Agenda

Round Table

Presentation of Université Gustave Eiffel
Presentation o the COFUND Programme and CLEAR-Doc project

Questions and Answers

Next steps and conclusion of the Day

MEET OUR TEAM

Tarik Bourouina (ESIEE/VPR)

Scientific Coordinator

Virginie Etienne (VPI)

Project Manager& WP1 management

Jean-Luc Clément (VPR)

WP2 Selection Process

Eugenia Llamas (EIVP/VPI)

WP3 Communication

Fabienne Anfosso-Ledee (MAST)

WP4 Trainings

Antoine Frémont (VPR)

WP5 Ethics and Quality

Séverine Somma (DGS-SAC)

Admlinistrative Coordination

Serge Piperno (VPR)

Agnès Jullien (VPI)

Davide Lo Presti (UNIPA)

Chairman of the Supervisors' Board

Université Gustave Eiffel

UNIVERSITE GUSTAVE EIFFEL

A national university created January 1st 2020

FOUNDING MEMBERS

UP EM
A university

IFSTTAR
A research institute

Éa v&t
A school of Architecture

ESIEE PARIS
ENSG Géomatique
EIVP
3 Engineering schools

A MULTI-CAMPUS UNIVERSITY

BRUXELLES
PARIS
VERSAILLES
LILLE
MEAUX
BELFORT
NANTES
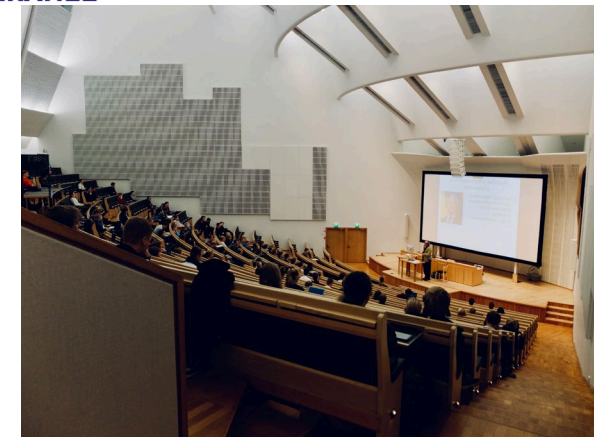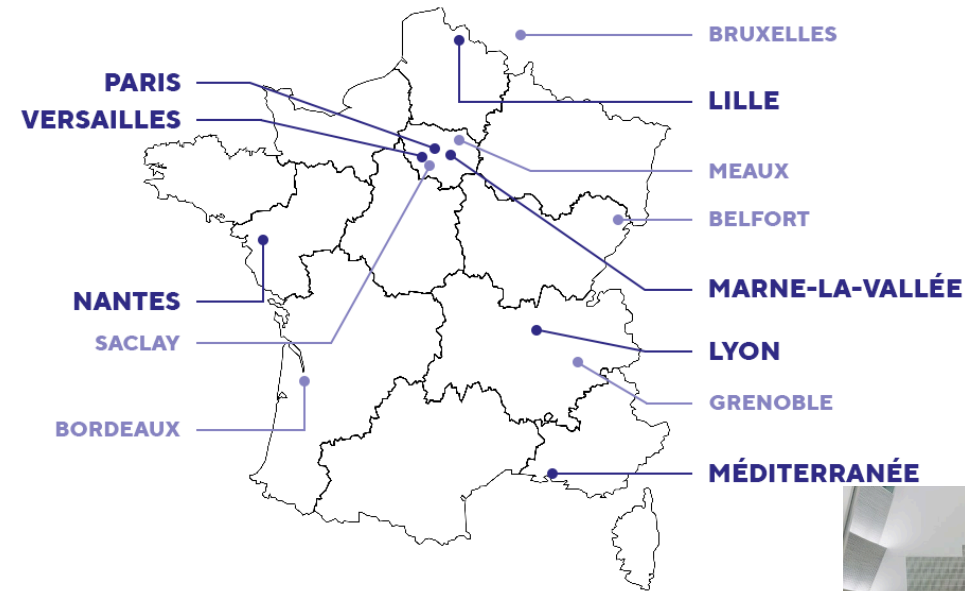MARNE-LA-VALLÉE
SACLAY
LYON
GRENOBLE
BORDEAUX
MÉDITERRANÉE

