety of projects set with one of the below 3 SML sizes.

### 1. S (Smart House Design)

PULI001 Design Against for Crime –Design Against Crime in the Regional  
PULI006 Future House Lab. -Interior Design System in the Container House

### 2. M (Mobility & Energy Management)

PULI002 Hydrogen Station – Utilize Hydrogen Energy in the Future Region  
PULI004 Living Environmental Innovation -Improvement of the Living Environment

### 3. L (Landscape by Green)

PULI003 QOL in Overcrowded City –QOL Improved by Re-development Plan  
PULI005 Greening in the City –Greening Plan by Rooftop Greening and Vertical Farm



(Example of a Project Report in Mid-term PULI001 Design Against for Crime)

## Student-Mobility

### ○ Outbound

Upon the adoption of the program in FY 2015, we immediately implemented six main projects. Initially, it consisted of five projects, in which six students per project (except for one project which involved nine students), a total of 33 students, were scheduled to be sent. Later, another project was added to accommodate 35 students across the six projects. Two students from the Faculty of Letters and four students from Faculty of Law, Politics and Economics took part in the project, making the program a collaboration among four faculties and two graduate schools consisting of Faculties of Engineering, Horticulture and Letters, Law, Politics and Economics. Next year, College of Liberal Arts and Sciences and Faculty of Education will join the team to expand the project as a university-wide initiative.

### ○ Inbound

In FY 2015, six projects took place immediately after the adoption of the program. Initially, there were five projects, in each of which six to nine students were scheduled to enroll. Later, another project was added to the original five, totaling to six projects. In total, 36 students visited for short terms (less than three months) across six projects, in addition to six students staying for three months or longer. The increase in the number of participants is partly due to the unique university structure of Mexico, where campuses operate independently even if they are under the same university name. As a result, six additional students from the Monterrey Institute of Technology, having campuses in Mexico City and Monterrey, contributed to the expanded participation.

<Latin America >

	H27															
	Plan								Results							
	A	Bo	Br	Ch	Co	M	Pa	Pe	A	Bo	Br	Ch	Co	M	Pa	Pe
Outbound						27	6							30	5	
Inbound						30	9							36	6	

## ■ Forming the University Network with Quality Assurance

This program is carried out in collaboration with universities affiliated through inter-university exchange agreements. Therefore, two universities were added to the program after it was adopted, as these universities were still in the process of affiliation at the time of application for the grant. At the same time, we have prepared some new classes each for undergraduate and graduate courses for FY 2016 to ensure the program quality. New classes prepared for undergraduate courses include Global Business Planning, Global Technology Development, etc. Because all the students who took these classes in FY 2015 are still in the university in FY 2016, they are able to complete the program and are scheduled to receive credits after July 2016, in which month the project for Year 2015 completes. Students who took part in the Year 2015 program also received Certificates of Workshop Participation.

## ■ Promotion of Student-Mobility Environment

This university-wide program is organized mainly by the collaboration among the International Affairs Division, Education Planning Division, and Global Resources of the university headquarters. Four specialized staffs at ISD (International Support Desk) look after the enrollment of international students, and four staffs at Global Resources handle the sending Japanese students. The program is also led by 12 faculty members (two teachers per project). This enables the close communication and collaboration with the faculties of the affiliated universities. In FY 2016, the program has the support of SULA, a newly introduced function at the School of International Liberal Studies, who will provide course selection guidance and educational support. The exchange students will get further support by Japanese students in the program selected as tutors. Internship, a prerequisite for the program, was provided at six affiliated companies in Japan. It also took place in two companies in Mexico.

## ■ Internationalization of the university information disclosure and Publication of outcome

A new staff is now working at IEC Office of the University of Monterrey to reinforce the network in Mexico. We have also launched and run a website in English, which can be jointly updated by participating universities (<http://design-cu.xsrv.jp/puli/>). In addition to the website, we utilize various social media to disclose project information and publish results to boost recognition of the program. (<http://uedchibauniv.wix.com/leiproject> <https://m.facebook.com/PULITecCCM2016to2020/>) In particular, mid-term reports of the projects are available online in the form of video reports, offering a friendly insight to the program.

