2020, January 1st
Creation of the University Gustave Eiffel

Board of Directors:

Prof Gilles Roussel (UPEM)
Dr Jean Mairesse (ESIEE)
Dr Helene Jacquot-Guimbal (IFSTTAR)
Dr Amina SELLALI (EAVT)
Dr Nicolas PAPARODITIS (ENSG)
Dr Franck JUNG (EIVP)

www.future-isite.fr/
Context

- National call for initiative in the education and research sector, international jury
- Spread of workforce force and small structures at the international scale
- Major challenges in sustainable cities

- Ifsttar part of the selected consortium together with 5 partners: New concept of National university with regional campus

- **Our objective:** in 10 years becoming a major actor for the production of innovative and disruptive knowledge dealing with the complex urban challenges and the proposition of breakthrough solutions
  - A very high level of interdisciplinarity
  - A multiscale approach (from lab to field pilot)
  - An unique network of world class research infrastructure and platforms
  - Joint innovation in cooperation with societal and economic partners
Already partners for a long time ... close to each other in the Paris territory

- Engineering school specialised in urban engineering (located in Paris City)
- Engineering school specialised in geoinformation sciences
- French national institute specialised in transport, planning, infrastructure and networks, civil engineering and natural risks
- 5 Regional implantations
- A multidisciplinary university
  - 40% of students in science and technology,
  - 25% in economics and management,
  - 20% in the humanities and social sciences,
  - 15% in art, literature and languages

- Advanced national institute of architecture
A nationally deployed university and several campus and world class research facilities

- Geotechnical centrifuge
- Pavement fatigue carousel (road traffic accelerator)
- Rail Traffic Simulator
- Instrumented cars
- Simulator
- Sense-City climatic chamber
- Vibration bench
- Strong floor for civil engineering structures
- Materials testing laboratories
- Test track
- Vibration bench
- Nantes
- Lyon-Bron
- Marseille-Salon de Provence
- Human models
- Dummies
- Transpolis test rig
Key figures of the University Gustave Eiffel

• **15,200** students
• **8,000** undergraduates (40% of them on vocational or apprenticeship programs)
• **6,700** Masters students (30% of them on vocational or apprenticeship programs)
• **530** PhD candidates
• **1,250** academic staff **490** of them full-time researchers
• **485** teaching/research staff
• **275** teachers
• **1,300** administrative and technical staff
International activities of the Gustave Eiffel University

• Networks:
  • Strategic/political
  • Research based
  • Education

• Partnerships:
  • MoUs, International associated laboratories, campus

• International teaching programmes and trainings
  • Mobilities of students and teachers
  • Foreign offices and training facilities
  • Launch the Institute of Advanced Urban studies
  • International Implantation & partners (campus F’SATI in South Africa)

• Actions for transversality
  • Multi partnership projects
  • Clusters: industry, Start-ups, Incubators, Government, Strategy
Bruxelles office main actions

- Strategic and informative benchmark
- Presence to strategic events and conferences in Brussels
- Contribution to the European strategy of members
- Concerted lobbying, networking, answers to EC public consultations
- Pooling of expertise between CLORA members
- Promotion of member's expertise at European level
Some present European cooperations

National networks
European level

GTN transport
GTN energy
GCTE

Transport
PCN - Horizon 2020

Erasmus+

Sweden = 9
Denmark = 7
LJK = 54
Netherlands = 25
Germany = 58
Czech Rep = 10
Austria = 9
Switzerland = 13
Portugal = 25
Spain = 42
Greece = 11

Italy = 44
Poland = 13
Hungary = 8

Some present European cooperations
Some present international cooperations

- **Canada**: 24
- **Algeria**: 10
- **Morocco**: 14
- **USA**: 125
- **Canada**: 34
- **Brazil**: 96
- **Chile**: 11
- **Russia**: 10
- **India**: 12
- **South Korea**: 11
- **Australia**: 18
- **China**: 44
- **Japanese**: 33
- **South Africa**: 7
- **LIA* ECOMAT**
- **LIA* ILABSPINE**
- **LIA* INNOMOB**

*LIA = International associated Laboratory

23 European and international networks (strategic or thematic levels)
Next steps

• By January 2020, Ifsttar will be called **Gustave Eiffel University (Université Gustave Eiffel)**

• Ifsttar’s Research topics and expertise will remain active

• Ifsttar’s international and European cooperation will remain active

• New cooperation will be possible:
  • Mobility of master students (ERSAMUS+...)
  • International courses, training

We will continue to enjoy collaborations with you .....
French Institute
of sciences and technology for
Transport, Development and Networks

2019 European and International Activities

Dr Agnès JULLIEN (agnes.jullien@ifsttar.fr)
Director of European and International affairs
23rd may 2019
IFSTTAR international networks

- ACI : American Concrete Institute
- ASC : American Society for Composites
- CODATU : Cooperation for urban mobility in the developing world
- FIB : International Federation for Structural Concrete
- IABMAS : International Association for Bridge Maintenance and Safety
- IABSE : International Association for Bridge and Structural Engineering
- IAPP : International Association of Applied Psychology
- ISSMGE : International Society for Soil Mechanics and Geotechnical Engineering
- IWA : International Water Association
- OECD/ITF/JTRC : Joint Transport Research Centre
- PIARC : World Road Association
- RILEM : International Union of laboratories and experts in construction materials systems and structures
IFSTTAR European networks

Contribution to European research programs
• ECTRI, FEHRL, FERSI
• ECTP/REfine, ERTRAC, ERRAC, ALICE
• JPI Urban Europe...
• High level transport advisory group
• On diverse fields: Transport, Materials, Nanotechnologies, Urban, Safety, ICT, SHS...

Main partner in “Virtual Centers of Excellence”
• Humanist, ISN, Eurnex, Nearctis, VPH, EECI (Hycon2)...

COST transport and urban development domain
IFSTTAR in European H2020 projects

Jan 2019: in 51 projects
5 as coordinator

Programmes
- Mobility for growth
- Galileo
- Fuel Cells and Hydrogen
- Research fund for Coal and Steel
- Scientific excellence

- Coordination and support action (policy)
- European Research Council
- Research and Innovation action
- MSCA-ITN
- Accompanying measures
- Innovation action
2020 forth coming INFRA-IA call?

Targeted call: H2020-INFRAIA-2-2020 "Integrating activities for starting communities"
Open on: 28/11/2019 - deadline 17/03/2020
one stage
budget: 110 millions € /
average budget per proposition = 5 millions

The European Commission looked at 3 main "criteria" for the infrastructure concerned in the INFRAIA projects:

- the user community
- international scientific outreach
- the number of people "impacted" by the equipment
Are you interested by a network of facilities users?
Please fill the questionnaire

Thank you very much for your attention

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