MISSIONS

Initial and lifelong education and **training**

Promotion of apprenticeship and **Professional integration** of students

- **Research** and **innovation**

International cooperation including European Research Area

Opening sciences to society

- Expertise for **local/national policies** and standardisation

One main thematic focus

Transformation and sustainable adaptation of cities and territories

5 **main scientific disciplines covered by our researchers and teachers:**

- Mathematics and computer science (22%)
- Social and Human Sciences (25%)
- Physical and experimental Sciences (20%)
- Arts, Humanities & Language (19%)
- Economics and business administration (14%)

KEY FIGURES

- **240 M€** annual budget
- **Over 50** world-class scientific facilities
- **Over 150** active patents
- **Over 250** ongoing research projects
- **Over 90** H2020 projects
- **Over 1.000** international peer-reviewed publications per year
- **Over 130** articles per year in the "top 10%" Leiden CWTS indicator

- **17 000** students
- **10%** of international students
- **3 500** apprentices
- **500** PhD students
- **1 200** academics
- **1 300** Admin. and tech. staff

Degrees covering all levels:

- Bachelors
- Masters
- Engineering degrees
- Architecture degrees
- PhD

Université Gustave Eiffel

23 Research Structures

* Materials and Structures

* Geotechnical, Environment, Natural Hazards and Earth Sciences

* Components and Systems

* Transport, Health, Safety

* Planning, Mobility, Environment

* Environment

* City

* Economics and business administration

* Social and Human Sciences

* Modelling and Digital Transition

cooperation agreements 92   **exchange agreements** (92)

structural partnerships (10)

LIA = Laboratoire international associé
IRP = International Research Project (outil CNRS)
IRN = International Research Network (outil CNRS)

CENTRE JACQUES CARTIER

Canada 6 20

IRP LAFCUS
LIA ECOMAT
LIA EVASYM
LIA ILABSPINE

LIA ASTI
LIA NEXTRIM
Institut INNOMOB

Russia 2 2

miceFA

USA 3 24

TRB

Japan 9 7

South Korea 3 3

Turkey 10

Tunisie 3 1
Morocco 10 1

Lebanon 1 1

Iran 1

China 6 3

Mexico 3 3

Algeria 2

India 3 2

Taiwan 3 5

Nigeria 1

Viet Nam 3 2

Colombia 1 2

Cameroon 1

Malaysia 1

Brasil 3 2

Singapore 1   IRN Sinergie

Peru 1 1

Institut des Amériques

Australia 1

Argentina 3 2

F'SATI
French South African Institute of Technology

ritem

irtad
International Traffic Safety Data and Analysis Group

Codatu

WORLD ROAD ASSOCIATION MONDIALE DE LA ROUTE

OECD
BETTER POLICIES FOR BETTER LIVES

AGENCE UNIVERSITAIRE DE LA FRANCOPHONIE

Université Gustave Eiffel

C

PIONEER UNIVERSITY ALLIANCE

- Uni Eiffel (lead)
- TH Köln - Cologne
- ISCTE - Lisbonne
- NTUA - Athènes
- LAUREA - Helsinki
- UNIZA - Zilina

LAU REA

iscte

Technology Arts Sciences
TH Köln

ETRA

ectri

FERSI
Road Safety Research

FEHRL

EURNEX   Humanist

Nearctis

eua EUROPEAN UNIVERSITY ASSOCIATION

European Association
EAEC
Erasmus Coordinators

CLORA

RÉPUBLIQUE FRANÇAISE
Liberté
Égalité
Fraternité

CAMPUS FRANCE

EUROPEAN TECHNOLOGY PLATEFORMS

ECTP
INNOVATIVE BUILT ENVIRONMENT

ERTRAC

alice

EUROPEAN NETWORKS CITIES AND REGIONS

POLIS

New Partnerships
2ZERO
CCAM
S2R2
DUT

Cooperation agreements (9)

Exchange agreements (152)

