



BBChina

*Master Program
on Bio-Based Circular Economy*

Networking for Internships

Available Companies

Document Information

Project title and Acronym:	Master Program on Bio-Based Circular Economy: From Fields to Bioenergy, Biofuel and Bioproducts in China (BBChina)		
Programme:	Erasmus + Key Action 2 Capacity Building in the field of Higher Education		
Project Number:	586339-EPP-1-2017-1-IT-EPPKA2-CBHE-SP		
Start date:	15 October 2017	End date:	14 October 2021
Work Package:	WP06 – RECRUITMENT / Outcome 6.1		
WP Leader	P5 - ECUST	Coordinator	P1 - UNIFI
Dissemination level	Institutional level (Department/Faculty, Institution)		

Document History

Version	Date	Submitted by	Reviewed by	Notes
VER1	25/10/2019	UNIFI	ECUST	1 st version
VER2	02/12/2021	UNIFI	-	Update to include EoI received signed from NOVAMONT on 08/10/2021

INTRODUCTION	3
INVOLVEMENT MEANS	4
COMPANIES INDIVIDUALLY INVOLVED	4
INVOLVEMENT ON THE BASIS OF GROUPS/NETWORKS	5
LIST OF AVAILABLE COMPANIES	7
FURTHER INVOLVEMENT	11

Introduction

Networking for internships is part of the Activities of Work Package 6 (RECRUITMENT).

As soon as the syllabus of the Master Course was ready, Chinese HEI's operatives were committed to contact companies through the standard University channels to obtain availability for hosting reliable and active internships or project development for the thesis work to be performed from the second year on of the BBChina Master Program.

Meanwhile, the Associated Partner Chamber Of Commerce Italy-China involved its members operating in the Green Economy (Renewable Energies, Circular Economy, Waste Management etc.).

This activity is important also because the network established within the project with Chinese stakeholders (i.e. enterprises working in the biobased economy that host internships) can represent a strong basis for EU HEIs to establish new research projects and Industry/University cooperation activities.

The present document is a living document; it represents the actual status and it will be updated every once new companies are involved in the program.

Involvement Means

Companies have been involved in the network in different ways. Some of them are involved on the basis of an Expression of Interest, some others are involved since part of an already existing network with whom an agreement has been signed.

Companies individually involved

Four Companies have been involved on an individual basis. These companies signed an Expression of Interest (EOI) that was sent to the Coordinator.

Company's Name	Location	Web Site
Municipal Solid Waste Treatment Center of Changzhou	Changzhou, China	
Tianjin Jianchang Environmental Protection Co., Ltd.	Tianjin, China	www.tjjchb.com
Shanghai Tonggu Environmental Center	Shanghai, China	
Chongqing Yubang New Energy technology Co. Ltd.	Chengdu, China	

TABLE 1: COMPANIES INVOLVED ON AN INDIVIDUAL BASIS

Through the EOI the legal representative declares the interest of the Company he/she is representing to support the BBChina action by offering the possibility for students to host internships and/or period of the thesis to be spent during the last year of the BBChina Master Program on “Bio-Based Circular economy”. The aim of the period spent within their Company will be to get the students in touch with the working environment and to facilitate their transition from education to the labour market. The companies involved on an individual basis

are presented in Table 1. The Expressions of Interest received from them are available in Annex 1.

Novamont S.p.A.

Following the Staff mobility activity in Italy, in particular the visit of the Chinese Staff to the Novamont S.p.A. research Labs in Novara on October 7, 2019, contacts were established in between the BBChina partnership and NOVAMONT. The aim was to evaluate the possibility for NOVAMONT to host internships of selected BBChina students in Novara to lately involve in the Company activities in China.

The Pandemic events paused the negotiation, that started once again in Summer 2021 and led to the signature of an EoI on October 8, 2021. The actual implementation of the internship will be carried out as soon as the travel restrictions will make it possible to schedule it. In the meantime, an ideal candidate profile was delivered to the Chinese HEIs, in order to perform a pre-selection within the potential candidates.

The signed EoI is available in Annex 2.

