

a training of Top engineers with international ambition www.nplusi.com

Prof. Jean-Pierre TROTIGNON

« n+i » an International Network



A network of over 70 'Grandes Écoles' Postgraduate Engineering Institutes

Arts et Métiers ParisTech, Supélec, ENSEEIHT, Télécom Bretagne, ENS Mines Nancy, Polytech(s), INSA(s), ENSI ENS Chimie Bordeaux, Nancy, CF, ESTP, ENSMA, Telecom SE, Supmeca, ENSMM, Ecoles d'Agriculture...)

Located in over 40 cities in France

Paris, Lyon, Bordeaux, Toulouse, Nantes, Lille, Strasbourg, Bordeaux, Angers, Brest, Aix en Provence, Nice, Montpellier, Marseille, Metz, Nancy, Limoges, Clermont-Ferrand, Besançon, Rennes, La Rochelle

All Fields of Engineering

Energy, Building, Computer, Materials, Industrial, Agriculture, Environment, Food sciences, Civil Engineering, Telecommunications, Chemical Engineering, Mechanical Engineering, Information Technologies, Nanotechnologies, Nanotec

Objective of "n+i" Programmes



To train engineers with international ambition?

- >> A top training in sciences and technology
- >> To be fluent in English

- national
- +
- A training in Management of international projects
- >> Exposure to different cultures
- A good practice of one or two foreign languages
- Be creative and open-minded
- Preparation to <u>communicate</u>
- Prove autonomy and adaptability

international

High Tech in France



Energy

Building

Computer

Materials

Industrial

Agriculture

Environment

Food sciences

Civil Engineering

Telecommunications

Chemical Engineering

Mechanical Engineering

Information Technologies



Why Study Engineering in French?



- >> Programme offers an access to a <u>National degree</u>: Master's Degree (L M D), Bologna classification, recognized worldwide
- As a student in a <u>National degree</u> foreign student is treated as French student (tuition fees, insurances, etc.)
- Possibility to get scholarships from the French Government
- >> Programme provides a gentle introduction not only to French academic system but also to the French culture. It is a complete cultural and linguistic exchange with French students
- >> French is used by many people worldwide and there are 53 French speaking countries on 5 continents, which means proficiency in French is a valuable career asset



www.nplusi.com

- >> Curriculum, Degree, "n+i" programmes
- >> Real Costs
- >> Funding, scholarship

A simple way to apply



The Réseau « n+i »



- >> 70 « Grandes Écoles » Postgraduate Engineering Institutes in France
- All fields of Engineering (Agriculture, Chemical, Mechanical, Civil, Biotechnologies, Materials, Environment, Processing, Electronic, Computer, Industrial, Food sciences, Information Technologies, etc... over 250 key words)
- 9 000 'post-graduate' students per year (30 000 students in total)
- >> Over 300 Research laboratories
- >> 2500 PhD Students
- >> Cooperation with more than 40 countries
- >> Training in over 250 fields of engineering



Some figures of « n+i »

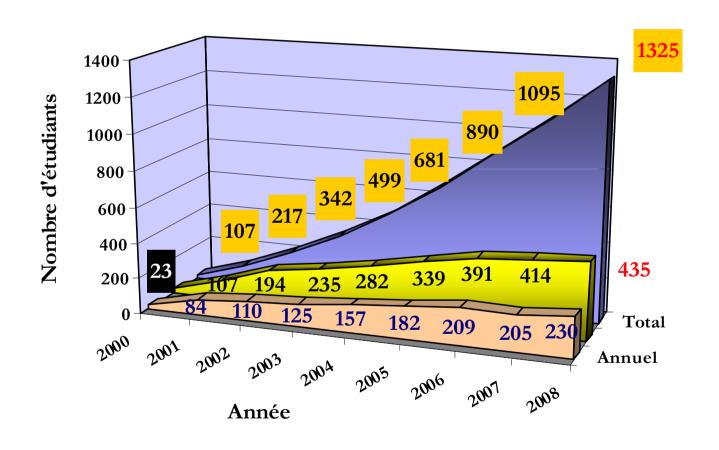


- Most important French network of "Grandes Ecoles" covering all fields of engineering (Supélec, Arts et Métiers Paristech, ENSEEIHT, Télécom Bretagne, INSA's, Polytech's, ENS Mines Nancy, ESTP, Supméca, ENS Chimie Clermont Ferrand, Nancy, Bordeaux..., ENSMM, ENSIL et ENSCI Limoges, ENSISA, ENSAIT ...)
- Partnerships with the best universities in the world (over 80 agreements with Japan, Australia, China, Iran, India, South Korea, Russia, Greece, Romania, Hungary, Thailand, Jordan, Mexico, Argentina, Taiwan, Ukraine,)
- Scholarship fund of € 1 million from companies in 2009 such as Total, Michelin, ST Microelectronics, Rhodia, Dassault systèmes, EDF, PSA, Faurécia, Thomson, Lafarge, Saint-Gobain, France Telecom, MacaoWater, Rockwell Collins, Danone, Bouygues, Soletanche, etc.) Special scholarship fund from Companies with French Ministry of foreign and European affairs
- >> In 2009, over 450 Students in France from 35 countries

Some figures of « n+i »



Number of « n+i » students since 2000



Packages for Integration a track to success! (linguistic, cultural and methodological packages)



One originality of the "n+i" organization is to help the foreign students to adapt themselves to the French education scheme and to be mix with French students.