## ■ Notices

About 85% of the program consists of affiliation with Mexican institutes, with the rest (15%) in collaboration with Panama. Our university maintains a close tie with the embassies of Mexico and Panama in Japan. In January and March, Ambassadors of Panama and Mexico visited our university respectively to observe the program in progress. In Mexico, students and teachers in the program from both Japan and Mexico visited the Japanese Embassy in Mexico to introduce the program and report major achievements. Currently, we are in the process of involving about six more institutions in Mexico in this affiliation program to further expand it as an exchange program covering the entire region.



(We invited Mexico Ambassador Carlos Almada to WS at Chiba University)

## 2. FY2016 Progress

【Name of project】(Adopted year: FY2015 Country ( Latin America ))

Post Urban Living Innovation Education and Research Program – PULI Program –

### ■ Exchange Programs



〈PULI001 Design Against for Crime Field Work〉

This program will combine the business planning and sales strategies that liberal arts students are good at with the technological development and application that science students are good at, create an organization like a corporate body tackling the challenges of urban living, and implement a variety of projects set with one of the below 3 SML sizes.

In 2016/17, as in the previous academic year, we continued work on a total of six projects for each of the three scales given above. In particular, on PULI001 “Design Against for Crime”, we started cooperation with Japanese and Mexican security companies.

### Student-Mobility

#### ○ Outbound

In 2016/17, as in the previous academic year, we are implementing a total of six projects. In all, we sent 43 students for the program as a whole. Students from all levels (undergraduate, master’s and doctoral, mainly in letters, engineering and horticulture) took part, each forming teams to implement the program. In addition, we started a long-term internship program.

#### ○ Inbound

In Mexico and Panama, our partner universities are also implementing a total of six projects. In all, we accepted 44 students for the program as a whole. We implemented a diverse acceptance program based on the needs of the participating universities. These included short-term admissions ranging from two to six weeks, and medium- to long-term admissions lasting two months (equivalent to one term) or more. In particular, 11 exchange students from Latin America learned at Chiba University from 2 terms to 1 year.

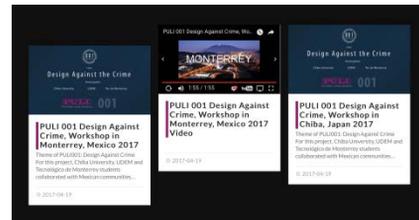
〈Latin America〉

	2016															
	Plan								Results							
	A	Bo	Br	Ch	Co	M	Pa	Pe	A	Bo	Br	Ch	Co	M	Pa	Pe
Outbound						42	9							37	6	
Inbound						51	18							38	6	

### ■ Forming the University Network with Quality Assurance

This program is being implemented only with universities with which we have entered inter-university exchange agreements.

For Japanese students, all related activities are treated as course subjects and they can get credits, as a rule. For overseas students, workshop participants were awarded credits by their own universities in Latin America. We discussed in advance that Chiba University could give credits to them as needed. Exchange students who learn for 2 terms can get more than 8 credits at Chiba University, which are later recognized as credits by their own universities.



〈PULI website〉

### ■ Promotion of Student-Mobility Environment

When accepting foreign students, various preparatory information is provided to the student by the IEC (International Exchange Center) office set up in the University of Monterrey in Mexico, enabling students to travel to Japan in reassurance. 2 amanuenses specializing in overseas student support also take good care of them during their stay in Japan.

For students sent abroad on the program, supervisors, amanuenses, and SULAs provide study guidance and living support. Risk management is also provided in collaboration with supervisors at the host institution as well as IEC office staff.