Involvement on the basis of groups/networks

A memorandum of Understanding (MoU) was drawn up and agreed upon to establish the cooperation between the BBChina Consortium and the Camera di Commercio Italiana in Cina (CCIC). The main scope of the MoU is to facilitate BBChina students to get in contact with CCIC members operating in the Green Economy for a link with the Labour Market. This will be achieved through Internships or Master Thesis implementation periods to be spent in the involved

companies during the second or third year of the Master Program. The CIC members operating in the Green Economy Field are the ones joining the “Energy and Environmental Protection Working Group” (EEPWG) and/or the companies of the “Italian Energy and Environmental Protection Technologies and Management” (EEP) section. Through the signature of the MoU, these Companies are made available to offer to BBChina Students Internships or Master Thesis implementation periods.

The signed Memorandum of Understanding is available in Annex 3.

List of Available Companies

An updated list of the companies made available in the Network is presented in the tables below, where also a link of their activity to the single BBChina Course is presented (column Related Courses) where each course is referenced via its ID presented also in Table 5.

Company's Name	Location	Web Site	Related Courses
Municipal Solid Waste Treatment Center of Changzhou	Changzhou, China		01 - 02 - 06 - 11 - 12
Tianjin Jianchang Environmental Protection Co., Ltd.	Tianjin, China	www.tjjchb.com	01 - 02 - 06 - 11 - 12
Shanghai Tonggu Environmental Center	Shanghai, China		01 - 02 - 06 - 11 - 12
Chongqing Yubang New Energy technology Co. Ltd.	Chengdu, China		03 - 04 - 05 - 06 - 08 - 09
Area Impianti	Beijing, China	www.areaimpanti.it/en	01 - 06 - 08 - 09 - 11 - 12
Asja	Beijing, China	asja.energy	01 - 03 - 04 - 06 - 08 - 11 - 12
Bonfiglioli	Shanghai, China	www.bonfiglioli.com/china/zh	02 - 08
Caleffi	Beijing, China	www.caleffi.com.cn	02 - 04 - 06 - 08 - 12
Caprari	Shanghai, China	www.caprari.com	02 - 04 - 06 - 08 - 12
Cefla	Shanghai, China	www.cefla.com/en	08
CIB Unigas	Guangdong, China	www.cibunigas.cn	04 - 06 - 08 - 11 - 12
CNH	Shanghai, China	www.cnhindustrial.com	07 - 09 - 11

TABLE 2: INVOLVED COMPANIES AND RELATED COURSE(S)

Company's Name	Location	Web Site	Related Courses
Cofimco	Shanghai, China	www.cofimco.com/zh/	08
Decomar / YISMES	Chongqing, China	www.decomar.it	01 - 02
EEGEX	Beijing, China	www.eegex.com	09
Emak	Guangdong, China	www.myemak.com/int	06 - 08
Enel	Beijing, China	www.enel.com	03 - 04 - 06 - 08 - 09 - 10 - 11 - 12
Eni Lube	Shanghai, China	www.eni.com	07 - 08 - 09 - 10
Fila Dixon Stationery	Shanghai, China	www.filagroup.it	09
Fiorini	Shanghai, China	www.fiorinint.com	07 - 09 - 10
Giacomini Heating and Cooling Technology (Beijing) Co., Ltd.	Beijing, China	giacomini.cn	02 - 04 - 06 - 08 - 12
Hydroitalia	Beijing, China	www.hydroitalia.com	02 - 04 - 06 - 08
ILUM	Shanghai, China	www.ilum.it/index-ch.php	08
IMMERGAS (Beijing) Heating Equipment Co. Ltd.	Beijing, China	www.immergas.com.cn	06 - 08 - 11 - 12
In3act	Beijing, China	www.in3act.com/zh-hans/	09
Ivar Hvac System	Shanghai, China	www.ivar-group.com	04 - 06 - 11 - 12
Landi Renzo	Beijing, China	landirenzo.com/cn	11
Loccioni	Shanghai, China	www.loccioni.com	08 - 09
LS LIGHTING EQUIPMENT	Shanghai, China	www.ls-light.com	08
Monte dei Paschi di Siena	Beijing, China	www.gruppomps.it/en/	09
MORPH DESIGN AND CONSULTING	Shanghai, China	morph-dc.com	08