Iceland 1

Norway 1

Finland 5

Sweden 1

Estonia 1

Latvia 1

Lithuania 2

Danemark 1

United Kingdom 7

Netherlands 1

Belgium 1 4

Germany 20

Poland 9

Czech Republic 6

Slovakia 6

Switzerland 2

Slovenia 1

Hungary 5

Romania 8

Portugal 6

Italy 7 26

Croatia 1 3

Spain 29

Bulgaria 2

Greece 4

Université Gustave Eiffel
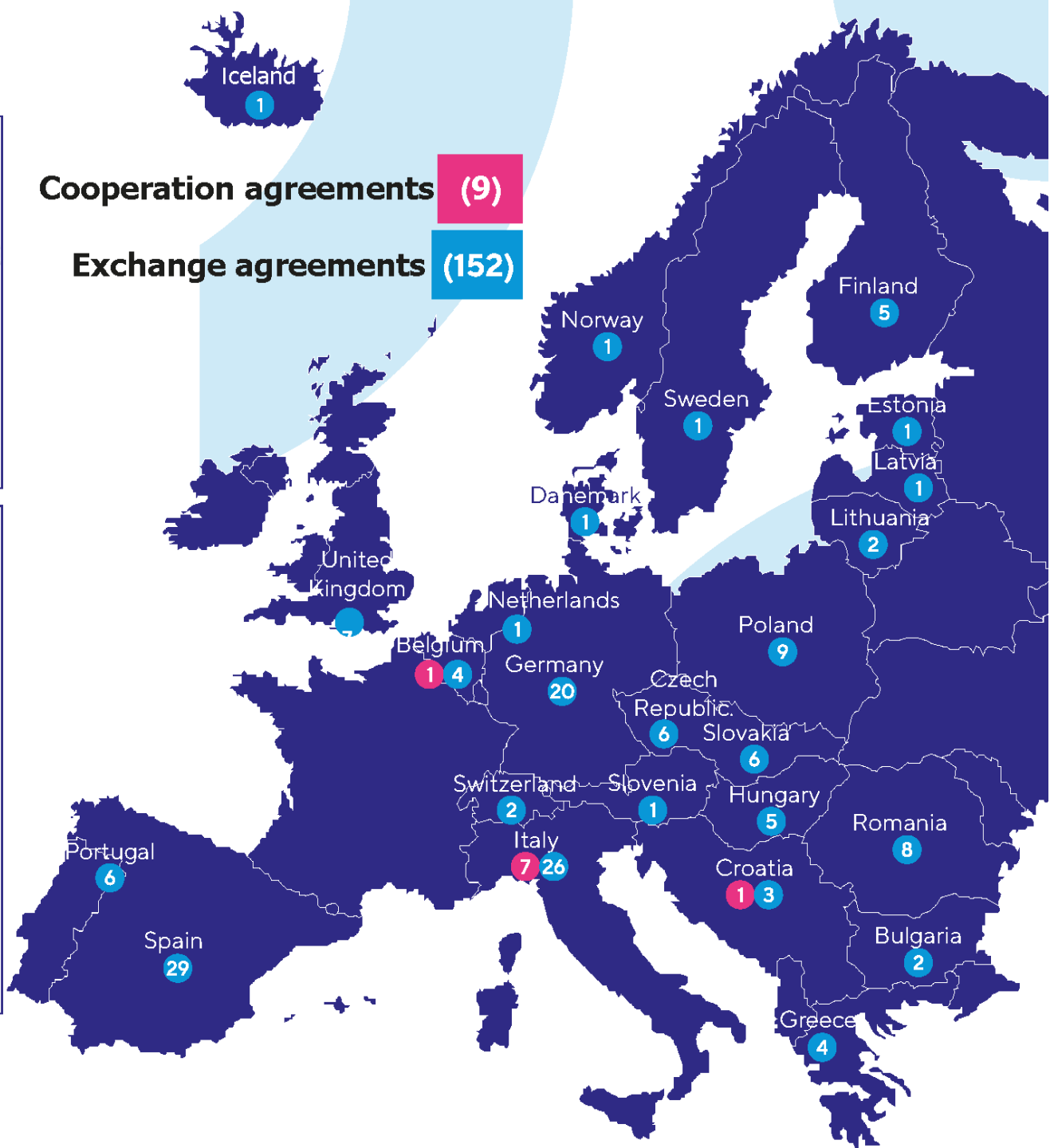
Over 50 world-class scientific facilities

WHAT IS THE MSCA COFUND PROGRAMME ?

