2020, January 1st

The creation of the University Gustave Eiffel

Presented by Dr Helene Jacquot-Guimbal (Ifsttar)
The 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
- Engineering school specialised in electronics, IT, data and networks, on-board systems, and network and production engineering
- Advanced national institute of architecture

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

French national institute specialised in transport, planning, infrastructure and networks, civil engineering and natural risks
5 Regional implantations
A nationally deployed university and several campus and world class research facilities

- Geotechnical centrifuge
- Pavement fatigue carousel (road traffic accelerator)

Rail Traffic Simulator (ERTMS)

- Lille-Villeneuve d’Ascq
- Nantes
- Lyon-Bron

Instrumented cars

- Simulators
- Sense-City climatic chamber
- Vibration bench

Instrumented vehicles

- Materials testing laboratories:
  - Sense-City climatic chamber
  - Materials testing laboratories:

Human models

- Dummies
- Transpolis test rig

Strong floor for civil engineering structures

Test track

Strong floor for civil engineering structures

Rail Traffic Simulator (ERTMS)
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
Some present European cooperations

National networks
European level

- GTN transport
- GTN energy
- GCTE

Transport
PCN - Horizon 2020

Erasmus+

Switzerland = 13

Belgium = 25

UK = 54

Netherlands = 25

Austria = 9

Sweden = 9

Poland = 13

Spain = 42

Italy = 44

Czech Rep = 10

Hungary = 8

Portugal = 25

Germany = 58

Denmark = 7

Greece = 11
Some present international cooperations

- USA = 125
- Canada = 34
- Morocco = 14
- Tunisia = 24
- Algeria = 10
- Russia = 10
- China = 44
- Japan = 33
- South Korea = 11
- India = 12
- Australia = 18
- Brazil = 36
- Chili = 11
- South Africa = 7

Number of bilateral cooperations with the country

23 European and international networks (strategic or thematic levels)

*LIA = International associated Laboratory
To sum up

• 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!
Board of Directors:
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