TABLE 3: INVOLVED COMPANIES AND RELATED COURSE(S)

Company's Name	Location	Web Site	Related Courses
NIDEC ASI INDUSTRIAL SYSTEMS	Beijing, China	www.nidec-industrial.com	04 - 06
Ongreening	Beijing, China	ongreening.com	08 - 09
Pieralisi	Beijing, China	www.pieralisi.com/cn	04
Progetto CMR	Beijing, China	www.progettocmr.cc	09
Prysmian	Beijing, China	cn.prysmiangroup.com	08
Reply	Beijing, China	www.tdreply.de	09
Riello	Beijing, China	www.riello.com/corporate	04 - 06 - 11 - 12
Röchling	Shanghai, China	www.roechling.com/cn/	07 - 09
Scame	Beijing, China	www.scame.com	06 - 07 - 08 - 12
Shanghai Kai Yun Feng Environmental protection technology	Shanghai, China		01 - 02
Shanghai Seves Glass	Shanghai, China	www.seves.com	08
Suzhou Naxon Energy	Shanghai, China	www.futurasun.com	06
Targetti Lighting	Beijing, China	www.targetti.com	08
Tenova	Beijing, China	www.tenova.com	08
UNIQUE	Guangzhou, China	www.unique-consulting.org	09
Textile Machinery (China) Co., Ltd.	Shanghai, China		02 - 06 - 08 - 12
EY Law	Milan, Italy	www.ey.com/cn	09
NOVAMONT	Novara, Italy	www.novamont.com/	01 - 02 - 03 - 05 - 07 - 09 - 10

TABLE 4: INVOLVED COMPANIES AND RELATED COURSE(S)

ID Course:	Course Title	Companies
01	Integrated Solid Waste Management	8
02	Wastewater Treatment: Theory and Technology	12
03	Bioreactor Engineering	4
04	Biomass process engineering for Bioenergy Production	12
05	Plant development biology	2
06	Biomass Energy: Technology and Application	20
07	Chemistry of carbohydrates	6
08	Renewable Energy Technologies	26
09	Bioeconomy, Energy Market and Green Market	18
10	Life Cycle Assessment	4
11	Combustion	12
12	Thermal Waste management and WtE technologies	15

TABLE 5: BBCHINA COURSES, IDS, TITLE AND NUMBER OF RELATED INVOLVED COMPANIES

Further involvement

Although no EoI or Mou has been signed, the following Companies were involved and supported the project implementation.

Shanghai municipal engineering design institute (Group) Co. Ltd provided internships opportunities to the BBChina students.

The following companies,

- Shanghai SUS Environment Co. Ltd,
- Welle Environmental Group Co. Ltd, and
- Shanghai Environment Group Co. Ltd

took part to the final event and organised employment events at Tongji University.

Dr.Enrico Palchetti
DAGRI – University of Florence
Piazzale delle Cascine, 18
I-50144 Firenze, Italy
Tel. (+39) 055 275 5800
e-mail: enrico.palchetti@unifi.it

Subject: expression of interest for hosting internships and/or period of the thesis to be spent during the last year of Master Program on “Bio-Based Circular economy” – BBChina EU Supported Project

Dear Dr.Palchetti,

following the invitation letter sent to us by Prof. Pinjing He at Tongji University on behalf of the BBChina Partnership, in my role of Chief Engineer of **TIANJIN JC ENVIRONMENTAL SERVICES CO.,LTD**, I the undersigned [**Xinqing Wei**]

declare the interest

of the Company I’m representing to support the BBChina action by offering the possibility for students to host internships and/or period of the thesis to be spent during the last year of the BBChina Master Program on “Bio-Based Circular economy”.

The aim of the period spent within our Company will be to get the students in touch with the working environment and to facilitate their transition from education to the labour market.

Looking forward to collaboration.