The Marie Skłodowska-Curie COFUND aims at :

- Stimulating new or existing regional, national or international programmes
- Fostering excellence in researchers' training, mobility and career development

- Forge new mind sets and approaches to research and innovation work through interdisciplinary and intersectoral experience;

- Boosting research and innovation and strengthening of 3i collaborative networks ;

- Enhance networking and communication capacities with scientific peers, as well as with the general public, that will increase and broaden the research and innovation impact;

- Increasing the attractiveness of the participating organisation(s), and Europe as destination for research and innovation;

- Aligning of practices and policies in the context of the HRS4R, improvement in the working conditions, structuring of a stronger ERA;

- Supporting the practice of Open Science

CLEAR
DOC

Université
Gustave Eiffel

WHAT IS CLEAR-DOC PROGRAMME ?

CLEAR-Doc aims at attracting **30 promising early stage researchers** (PhD students) from around the world in the field of the "**City of tomorrow**" in order to improve their research capacity and soft skills through high quality and fair selection and supervision, allowing them to easily enter in the public or private employment market

- 2 worldwide calls (2022 and 2023), 30 (15+15) promising early stage researchers around the world in the field of the "City of tomorrow";

- Transparent international selection process with a focus on excellence and 3i aspects (interdisciplinary, intersectoral and international) of the thesis project;

- Attractive salary and research package for the PhD student and excellent supervision;

- 6 months secondment(s) in other countries and/or non-academic sector;

- Best practice for HR and soft skills trainings.

Eligibility condition - International recruitment: To apply, ESRs must not have spent **more than 12 months in France during the last 3 years**

CLEAR DOC

Université Gustave Eiffel

WHY FOCUS ON URBAN FIELDS FOR RESEARCH ?

Six curricula to address the challenges of the City of tomorrow :

C1 Civil engineering for carbon-neutral urban areas	**C2 Safety, security and risk management within the city**	**C3 Technology enhanced solutions for smart cities**
C4 Service design for future sustainable cities	**C5 Sustainable urban life and tourism**	**C6 Circular economy for urban citizens**

CLEAR DOC

Université Gustave Eiffel

SELECTION PROCESS CALENDAR

Call n°1	Call n°2
Internal call for subjects : April 2021 Deadline for thesis subject submission : 26 October 2021 Publication of list of thesis subject: November 2021	Internal call for subjects : April 2022 Deadline for thesis subject submission : 25 October 2022 Publication of list of thesis subject: November 2022
T0 : International Launch of call for Application : 10/01/22 (tentative : 15 Dec 2021) Submission deadline : 30 March 2022	T0 : International Launch of call for Application : Jan 2023 (tentative : 15 Dec 2022) Submission deadline : 30 March 2023
T1 : Selection of applicants short list for audition April 2022 - May 2022	T1 : Selection of applicants short list for audition April 2023 - May 2023
T2 : Audition of applicants June 2022	T2 : Audition of applicants June 2023
T3: Recrutments of 15 ESRs 1st Oct 2022 - 30 sept 2025 (36 months contract)	T3: Recrutments of 15 ESRs 1st Oct 2023 - 30 sept 2026

As discussed, we will try to adapt the calendar and advance T1 and T2 (to be confirmed)