We manage, with students, all the practical aspect of the stay in France in order to help the students to complete their studies with success,

To do so, we recommend to students, a Package for "Integration" composed with three integrated packages depending on the level in French of each student.

The package for "Cultural integration" (PIC, welcome and assistance)

>> The package for "Linguistic Integration" for intensive course of French for beginners (PIL)

>> The package for "Methodological integration" as a semester of transition (PIM)

Packages for "Cultural Integration"



The package for "Cultural integration" (welcome and assistance) as a quick and guided discovery of the way of living in France with a linguistic touch after a personal welcome (Compulsory with package "PIM"). Mixed classes, with local students (both ways of exchanges)

The « welcome » package includes all the following assistances:

- >> Pick up at the door of the plane,
- >> Accommodation
- >> Insurance in your name.
- >> Full assistance, tutoring
- >> Insurance,
- >> Transfers.....



Packages for "Linguistic Integration"



The package for "Linguistic integration" (Mise à Niveau en Français) for intensive course of French for beginners (but also others) during the months preceding the beginning of the engineering training.

>> The package for "linguistic integration" (Intensive course in French, Mise à Niveau en Français) enables beginners to get up to speed before the start of the program,

>> The summer course is taught in France from mid-July up to mid-September in professional organizations,

>>> Students should begin learning French before they arrive in France, to demonstrate their commitment to studying in France and improve their chances of success.

Packages for "Methodological Integration"



The package for "Methodological integration" (PIM) for semester of transition is:

- >> a period of methodological and academic adaptation
- >> having also a linguistic component which allow a better adaptation,
- a special training included to the curriculum and which do not induce any supplement of time,
- a period of cultural and language adjustment which allows students to gain confidence and also learn about French teaching methods,
- >> Exemptions are possible depending of the level in French

Two Packages are available:

<u>Full package</u>: special tailored period for foreign students, but credited as a regular semester for the degree.

<u>Local package</u>: a regular semester, alongside French students, in one engineering Colleges but with <u>special tutoring and assistance</u>.

3 possibilities depending of the background of the student: Full package, Local package or Exemption (decision made by the college)



Scheme

Training in France

Welcome at Paris Airport
4-day introduction to France





Scheme

Training in France PIL

Beginning of the **Engineering** studies in September

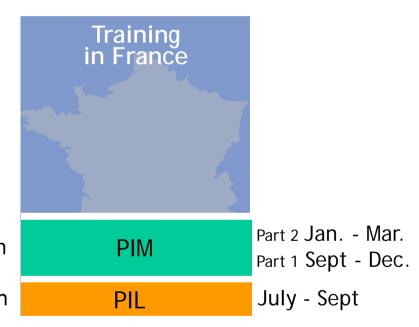
July - Sept

Intensive courses of French





Scheme



Semester of Transition

Intensive courses of French





Package for "methodological integration"



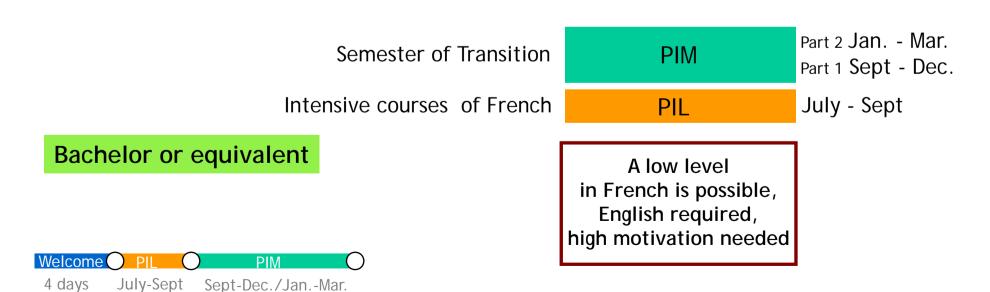
Semester of Transition

Intensive courses of French



Package for "methodological integration"

- Tailor-made courses for non-French speaking students
- Small groups of international students per topic
- Students can ask questions and get answers in English
- Personal tutoring
- Courses of French vocabulary of the topic
- >> Extra-university activities with French students