Yours Sincerely,
Xinqing Wei



Chief Engineer, TIANJIN JC ENVIRONMENTAL SERVICES CO.,LTD
501 Dagu-nanlu Road,Hexi District,Tianjin,P.R.China
Tel: 022-58192266; E-mail: wei.xinqing@tjchb.com



上海同固环境技术服务中心

Dr.Enrico Palchetti
DAGRI – University of Florence
Piazzale delle Cascine, 18
I-50144 Firenze, Italy
Tel. (+39) 055 275 5800
e-mail: enrico.palchetti@unifi.it

Subject: expression of interest for hosting internships and/or period of the thesis to be spent during the last year of Master Program on “Bio-Based Circular economy” – BBChina EU Supported Project

Dear Dr.Palchetti,

following the invitation letter sent to us by Prof. Pinjing He at Tongji University on behalf of the BBChina Partnership, in my role of Head of **Shanghai Tonggu Environmental Service Centre**, I the undersigned [Yuzhen Yu]

declare the interest

of the Company I'm representing to support the BBChina action by offering the possibility for students to host internships and/or period of the thesis to be spent during the last year of the BBChina Master Program on “Bio-Based Circular economy”.

The aim of the period spent within our Company will be to get the students in touch with the working environment and to facilitate their transition from education to the labour market.

Looking forward to collaboration.

Yours Sincerely,

Yuzhen Yu

俞玉珍



Head of Shanghai Tonggu Environmental Service Centre

50 Yutian Zhi Road, Shanghai 200092, P.R.China

E-mail: 56224413@qq.com



重庆渝邦新能源科技有限公司

Chongqing Yubang New Energy Technology Co., Ltd.

Dr.Enrico Palchetti

DAGRI – University of Florence

Piazzale delle Cascine, 18

I-50144 Firenze, Italy

Tel. (+39) 055 275 5800

e-mail: enrico.palchetti@unifi.it

Subject: expression of interest for hosting internships and/or period of the thesis to be spent during the last year of Master Program on “Bio-Based Circular economy” – BBChina EU Supported Project

Dear Dr.Palchetti,

following the invitation letter sent to us by Prof. Houfang Lu at Sichuan University on behalf of the BBChina Partnership, in my role of General Manager of **CHONGQING YUBANG NEW ENERGY TECHNOLOGY CO., LTD**, I the undersigned [JIE HUANG]

declare the interest

of the Company I'm representing to support the BBChina action by offering the possibility for students to host internships and/or period of the thesis to be spent during the last year of the BBChina Master Program on “Bio-Based Circular economy”.

The aim of the period spent within our Company will be to get the students in touch with the working environment and to facilitate their transition from education to the labour market.

Looking forward to collaboration, I remain

Yours Sincerely,

Jie Huang



General Manager, CHONGQING YUBANG NEW ENERGY TECHNOLOGY CO., LTD

E-3, Baisha Industrial Park, Jiangjin District, Chongqing, P.R. China

Tel: 023-47320392; Email: 2718128316@qq.com

地址：重庆市江津区白沙工业园 E-3

邮编：402289

电话：023-47320392

邮箱：2718128316@qq.com



Novara, 08th October 2021

Dr. Enrico Palchetti
DAGRI – University of Florence
Piazzale delle Cascine, 18
I-50144 Firenze, Italy
Tel. (+39) 055 275 5800
e-mail: enrico.palchetti@unifi.it

Subject: expression of interest for hosting internships and/or period of the thesis to be spent during the last year of Master Program on “Bio-Based Circular economy” – BBChina EU Supported Project

Dear Dr. Palchetti,
following the invitation received by the BBChina Partnership and the interest of NOVAMONT in the collaboration with the Chinese Universities involved in the Project, in my role of Strategic Planning & Corporate Communication Manager, I the undersigned Giulia Gregori

declare the interest

of the Company I’m representing to support the BBChina action by offering the possibility for selected students to host internships and/or period of the thesis to be spent during the last year of the BBChina Master Program on “Bio-Based Circular economy”.

The aim of the period spent within our Company will be to get the students in touch with the working environment and to facilitate their transition from education to the labour market.

It is understood that the effective actuation of the internship (i.e. selection of the candidate, place of the internship etc.) will have to be defined and agreed between the parties.

Looking forward to collaboration, I remain

Yours Sincerely,

A handwritten signature in black ink, appearing to read "Giulia Gregori".