CLEAR
DOC

Université
Gustave Eiffel

EVALUATION CRITERIA

Evaluation criteria in Stage 1 – Candidates' application file	Scores
1: Academic background and excellence of the applicant (based on CV): (a) Originality of appropriation of the research, clarity of the objectives, (b) Research experience, track record, (c) Education, qualifications, academic marks	max = 35
2: Strength and relevance of motivation (based on cover letter): (a) Feasibility within 3 years based on former experience, (b) Capacity to carry out the project and preliminary career plan, (c) Dissemination & exploitation plan	max = 35
3: Professional references: (a) Ability to work independently, (b) Quality of previous work performed and scientific curiosity, (c) Soft skills	max = 15
4: Career development of the applicant: (a) Past and planed diversity of research agenda, (b) Past and planed international experience, (c) Past and planed non-academic experience	max = 15
Rejection under 75/100 threshold. In case of equality, criteria 1 will prevail on criteria 2, then criteria 3 and then 4. The 60 best applications will be kept for the Auditions (20 per panel max.)	Total = 100
Evaluation criteria in Stage 2 – Auditions	Scores
1: Academic Excellence & Topic understanding: (a) Qualifications, experience, and research presentation, (b) Originality and clarity of the objectives & overall scientific understanding of the topic, (c) Methodological framework	max = 35
2: Motivation and professional project (oral): (a) Past and planed diversity of research agenda, (b) Past and planed international experience, (c) Past and planed non-academic experience	max = 40
3: Communication abilities and maturity of the applicant: (a) Quality and clarity of the presentation, (b) Fluency in English, (c) Quality of answers given to reviewers' question	max = 25
Rejection under 75/100 threshold. In case of equality, criteria 1 will prevail on criteria 2, then criteria 3. In case of equality, the score in the 1st stage will prevail.	Total = 100

OUR PARTNERS

35 academic and socio-economic partners
are to date involved in the project:

‣ 21 thesis co-funding
‣ 75 mobility places possible

Possibility of involving new partners who wish to co-finance
and / or host ESRs on the move (under conditions)
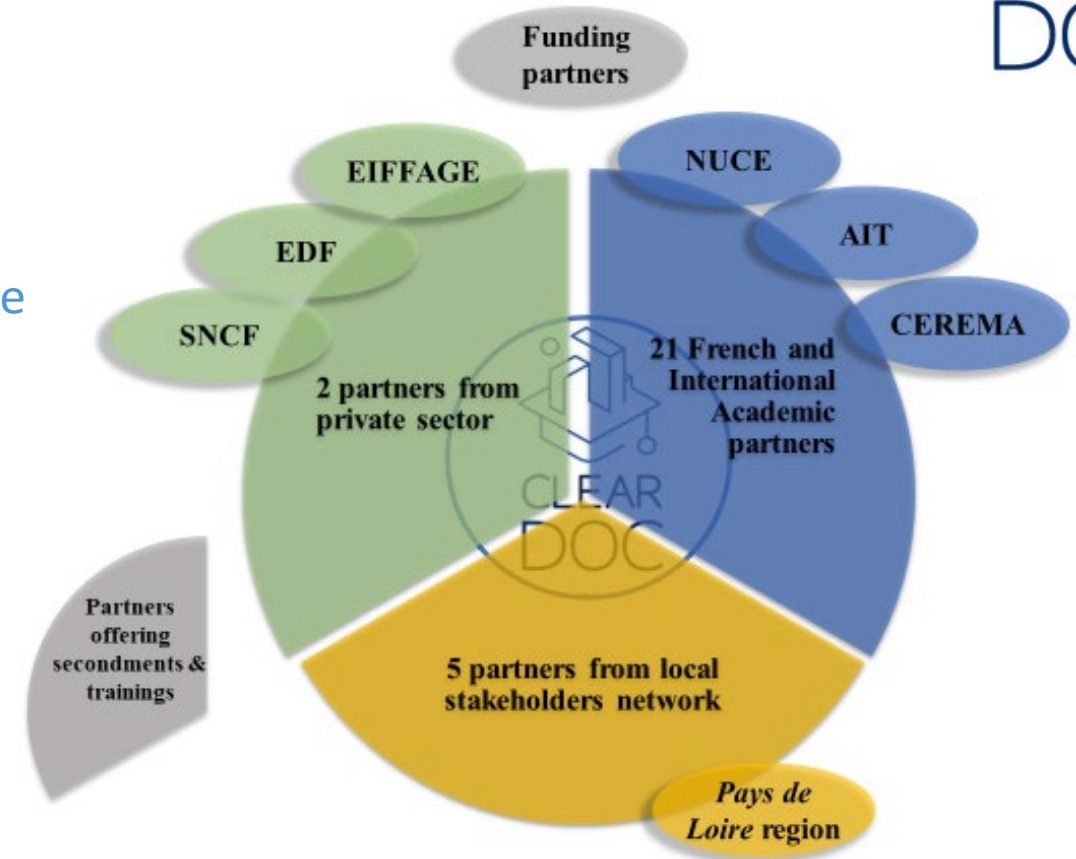
As discussed, any hosting partner can decide to become a cofunding partner enabling to be involved deeper in the superviosn arrangeemnts (longer hosting periods, joint supervision, cotutelle)

