Tools for Enhancing and Assessing the Value of International Experience for Engineers.
The partners

1 UPM (Spain)

2 KTH (Sweden)

3 Ecole Centrale de Nantes (France)

4 UniTrento (Italy)

5 BME (Hungary)
Other Stakeholders

1. AENA
2. SIEMENS
3. ACCENTURE
4. French Embassy in Madrid
5. T.I.M.E. Network
6. DASSAULT SYSTEMS
7. CONINDUSTRIA TRENTO
8. Tekniska Högskolans studentkår
9. SYNERGIZER
OBJECTIVES

«Develop internationalisation strategies and tools for enhancing and assessing global competence for engineering students and alumni, promoting embedded mobility schemes and enforce their quality, and strengthen employability through cooperation across national and organisational borders. »
Identify the global competence (knowledge, skills and attitudes) needed by engineering graduates to work and communicate effectively in organisations and companies characterised by cultural and social diversity.

Develop a toolkit for assessing global competencies and the impact of training and international experience, thus enhancing quality assurance of education and international mobility.

Develop innovative and effective teaching and training strategies for students in higher education.

Develop strategies and forms for promoting employability that valorises the competences of engineering graduates with international experience.
INTELLECTUAL OUTCOMES

IO 1. Framework for Global Competence of Engineers

IO 2. Toolkit for assessing global competence of engineers, and the impact of training and international experience.

IO 3. Guidebook: Ways of enhancing intercultural competence building at HEIs

IO 4. Guidebook: How to improve the employability of engineering graduates with international experience through forums, job fairs and Job Networking Sessions. Case studies and best practices in Engineering schools
Methodology

Focus Group
Graduates or students performing or having performed international mobility in engineering degrees

Interviews
Corporate employers

Surveys

Rubrics
HEI training those graduates (faculty members, international offices and Governance Boards)
PROJECT MANAGEMENT PLAN
MAIN FIGURES

**A**
36 months

**B**
429.261 EUR.

**C**
16th October Kick-off meeting.

Risk Management Plan.

Quality Management Plan.

Communication Management Plan.

Project Reports.
MULTIPLIER EVENTS

All Results will be disseminated.

You will be invited to participated (Focus groups or surveys or interviews).

They will be held in five countries.

T.I.M.E. involvement.
Obj: Develop strategies and forms for promoting employability that valorises the competences of engineering graduates with international experience.

Result: Guidebook

Job Networking Sessions

Milan, May 28, 2018

Barcelona, October 15, 2018

Frédéric Dorel, ECN
The Job Networking Sessions
of the Ecoles Centrale and their T.I.M.E. partners
Milan, May 28, 2018
Barcelona, October 15, 2018

Frédéric DOREL
GEC Spain / Italy coordinator
What is the JNS project?

JNS is first and foremost a T.I.M.E. project within the T.I.M.E. Network.

2018: 2 events around the alumni and the professional world.

- 1 Job Networking Session (JNS) in Italy, Milan
- 1 Job Networking Session (JNS) in Barcelona

With the local T.I.M.E. Higher Education Institutions to meet the need to:

- promote **the double competencies of our graduates to international recruiting companies**
- enable the alumni to enhance their chances to start and develop successful careers.

**France**
Centrale Nantes, Centrale Marseille, Centrale Lille, CentraleSupelec, Centrale Lyon

**Spain**
UPM, ICAI, UPC, UPV, U. Sevilla

**Italy**
PoliMi, PoliTo, U. Trento, U. Padova
Why the JNS?

- The T.I.M.E. graduates are easily recruited
- Companies still do not give enough importance to the DD graduates’ singularities and do not hunt them specifically.
- A large pool of current students and alumni are willing to participate in job networking sessions in their home/host countries.
- 2 separate events gathering:
  > our DD graduates & graduating students
  > a selection of HR managers representing top companies in Spain (for Spanish/French graduates) and in Italy (for Italian/French graduates), for them to network with the objectives of internships and jobs.
- A full day of informative dynamic and interactive sessions (presentations, round tables, meetings, interviews)
  > Companies / HR managers
  > Alumni & students
  > HEI coordinators
- A formal session---including informal lunch---dedicated to short & swift meetings between students, graduates, HR managers in small simultaneous round-tables. Individually, the students present their CVs and expectations to the representatives of the companies, introduce themselves personally, network and discuss possibilities. HR managers also present their expectations and offers.
Specific features

What makes the JNS special?