### ■ Internationalization of the university

#### Information disclosure and Publication of outcome

We have already added 2 universities to our program. IEC office at University of Monterrey is gathering information about Mexican and Panamanian universities. Now we are currently discussing with 3 universities, and two of them have already declared to participate in our program.

Program activities are frequently uploaded to the website of PULI program (<http://design-cu.xsrv.jp/puli/>). On the website, all information is provided in English, many movies on various activities are published continuously.

Besides this, activities in this program are also attracting attention in Mexico and Panama, where they have been introduced via the media.

### ■ Notices

We implement the program in close collaboration with the governments of Mexico and Panama through their embassies in Japan. Following from last year, ambassadors of the two countries came to observe a workshop in progress at this university. And the final report meeting for a project with a Mexican university, implemented in May 2017, was held at the Mexican Embassy in Tokyo. In future, we will continue to work closely with these institutions and develop the program. In Mexico and Panama, We report the progress of our program to the Japanese embassies every year. We can not only spread our program information but also get valuable information in both countries.

# 3. FY2017 Progress

【Chiba University】

【Name of project】(Adopted year: FY2015 Country ( Latin America ))

Post Urban Living Innovation Education and Research Program – PULI Program –

## ■ Exchange Programs

In this program, we combine the business planning and sales strategies that liberal arts students are good at with the technological development and application that science students are good at, then we create an organization like a corporate body tackling the challenges of urban living, and implement a variety of projects set with 3 SML sizes below:

### 1. S (Smart House Design)

- PULI001 Design Against for Crime
- PULI006 Future House Lab.
- PULI008 Future Lifestyle in Mexico
- PULI002 Hydrogen Station
- PULI004 Living Environmental Innovation
- PULI003 QOL in Overcrowded City
- PULI005 Greening in the City
- PULI007 Urban Greening Planning



〈Project report : Future House Lab.〉

### 2. M (Mobility & Energy Management)

### 3. L (Landscape by Green)

## Student-Mobility

### ○ Outbound

In FY2017, eight projects were implemented. As a result, we sent 52 students. Fourteen people also participated from the liberal arts and life sciences major. We will continue to implement attractive programs where various students can participate from all majors.

### ○ Inbound

In FY2017, we also accepted 63 students to eight projects. Two Universities are joined our PULI program from 2017. We have increased the four schools in FY2016 - FY2017, so we succeeded to accept more than 60 students.

<Latin America>

	2017															
	Plan								Results							
	A	Bo	Br	Ch	Co	M	Pa	Pe	A	Bo	Br	Ch	Co	M	Pa	Pe
Outbound						64	7							46	6	
Inbound						78	6							57	6	

## ■ Forming the University Network with Quality Assurance

This program is carried out in collaboration with universities affiliated through inter-university exchange agreements. In this time, two universities were added to the program. We accepted more than 140 students from these universities. On the other hand, we prepared some new classes each for undergraduate and graduate courses for FY 2016 to ensure the program quality. The new classes for undergraduate courses included Global Business Planning, Global Technology Development, Global Operations and Global Sales. Students who take part in the program receive Certificates of Participation and partner universities give the credit based on this certification. Moreover, we are planning the presentation of minor degree of this program in Graduate School.

## ■ Promotion of Student-Mobility Environment

This program is running as a university-wide scale, and five specialized staff at ISD (International Support Desk) look after the enrollment of international students, and four staffs at International Student Section and Super University Learning Administrator handle the sending of Japanese students. The program is also led by 14 faculty members (two teachers per project). This enables the close communication and collaboration with the faculties of the affiliated universities. Internship, a prerequisite for the program, was provided at six affiliated companies in Japan. It also took place in two companies in Mexico. Final Presentation FY 2017-2018 will be held on June 5th 2018 at the Mexican Embassy in Japan.

