

## Report for JSPS – FAPESP Joint Research Workshop FY2017

Date 31 March ,2018

1. Title of Workshop Towards Sustainable Urban Energy Systems: Experiences from Asia and Latin America  
 URL <http://www.ceac.iae.kyoto-u.ac.jp/JointWorkshop.html>

### 2. Purpose of Workshop

The overall aim of this workshop is to a solid understanding of key policies and instruments which can be developed in order to boost the capacity of societies to establish a low carbon energy system in Asian and Latin American cities and achieve the local and global goals of sustainable development. The main aim of the proposed workshop is to discuss policy-oriented research on clean energy solutions in Asian and Latin American cities. The Sustainable Urban Energy System, which is proposed in this workshop refers to the development and implementation of policies and strategies that simultaneously contribute to addressing climate change and solving local environmental problems, which also have other development impacts. This workshop provides insights to a wide audience on successful ways to promote, design and implement the low carbon urban energy system in Asian and Latin American cities.

### 3. Period

From 01 Feb 2018 through 03 Feb 2018 (3 days)

4. Venue Institute of Advanced Energy, Kyoto University, Japan

### 5. Organization

#### (1) Cosponsors

Japan Side	Japan Society for the Promotion of Science (JSPS)
	Institute of Advanced Energy, Kyoto University
Brazil Side	São Paulo Research Foundation (FAPESP)
	Getulio Vargas Foundation (FGV)

#### (2) Coordinator

##### 1) Japan side

Name in full Hooman Farzaneh

Affiliation and Position Junior Associate Professor, Institute of Advanced Energy, Kyoto

University

2) Brazil side

Name in full        Jose A. Puppim de Oliveira

Affiliation and Position        Getulio Vargas Foundation (FGV), Management School of São Paulo (FGV/EAESP)

6. Program: Agenda, Topics, Related Activities (e.g., Reception, Excursion)

\*\*\* Please append the agenda and the program to this report.

The workshop program has been attached

7. Mentors and Participants

1) Number of Participants

	Lecturers	Participants	Others *	Total
Japan side	2	6	5	13
Brazil side	2	2	3	7
Other persons	0	0	0	0
Total	4	8	8	20

\*Please include the number of participants who were not supported by this program funding.

2) List

A: Mentors

Japan side

Name in full	Affiliation/ Institution	Position	Specialty
Aki Suwa	Faculty for the Study of Contemporary Society, Kyoto Women's University	Professor	Renewable energy policy, National-subnational environmental governance
Hideaki Ohgaki	Institute of Advance Energy, Kyoto University	Professor	Renewable energy

Brazil side

name in full	Affiliation/ Institution	Position	Specialty
José Carlos Barbieri	FGV/EAESP	Professor	Business Administration
André Pereira de Carval	FGV/EAESP	Professor	Social and Environmental Management

B: Participants

\*\*\* Please append the last version of participants list (Form 3) to this report form. \*\*\*

The participants list has been attached

8. Please describe the achievements of the workshop.

The workshop was built around a number of lectures from the expert speakers and young scholars in order to further explore best practices for sustainable urban energy system development. A hand-on exercise session was also provided in this workshop in order to provide training for the Urban *“Co-benefits Evaluation Tool”* that the coordinators of this workshop have jointly created to quantify the implications of low carbon scenarios in the urban transport sector. Through a combination of lectures and hands-on exercises, the participants tried to practice key policies and scenarios and extremely learned how to develop their own strategic plans.

The workshop helped both Brazilian and Japanese young researchers to open their minds to international network formation and widen their research activities to global scale in their early stage of research careers. Through the workshop, both Brazilian and Japanese participants shared the outcomes and the used methodologies in their studies each other, including clean technology and new assessing methodology used in both countries. This mutual understanding opened new chances for future collaboration in sustainable urban energy development in which the participants from both countries can work together. The workshop outcomes will be published from Springer.