- The JNS do not break with the various international Job Dating Days, Job Fairs and Forums organized by many institutions (in the GEC realm only: Shanghaï, Rio de Janeiro, Copenhague, Berlin, London, etc.).
- The JNS are complementary to the Job Fairs and Forums with several specific features, mainly in terms of communication:
  > A full and only T.I.M.E. event.
  > A full and only Double Degree event.
  > An emphasis on selected, exclusive, restricted population on both sides: HR managers and students/alumni. Few participants, tailor-made high level offers and expectations.
  > A full day of informative dynamic and interactive session from the HEI coordinators and the alumni to the companies to let them know the DD programs, and from the companies to present their projects and expectations.
  > A formal session—including informal lunch—dedicated to personal meetings between students, graduates, HR managers in small simultaneous round-tables. Individually, the students present their CVs and expectations to the representatives of the companies, introduce themselves personally, network and discuss possibilities. HR managers also present their expectations and offers.
  > At the end of each event, a questionnaire is circulated among the participants, especially the students about their results—internships and job—and the companies, in order to monitor:
    - the satisfaction level
    - the added value of the Job Networking Session
    - the registration fees companies are willing to pay to have access to so high-level profiles.
What should we expect? Objectives

- The REDEEM Alumni Survey:
  - only 42.3% of the T.I.M.E. graduates consider that they earn more thanks to the Double Degree.
  - 13% have applied for the T.I.M.E. Label Certificate, considering it as unknown by companies.

- Expected improvements expressed by graduates:
  - “gain more visibility”,
  - “marketing the programme at a global level”,
  - “extend network to companies […]”,
  - “communication to companies about T.I.M.E.”,
  - etc.

- After 30 years of successful granting of T.I.M.E. Double Degrees:
  - develop active communication towards recruiting companies
  - by giving them a direct privileged, exclusive and personal opportunity to meet our world-class engineers and executives,
  - for them to understand and assess the added value of the Double Degrees.

- Improving the various HEIs’ co-operations with international corporations, and improving their international corporate networks, the JNS project could be a way to promote:
  - Our graduates: powerful and highly experienced international operators.
  - Our French, Spanish and Italian institutions: powerful and highly experienced international HEIs.
  - Our Double Degrees: powerful and highly experienced international distinctions.
  - Our T.I.M.E. Network: powerful and highly experienced international network.
Who are we addressing? Target groups

Corporations:
- For a better knowledge of the DD programs,
- For a better access to the DD graduates: increased willingness to hire our DD students

Partner HEIs:
- For a more powerful promotion of the T.I.M.E. DD within in house communication, promoting innovative ways of education.
- For a better visibility by the local national bodies (ministries, consulates, embassies) and companies
- Tighter connections with international companies

Current DD students:
- To enhance their international cross-cultural experience
- To give them international contacts for a future internship or job
- To train them for job interviews

Alumni:
- To develop their networks,
- To enhance their careers.
Sustainability

- We propose to formalize this type of event, add specificities (no speed-dating for example, but lengthly conversation if necessary) and to give it a strong T.I.M.E. Network flavor.

- More companies will want more, and then will pay for our services. The system will be self-financed.

- Meanwhile, if this system ever comes of age, many various events of that kind may come to life, not only with the French GEC, but also within the whole T.I.M.E. Network all over the planet.

  > The 2018 Milan JNS took place on May 2018, with 15 companies including 2 start-up companies.
  > The 2018 Spanish JNS is currently being prepared in Barcelona with UPC

Deliverables:

- A second guideline of the organization of a Job Networking Session and on the monitoring of international recruitments for our DD graduates.

- A presentation of the JNS project at the 2018 T.I.M.E. General Assembly in Sao Paulo.

- A contribution to the UPM (Isabel Ortiz Marcos) Erasmus+ Project “TA VIE” on the added value of the DD in recruitments.
Why an application for a T.I.M.E. funding?

- The Job Networking Sessions project involves various T.I.M.E. members in France, Spain and Italy, and gathers them around the core objectives of the T.I.M.E. Association:
  
  > Deliver high quality combined education towards Double Degrees
  
  > Promote the added-value of the experience to recruiters in order to enhance our alumni’s careers
  
  > The organisation of good quality events requires a specific budget for logistics, catering, promotion and communication
  
  > The JNS are a powerful promotion tools for the T.I.M.E. network and study abroad philosophy.
Organization and costs 1/2

- **Italy: Milan, May 28, 2018**
  
  > Venue: Milano, the most industrialized area in Italy. COPERNICO CENTRALE MILANO, a business incubator welcoming the event.
  > Participants: 22 Italian & French and possibly other international T.I.M.E. network Double Degree graduates and students + alumni from our 5 partner HEIs + representatives of the 5 Centrale Schools + several DD students from additional T.I.M.E. HEI.
  > - Italian & French local and international companies (14)
  > - Officials, media.