## ■ Internationalization of the university, Information disclosure and Publication of outcome

Two staff are now working at IEC Office of the University of Monterrey to reinforce the network in Mexico. We have also launched and run a website in English, which can be jointly updated by participating universities (<http://design-cu.xsrv.jp/puli/>). In addition to the website, we utilize various social media to disclose project information and publish results to boost recognition of the program. In particular, mid-term reports of the projects are available online in the form of video reports, offering a friendly insight to the program. <http://uedchibauniv.wix.com/leiproject> <https://m.facebook.com/PULITecCCM2016to2020/>

## ■ Notices

Almost 90% of the program consists of affiliation with Mexican institutes, with the rest in collaboration with Panama. Our university maintains a close tie with the embassies of Mexico and Panama in Japan. Ambassadors of Mexico and Panama visited our university respectively to observe the program in progress.

Mexican Embassy Officials visited our university to support the workshop. In Mexico, students and teachers in the program from both Japan and Mexico visited the Japanese Embassy in Mexico to introduce the program and report major achievements. We have received support from companies in 2017 and over 100 students studied abroad in total. In 2018, we plan to expand the student mobility, requesting support from the corporations, the Mexican government and the Panama government. We are requesting scholarships and other assistance for accepting students from each country at Chiba University. This scholarship realizes many students' study abroad. Also at the Japan-Mexico President's Meeting held in November, the results of the past have been announced. Currently there are inquiries from four universities in Mexico, and we are making final adjustments for participation.



〈Final Presentation 2017 at Mexican Embassy in Japan〉

# 4. FY2018 Progress

[Chiba University]

**[Name of project] (Adopted year: FY2015 Country ( Latin America ))**

**Post Urban Living Innovation Education and Research Program – PULI Program –**

■ Exchange Programs

In this program, we combine the business planning and sales strategies that liberal arts students are good at with the technological development and application that science students are good at, then we create an organization like a corporate body tackling the challenges of urban living, and implement a variety of projects set with 3 SML sizes below:

1. S (Smart House Design)

- PULI001 Design Against for Crime
- PULI006 Future House Lab.
- PULI008 Future Lifestyle in Mexico
- PULI002 Hydrogen Station
- PULI004 Living Environmental Innovation
- PULI003 QOL in Overcrowded City
- PULI005 Greening in the City
- PULI007 Urban Greening Planning



〈Project report : Future House Lab.〉

2. M (Mobility & Energy Management)

3. L (Landscape by Green)

## Student-Mobility

### ○ Outbound

In FY2018, eight projects were implemented. As a result, we sent 55 students. Eleven people also participated from the liberal arts and life sciences major. We will continue to implement attractive programs where various students can participate from all majors.

### ○ Inbound

In FY2018, we also accepted 100 students to eight projects. Two Universities are joined our PULI program from 2018. We have increased the five universities in FY2016 - FY2018, so we succeed to accept increasing number of students.

〈Latin America〉

	2018															
	Plan								Results							
	A	Bo	Br	Ch	Co	M	Pa	Pe	A	Bo	Br	Ch	Co	M	Pa	Pe
Outbound						66	6							49	6	
Inbound						95	8							90	10	

## ■ Forming the University Network with Quality Assurance

This program is carried out in collaboration with universities affiliated through inter-university exchange agreements. In this time, four universities were added to the program. We accepted more than 240 students from these universities. On the other hand, we prepared some new classes each for undergraduate and graduate courses for FY 2016 to ensure the program quality. The new classes for undergraduate courses included Global Business Planning, Global Technology Development, Global Operations and Global Sales. Students who take part in the program receive Certificates of Participation and partner universities give the credit based on this certification. Moreover, we started minor degree and certificate of this program in Graduate School from 2018.

## ■ Promotion of Student-Mobility Environment

This program is running as a university-wide scale, and four specialized staff at ISD (International Support Desk) look after the enrollment of international students, and 4 staffs at International Student Section and Super University Learning Administrator handle the sending of Japanese students. The program is also led by 16 faculty members (two teachers per project). This enables the close communication and collaboration with the faculties of the affiliated universities. Internship, a prerequisite for the program, was provided at six affiliated companies in Japan. It also took place in two companies in Mexico. Final Presentation FY 2018-2019 was held on March 5th 2019 at the Mexican Embassy in Japan. This FY was held final presentation adjust to Japanese Calendar.