## 平成29年度若手研究者ワークショップ 参加者リスト

平成30年 4月 4日

ワークショップ名: 持続発展可能な都市エネルギーシステムの構築-アジアとラテンアメリカの経験-

## 1. 日本側参加者リスト

No	姓	名	所属機関・部局	職名	所属国名 <sup>1)</sup>	備考 <sup>2)</sup>
No	Family Name	Name	Affiliation	Job Title	Country <sup>1)</sup>	Note <sup>2)</sup>
1	ファルザネ	フーマン	京都大学エネルギー理工学研究所	特定講師	日本	*
1	Farzaneh	Hooman	Institute of Advanced Energy , Kyoto University	Junior Associate Professor	Japan	
2	大垣	英明	京都大学エネルギー理工学研究所	教授	日本	*
2	Ohgaki	Hideaki	Institute of Advanced Energy , Kyoto University	Professor	Japan	
3	諏訪	亜紀	京都女子大学	教授	日本	*
3	Suwa	Aki	Kyoto Women's University	Professor	Japan	
4	FLORES URUSHIMA	Andrea	京都大学	助教	日本	*
4	FLORES URUSHIMA	Andrea	Kyoto University	Assitant Professor	Japan	
5	Isabel	Franco	国連大学	ポスドク	日本	*
5	Isabel	Franco	The United Nations University	Postdoctoral Research Fellow	Japan	
6	Miguel	Esteban	東京大学	准教授	日本	*
6	Miguel	Esteban	The University of Tokyo	Associate Professor	Japan	
7	小田	潤一郎	地球環境産業技術研究機構 (RITE)	主任研究員	日本	*
7	Oda	Junichiro	Research Institute of Innovative Technology for the Earth (RITE)	Senior Researcher	Japan	
8	亀井	未穂	地球環境戦略研究機関 (IGES)	研究員	日本	*
8	Kamei	Miho	Institute for Global Environmental Strategies (IGES)	Researcher	Japan	
9	Ai	Leon	京都大学	ポスドク	日本	*
9	Ai	Leon	Kyoto University	Postdoctoral Research Fellow	Japan	
10	Ranaporn	Tantiwechwuttikul	東京大学	博士課程学生	日本	
10	Ranaporn	Tantiwechwuttikul	The University of Tokyo	Doctoral Student	Japan	
11	Nigora	Djalilova	東京大学	博士課程学生	日本	
11	Nigora	Djalilova	The University of Tokyo	Doctoral Student	Japan	
12	JUNQUEIRA BOTELHO	ANTONIO JOSE	京都大学エネルギー理工学研究所	客員教授	日本	
12	JUNQUEIRA BOTELHO	ANTONIO JOSE	Institute of Advanced Energy , Kyoto University	Visiting Professor	Japan	
13	石原	慶一	京都大学エネルギー科学研究科	教授	日本	
13	Ishihara	Keiichi	Graduate school of Energy Science , Kyoto University	Visiting Professor	Japan	
14	McLellan	Benjamin	京都大学エネルギー科学研究科	准教授	日本	
14	McLellan	Benjamin	Graduate school of Energy Science , Kyoto University	Associate Professor	Japan	

1) 参加者が所属する機関の所在国を記入してください

2) 本ワークショップ経費にて参加される方については、備考欄に「\*」を記入してください。

## List of Participants for JSPS-FAPESP Joint Research Workshop 2017

Date: Apr 4, 2018

Workshop Title: Towards Sustainable Urban Energy Systems: Experiences from Asia and Latin America

### 2. List of participants on the Brazilian side

No	Family Name	Name	Affiliation	Job Title	Country <sup>1)</sup>	Note <sup>2)</sup>
1	Puppim de Oliveira	Jose Antonio	Fundacao Getulio Vargas	Professor	Brazil	*
2	Pereira de Carvalho	Andre	Fundacao Getulio Vargas	Professor	Brazil	*
3	Barbieri	José Carlos	Fundacao Getulio Vargas	Professor	Brazil	*
4	DE Magalhaes	Matheus Albergari	Fundacao Escola de Comercio Alvares	Assistant Professor	Brazil	*
5	Barbosa	Bruno	University of Sao Paulo	Postdoctoral researcher	Brazil	*
6	De Souza Noel Simas Barbosa	Larissa	University of Sao Paulo	Doctoral Student	Brazil	
7	De Paulo	Alex Fabianne	University of Sao Paulo	Doctoral Student	Brazil	
8	Mumtaz	Muhammad	Fundacao Getulio Vargas	Doctoral Student	Brazil	

<sup>1)</sup> Please write a country of affiliated institution.

<sup>2)</sup> Please put "\*" in this section when FAPESP/JSPS pays his/her expenses.

	A	B	C	D	E
<b>Organization of the workshop</b>					
The time allotted to each part of the program was appropriate	6	4			
The lecture and laboratory components were effectively linked	6	2	2		
The size of the classes was optimal	6	3	1		
<b>Lectures</b>					
Sufficient time was allocated for the lectures	7	4			
The lectures were useful in my research (interesting, stimulating and practical)	8	2			
The level of the lectures relative to my educational background and experience was optimal	7	2	1		
<b>Discussions</b>					
Sufficient time was allocated for the discussions	6	4			
The discussions were useful in my research (interesting, stimulating and practical)	9		1		
<b>Excursion (if applicable)</b>					
The excursion(s) was well organized	3	1	1		
The excursion(s) was educating and helpful for my research	4	1	1		
<b>Lecturers</b>					
Lecturers gave equal treatment to all the participants	8	1	1		
Lecturers respected the ideas, opinions and comments of the participants	8	1	1		
<b>Overall</b>					
I found my participation in the workshop to be meaningful	8	1	1		
I was able to create and expand working networks with other researchers by participating in the workshop	7	2	1		