OUR PARTNERS

Table 5: Potential PhD supervising/hosting laboratories and partners' teams offered to ESRs

Interdisciplinary fields (Curricula)	UNI EIFFEL labs involved in thesis topics	Campuses and PhD annual offers and potential PhD supervisors	Academic partners	Non-academic partners
			(* = core group of co-funding partners)	
C1 Civil engineering for carbon-neutral urban areas	9 laboratories	Nantes, Marne la Vallée (MLV) 66 potential supervisors and 13 potential thesis topics	**CEREMA* (FR), NUCE* (VN),** IRSTV (FR), Centrale Lille (FR), UNIPA (IT), UC Davis (US), Uni NH (USA), Uni Sherbrooke (CA)	**Eiffage* (FR) SNCF* (FR) PDL-R* (FR)** ATOS (FR) Paris city (FR)
C2 Safety, security and risk management within the city	17 laboratories	Nantes, Lyon, Marseille 117 potential supervisors and 23 potential thesis topics	**CEREMA* (FR), NUCE* (VN),** IRSTV (FR), UNIPA (IT), ISCTE (PT), UNIZA (SK), UC Davis (US), UC Irvine (USA), Uni Tokyo (JP), Monash (AU)	**PDL-R* (FR) SNCF* (FR)** NOKIA (FR) Paris city (FR)
C3 Technology enhanced solutions for smart cities	9 laboratories	Versailles, MLV, Nantes, Lille 60 potential supervisors and 12 potential thesis topics	**CEREMA* (FR), NUCE* (VN),** IRSTV (FR), ISCTE (PT), CWTS (NL), UNIPA (IT), DLR (DE), UFSC (BR), UC Irvine (USA), Uni NH (USA), Uni Tokyo (JP), UFRJ (BR), NTUS (SG), Polytechmontreal (CA)	**EDF* (FR) SNCF* (FR) PDL-R* (FR)** ATOS (FR), NOKIA (FR), Paris city (FR)
C4 Service design for future sustainable cities	12 laboratories	Paris, MLV, Lille 82 potential supervisors and 16 potential thesis topics	**AIT* (AT), NUCE* (VN),** IRSTV (FR), ISCTE (PT), POLIMI (IT), UNIPA (IT), CWTS (NL), DLR (DE), UC Irvine (USA), Uni NH (USA), Polytechmontreal (CA)	**PDL-R * (FR) Eiffage* (FR)** NOKIA (FR), Paris city (FR)
C5 Sustainable urban life and tourism	10 laboratories	MLV 25 potential supervisors and 5 potential thesis topics	**NUCE* (VN),** ISCTE (PT), POLIMI (IT), UNIPA (IT), DLR (DE), CWTS (NL), IRCRES (IT)	**PDL-R * (FR) Eiffage* (FR),** Paris city (FR)
C6 Circular economy for urban citizens	6 laboratories	MLV, Nantes 25 potential supervisors and 5 potential thesis topics	**NUCE* (VN),** IRSTV (FR), ISCTE (PT), UNIPA (IT), POLIMI (IT), CWTS (NL), IRCRES (IT), UCDavis (US), UniNH (USA)	**PDL-R * (FR)** Paris city (FR)

NEXT STEPS

❑ Organize a match-making event early September between academic partners and researchers from Uni Eiffel
- Invite partners to send thesis topics to clear-doc@listes.univ-eiffel.fr

❑ Invite partners to participate at FUTURE Days 2021 as our CLEAR-Doc PhD students will be strongly involved in this annual international event

❑ Develop a communication kit for partners to disseminate the program within their institution

Université Gustave Eiffel

Virginie ETIENNE
Project Manager

For your questions and topics propositions :
Clear-doc@listes.univ-eiffel.fr

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