## ■ Internationalization of the university, Information disclosure and Publication of outcome

Two staff are now working at IEC Office of the University of Monterrey to reinforce the network in Mexico. We have also launched and run a website in English, which can be jointly updated by participating universities (<http://design-cu.xsrv.jp/puli/>). In addition to the website, we utilize various social media to disclose project information and publish results to boost recognition of the program. In particular, mid-term reports of the projects are available online in the form of video reports, offering a friendly insight to the program. <http://uedchibauniv.wix.com/leiproject> <https://m.facebook.com/PULITecCCM2016to2020/>

## ■ Notices

Almost 90% of the program consists of affiliation with Mexican institutes, with the rest in collaboration with Panama. Our university maintains a close tie with the Embassies of Mexico and Panama in Japan. Ambassador of Panama visited our university respectively to observe the program in progress. We visited the Embassy of Mexico to report our PULI activities and ask continued support for our program. His Excellency Mr. Ritter Nobel DIAZ GOMEZ, Ambassador of Panama, has given us a lot of cooperation and contribution to this program. Chiba University has decided to award the Honorary Doctorate to His Excellency Mr. Ritter Nobel DIAZ GOMEZ. In Mexico, students and teachers in the program from both Japan and Mexico visited the Japanese Embassy in Mexico to introduce the program and report major achievements. We have received support from companies in 2018 and over 150 students studied abroad in total. In 2018, we plan to expand the student mobility, requesting support from the corporations, the Mexican government and the Panama government. We are requesting scholarships and other assistance for accepting students from each country at Chiba University. This scholarship realizes many students' study abroad. Also at the Japan-Mexico President's Meeting held in 2017, the results of the past have been announced. Currently there are inquiries from three universities in Mexico that they interested in PULI Program at the Japan-Mexico Lector's meeting in 2017, and we are making final adjustments for participation.



〈Final Presentation 2018 at Mexican Embassy in Japan〉

**[Name of Project](Adopted Year: AY2015 Country (Latin America))**

**Post Urban Living Innovation Program abbreviated as PULI**

**■ Exchange Program**

In this program, with the combination of business plans and sales strategies which “social science” students are good at and technical developments and their application which “engineering science” students are good at, we have established in the university an organization like a corporate entity addressing challenges in urban living and implemented various, colorful projects with setting 3 sizes such as S, M and L..

**1. S (Smart House Design)**

- PULI001 Design Against for Crime – Design for Preventing Crime in Future Residence and Community
- PULI006 Future House Lab – Interior Design System in Container House
- PULI008 Future Lifestyle in Mexico – Future of Mexican Culture and Lifestyle

**2. M (Mobility & Energy Management)**

- PULI002 Hydrogen Station – City Using Hydrogen Energy as Future Energy
- PULI004 Living Environmental Innovation – Living Environment Improvement in Redevelopment of Specific Region

**3. L (Landscape by Green)**

- PULI003 QOL in Overcrowded City – QOL Enhancement under Redevelopment Plan of High-Density Residential Area
- PULI005 Greening in the City – Greening Project in Urban Area/Proposal of Roof Greening and Vertical Farm
- PULI007 Urban Greening Planning – Urban Greening Planning



〈Exhibited Display by PULI001 Team〉

**Student-Mobility**

**○ Outbound** (Dispatchment of Japanese Students)

In AY2019, we carried out 8 projects which number was increased from the initial year. However, the total number of dispatched students remained at 35. Our on-campus PR campaigns have favorably resulted in the participation of 8 students from humanities/life science fields, increased to 25% of all participants. In and after the next academic year, we will continue to dispatch both undergraduate and graduate students as a common university-wide program.