Giulia Gregori
Strategic Planning & Corporate Communication Manager



UNIVERSITÀ
DEGLI STUDI
FIRENZE



BBChina
Master Program
on Bio-Based Circular Economy



Camera di Commercio Italiana in Cina
中国意大利商会
China-Italy Chamber of Commerce

MEMORANDUM OF UNDERSTANDING

between

Research Centre for Renewable and Alternative Energies - Department of Industrial Engineering of the University of Florence, Italy (UNIFI)

and

Camera di Commercio Italiana in Cina (CCIC)

This Memorandum of Understanding (hereinafter referred to as **MoU**) is drawn up and agreed upon to establish the cooperation between the **EU Consortium of the ERASMUS+ KA2 CBHE project: “Master Program on Bio-Based Circular Economy: From Fields to Bioenergy, Biofuel and Bioproducts in China”** (hereinafter referred to as **BBChina**), represented by the Research Centre for Renewable and Alternative Energies lying under the Administrative responsibility of the Department of Industrial Engineering of the University of Florence, Italy (hereinafter referred to as **UNIFI**), and the Camera di Commercio Italiana in Cina (hereinafter referred to as **CCIC**).

ARTICLE I. PURPOSE

The purpose of this MoU is to establish a formal partnership between the EU Consortia of the BBChina project (represented by UNIFI) and the members of CCIC operating in the Green Economy (Renewable Energies, Circular Economy, Waste Management etc.) for collaboration in the context of implementation of the BBCHINA project (October 2017 – October 2020, Annex 1 to this MoU).

ARTICLE II. BACKGROUND

The project BBChina, supported through the ERASMUS+ Programme and coordinated by UNIFI, is implementing a 120 ECTS equivalent Master Program on Bio-Based Circular Economy in three Chinese Universities: Tongji University (hereinafter referred to as TJU) and East China University of Science and Technology (hereinafter referred to as ECUST), both from Shanghai, and the Sichuan University of Chengdu (hereinafter referred to as SCU).

CCIC is involved in the BBChina as Associated Partner. Associated Partners have a limited role in the project, do not sign a mandate, as they do not receive a share from the project grant, and consequently, are not included in the list of partners annexed to the Grant Agreement. As from the Project Proposal, submitted on February 2017 and approved on August 2017, the role of CCIC, agreed during the submission stage,





is to help Chinese students to get in contact with Chinese Associated Industries for the link with the Labour Market through Internships.

This is represented by Outcome 6.1, "Networking for internships", of Work Package 6 of the BBChina (see an excerpt from the Project Proposal in annex 2 to this MoU), aiming to contact companies to obtain availability for hosting reliable and active internships to be performed during the second and third year of Master Course.

ARTICLE III. SCOPE

The scope of the present MoU is to facilitate Chinese students taking part to the BBChina Master Program at TJU, ECUST and SCU (hereinafter referred to as **BBChina students**), to get in contact with CCIC members operating in the Green Economy for a link with the Labour Market. This will be achieved through Internships or Master Thesis implementation periods to be spent in the involved companies during the second or third year of the Master Program.

Furthermore, it is also a scope the dissemination of the BBChina activities, objectives and results within the CCIC members as well as to make joint efforts to identify and develop additional cooperation and funding opportunities.

To achieve these goals, the involved parties of this MoU have agreed:

1. that CCIC will act as a trait-d'union in between the BBChina Consortium and its members,
2. that CCIC will facilitate the contact in between its members and the BBChina Students in order to achieve the scope of this MoU,
3. that CCIC members operating in the Green Economy Field, e.g. the ones joining the "Energy and Environmental Protection Working Group" (hereinafter referred to as **EEPWG**) or the companies of the "Italian Energy and Environmental Protection Technologies and Management" (hereinafter referred to as **EEP**) section, are available to offer to BBChina Students Internships or Master Thesis implementation periods to be spent in their company,
4. that the above-mentioned availability is non-binding and shall be mutually agreed upon, on a case-by-case basis,





5. that participating staff and students involved in any activities under this MoU must adhere to the law of the host countries and rules and regulations of the host institutions,
6. that the BBChina Consortium will support and collaborate to the achievement of the present scope,
7. that the BBChina Consortium will disseminate the results of the present MoU within its communication channels (e.g. BBChina web site, Conference presentations, related official events etc.),
8. that CCIC will disseminate the BBChina within the CCIC members,
9. that the involved parties will maintain an active and close communication on the planning and implementation of project activities within the BBChina, and
10. that the involved parties will make joint efforts to identify and develop additional cooperation opportunities.