- **Spain: Barcelona, October 15, 2018**
  
  > Supporting institutions: the UPC hosting the event, the French Consulate in Barcelona, French-Spanish Chamber of Commerce and Industry, the GEC’s Spanish partner HEIs sharing part of their company networks.
  > Venue: UPC.
  > Participants: 40 Spanish & French Double Degree graduates and students + Erasmus students + alumni from our 5 partner HEIs + representatives of the 5 Centrale Schools + several DD students from additional T.I.M.E. HEI.
  > Spanish & French companies (15?)
  > Officials.
Organization and costs 2/2

Morning:
> Welcome by the Embassy / Consulate and the institutions. Presentation of the companies. Round tables.

> Lunch together: personal contacts.

Afternoon:
> Job-dating rounds.

It is essential that all students and alumni can participate whereas they do not live in Milano or in Madrid: funding is necessary to help them with train or flight tickets. Same for the GEC and partners institutions members

For 100 people on each event:
€ 5,000: Renting the location event.
€ 12,000: Lunches and coffee breaks.
€ 1,000: Printing the JNS leaflets, communication and promotion.
€ 12,000: Train tickets (100 in Spain, 100 in Italy) and travel from the French/Spanish/Italian coordinators.
Total = € 30,000.

- Financial support from T.I.M.E.: € 15,000.

Thank you all!
Duration of the T.I.M.E. project

- 12 months.

- The preparation started in May 2016 (namely with the Spanish partners), was started in Italy in November 2016, and is currently in process.
- The JNS occurred in Spain on May 9, 2017
- The JNS occurred in Italy on May 12, 2017
- After both meetings, a debriefing period is needed in order to process and analyse the answers to the questionnaires and to write and produce the Guidelines and Good Practices booklets.
Key staff, THANK YOU!

- **France:**
  - **Centrale Lyon:** Ségolène Callard, GEC Scientific Coordinator for Italy; Marie-Françoise El Fassi, Centrale Lyon Coordinator for Spain
  - **CentraleSupelec:** Jocelyn Fiorina, Vice Dean of the International Relations Direction, CentraleSupelec Coordinator for Italy; Carine Morotti-Delorme, CentraleSupelec Coordinator for Spain
  - **Centrale Lille:** Steve Roskell, Centrale Lille Coordinator for Spain and Italy
  - **Centrale Marseille:** Guillaume Chiavassa, GEC Scientific Coordinator for Spain; Emmy Arts, Centrale Marseille Coordinator for Italy
  - **Centrale Nantes:** Frédéric Dorel, Office of International Relations - Deputy Director and T.I.M.E. coordinator: GEC Referring Coordinator for Spain and Italy

- **Spain:**
  - **UPM:** Juan de Juanes Marquez ETSII Vice-Dean for Students Affairs and International Relations; Isabel Ortiz Marcos Vicerrectora Adjunta para Planificación Académica e Internacional
  - **ICAI:** Damian Laloux Jefe de Estudios
  - **UPC:** Lucas Van Wunnik Vice-Director for Internationalisation ETSEIB
  - **UPV:** Arantxa Querol Monforte Vice Dean for International Relations ETSII
  - **U. Sevilla:** Maria-Angeles Martín Vice Dean for International Relations ETSII

- **Italy:**
  - **PoliMi:** Michela Gregori International Mobility Service; A. Schoonbrodt, International coordinator, PoliMi School of Design.
  - **PoliTo:** Alberto Godio Vice-Dean for International Relations
  - **U. Trento:** Marco Toffolon T.I.M.E. Coordinator marco.toffolon@unitn.it
  - **U. Padova:** PerFrancesco Brunello, Dean of the School of Engineering; Luisa Bortolini International Relations Office
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Rencontrez les recruteurs des plus grandes entreprises françaises et italiennes

organisé par Le Groupe des Ecoles Centrale et ses partenaires italiens du réseau T.I.M.E.

sous le patronage du CONSULAT GÉNÉRAL de France et de La CHAMBRE de COMMERCE et d’INDUSTRIE
2º INCONTRO
FRANCIA / ITALIA
Double Degree Engineers
Job Networking Session (JNS)
28 Maggio 2018
Copernico Milano Centrale

Il Gruppo delle Ecoles Centrale
CentraleSupelec

La Rete dei Top Industrial Managers for Europe

POLITECNICO
DI MILANO

Université des Sciences et des Techniques de Nantes

University of Trento

CENTRALE MARSEILLE

CentraleSupélec
MILAN Participating companies

- Auchan
- Biomerieux
- BNP Paribas
- Green Rail
- Crédit Agricole
- Edison
- Synergie
- Sopra Steria
- Kuki Cofresco
- Saint-Gobain
- Siram Veolia
- Alix Partners
- Akkademy
- Else
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Milan, May 28, 2018
Barcelona, October 15, 2018

Frédéric DOREL
GEC Spain / Italy coordinator
WE WILL KEEP YOU INFORM…

“ If you want to go quickly walk alone, if you want to go far walk with others”
Tools for Enhancing and Assessing the Value of International Experience for Engineers.

ISABEL ORTIZ MARCOS
TIME 2018