**○ Inbound** (Acceptance of Non-Japanese Students)

In AY2019, we accepted 66 students through 8 projects as well. Although COVID-19 abolished 6 WSs and decreased 60 students, 4 coordinated universities were newly added and accordingly we have currently been able to accept students from 11 universities. With the new addition of 5 universities in total from AY2016 to AY2018 (Heisei 28th – 30th), we have succeeded in accepting students from a lot of universities as such.

< Student-mobility (Central and South America ver. ) >

	R1																
	Plan								Results								
	A	Bo	Br	Ch	Co	M	Pa	Pe	A	Bo	Br	Ch	Co	M	Pa	Pe	
Outbound						76	6								28	7	
Inbound						107	6								59	7	

**■ Efforts for Framework Building of Inter-University Exchange Program Associated with Quality Guarantee**

All universities participating in this program have entered into an inter-university exchange agreement. In this light, after the application of this project plan, 4 universities have been newly added to member universities upon their strong request of coordination arrangement made on the occasion of 2017 Japan-Mexico President Conference and others. We have accepted 240+ students in total from agreed universities including the said ones. Meanwhile, for the purpose of securing the quality of university programs, since AY2016, we have started offering 4 courses at the undergraduate program and 4 courses at the graduate program. Specifically, at the undergraduate program, the courses of Global Business Planning, Global Technology Development, Global Operation and Global Sales have been offered. We have given a certificate for participation to those students who have participated in the program and each university has given a credit to them. In the meantime, at the graduate program, we have given since AY2018 a degree in minoring Graduate School Global Practice Program titled “Post Urban Living Innovation” and its certificate. These are given to the students who have taken courses for 8 credits (4-7 credits for a certificate) in addition to credits required for the completion of their program. Such credits are allowed to be given to the students who entered the university in or after AY 2017.

**■ Promotion of Student-Mobility Environment**

This project is a university-wide one in which specialized staff members of International Support Desk (ISD) handle the acceptance of non-Japanese students while 4 SULA staff members in our Non-Japanese Student Division and College of Liberal Arts and Sciences deal with the dispatchment. As for the program, 16 full-time faculties (2 of them on average for each project) take care of it. These efforts have enabled thorough coordination with the faculties from other agreed universities. 2 specially appointed researchers at IEC Office in Monterrey, Mexico provide supports to dispatched students. Risk management is significant particularly in Mexico and Panama and therefore it needs to be addressed.

**■ Internationalization of the university, Information disclosure and Publication of outcome**

The network building in Mexico has been enhanced mainly by IEC Office of UNIVERSIADE DE MONTERREY in Mexico. In addition, they have established and run a website available to be renewed by participating universities (<http://design-cu.xsrv.jp/puli/>). Especially, video reports on this project are released on this website, making its contents more understandable to viewers. The information on this project is posted on the official website of Chiba University as well as the information on its other global-related programs. Further, we provide such information also on our university brochure and university summary, disclosing the information inside and outside Japan. Moreover, we have prepared a final report summarizing this project for the past 5 years (see right).

<http://uedchibauniv.wix.com/leiproject> <https://m.facebook.com/PULITecCCM2016to2020/>



〈Final Report〉

**■ Notices**

In this program, about 90 of its activities are conducted in coordination with Mexico and the remaining ones in coordination with Panama. Our university carries out such activities in close coordination with both Embassy of Mexico in Tokyo, Japan and Embassy of Panama in Japan. In October, a Japanese exhibition was held in Mexico where we made a presentation on the past outcomes of this project. Subsequently, we have been discussing the commercialization of a part of this project. Additionally, in March 2020, we held a final presentation session for overviewing this project in these 5 years at Embassy of Mexico in Tokyo, Japan with the presence of Her Excellency Ms. Melba María PRÍA Olavarrieta.



〈Final Report Session Held at Embassy of Mexico in Tokyo, Japan in March 2020〉