A preliminary list of CCIC members involved is presented in annex 3 to this MoU.

ARTICLE IV. FINANCIAL ARRANGEMENT

As an Associated Partner of the BBChina, CCIC does not receive a share from the project grant.

UNIFI and the Partners of the BBChina project are assigned a budget for the project implementation, but expenditures are eligible only for a list of activities already defined at the submission stage, only if met by the BBChina project partners, and if incurred before the project conclusion, presently set to October 14, 2020. Furthermore, dissemination costs are eligible only if the related activities are carried out in the People's Republic of China.

In the light of the above, the involved parties of this MoU have agreed:

1. that all specific arrangements and plans for activities are to be negotiated and are dependent on the availability of funds,
2. that modalities of each type of collaboration, joint activities and financial aspects shall be mutually agreed upon, on a case-by-case basis, and





3. if necessary, to seek financial support from national and/or international organizations for the cooperative activities to be undertaken as stated under the terms of this MoU.

ARTICLE V. DURATION, TERMINATION, AND AMENDMENT

The Project BBChina is started on 15/10/2017 and it will close on 14/10/2020. Only under exceptional circumstances, one extension of the eligibility period of maximum 12 months, may be granted by the funding institution if it becomes impossible for the coordinator to complete the project within the scheduled period.

The first edition of the BBChina Master Program starts on September 2019 at TJU, ECUST and SCU, while the second edition starts on September 2020. These editions will run at least partially under the project implementation eligibility period. The second edition will close on June 2023.

In the light of the above, the involved parties of this MoU have agreed:

1. that this MoU will be effective from the date of signing by both parties up to June 2023, when the second edition of the BBChina Master Program will close and may be subject to extension by mutual consent in writing,
2. that either party may terminate this MoU by giving six (6) months advance notice in writing,
3. that the provisions of this MoU may be amended at any time with the mutual consent of the parties in writing, and
4. that the amendment, termination and expiration of this MoU will not affect the ongoing activities at the time of notification of amendment, termination, and expiration unless otherwise agreed between the parties.

ARTICLE VI. SPECIAL PROVISIONS

The involved parties of this MoU have agreed:

1. that the two parties will consult with each other and attempt to resolve disputes or misunderstandings that arise in the administration of this MoU or any subsequent associated agreement informally, and
2. that one party shall consult with and take approval of the other party to use the latter's name or logo, or the names of the latter's officials/faculty members for the activities and relevant results dissemination under this MoU, on a case-by-case basis.





UNIVERSITÀ
DEGLI STUDI
FIRENZE



BBChina
Master Program
on Bio-Based Circular Economy



Camera di Commercio Italiana in Cina
中国意大利商会
China-Italy Chamber of Commerce

ARTICLE VII. CONTACT PERSONS

For the purpose of administering this MoU, the following persons represent each party as the point of contact.

Maurizio de Lucia | Leonardo Nibbi
Project Responsible | Project Manager
Department of Industrial Engineering of the
University of Florence (UNIFI)
Italy
Tel.: +39 055 2758 775 / 781
Email: leonardo.nibbi@unifi.it

Emanuela Vizzarro
Office Manager
Camera di Commercio Italiana in Cina,
Shanghai Office (CCIC)
China
Tel: +86 86 21 61351313
Email: ccicmanagersh@cameraitacina.com

This MoU is prepared in two identical copies. Each party holds one original copy duly signed by the Director of the Department of Industrial Engineering of the University of Florence, Italy (UNIFI) and the President of Camera di Commercio Italiana in Cina (CCIC).

SIGNED FOR AND ON BEHALF OF

Department of Industrial Engineering of the
University of Florence, Italy (UNIFI)

Director, Benedetto Allotta

x

Date: 06/08/2019

Camera di Commercio Italiana in Cina
(CCIC)

President, Davide Cucino

Date:

Research Centre for Renewable and
Alternative Energies of the University of
Florence, Italy (UNIFI)

Director, Maurizio de Lucia

Date: 06/08/2019