Official Master's Degree(s) in 2 Years

Master's «Degree



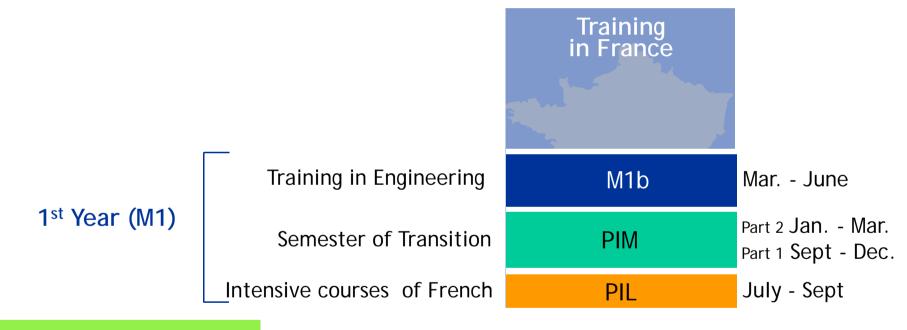
Semester of Transition

Intensive courses of French



Official Master's Degree(s) in 2 Years

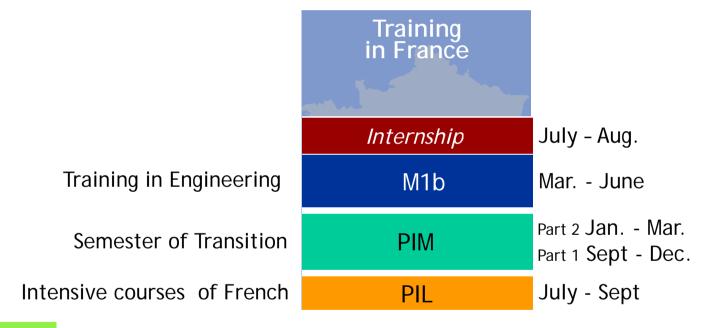
Master's «Degree





Official Master's Degree(s) in 2 Years

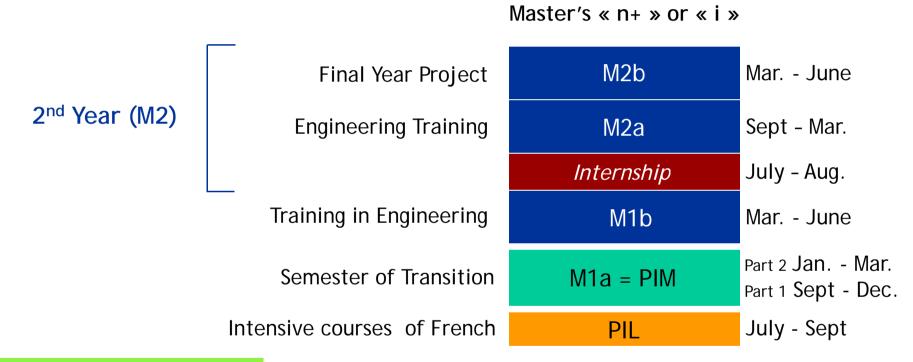
Master's «Degree





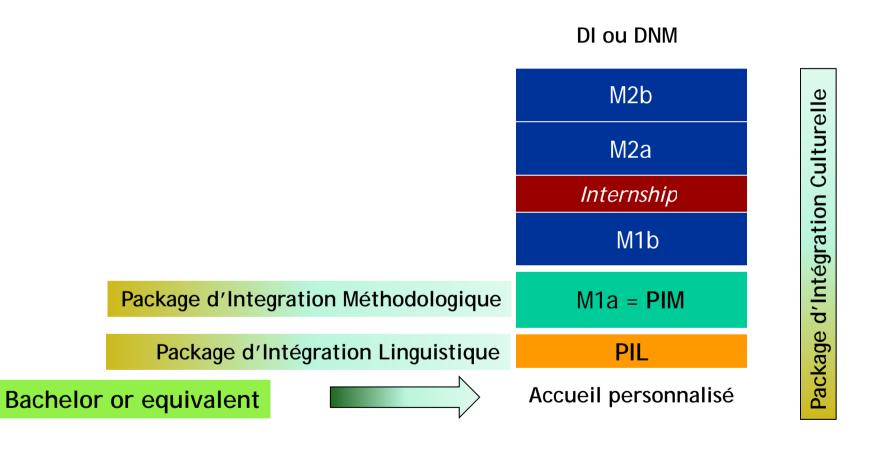


Master « n+ » or Master « i » in 2 Years



Diplôme d'Ingénieur ou Master DNM en 2 ans





Welcome

Two main Programmes « n+ » and « i »



Master's Degree « n+ »

Programme in 2 Years

Master's Degree « i »

Programme in 2 years

National Masters Degrees

<u>European standard</u>, World wide recognized
Access to Doctorate
Same degree as French students
Accredited by national committees
Work permit

- >> To train Managers of projects, of engineering...
- » Diplôme d'Ingénieur
- Accredited by CTI
- >> " n+ " means Master with Honours
- >> Funding from France (Scholarships)
- >> Rigid format of 2 years

- Professional and/or specialized training,
- Accredited by AERES
- >> Double degree
- Possible recognition of prerequisites (flexible)Ex: 1 year in France M2
- >> Sponsoring from companies





Master « n+ » or Master « i » in 2 Years

Master's « n+ » or « i »

2nd Year Master (M2) in 24 months

M2b

M2a

Internship

M1b

M1a = PIM

PIL

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A fund of € 2 Million for scholarships in 2009

www.nplusi.com



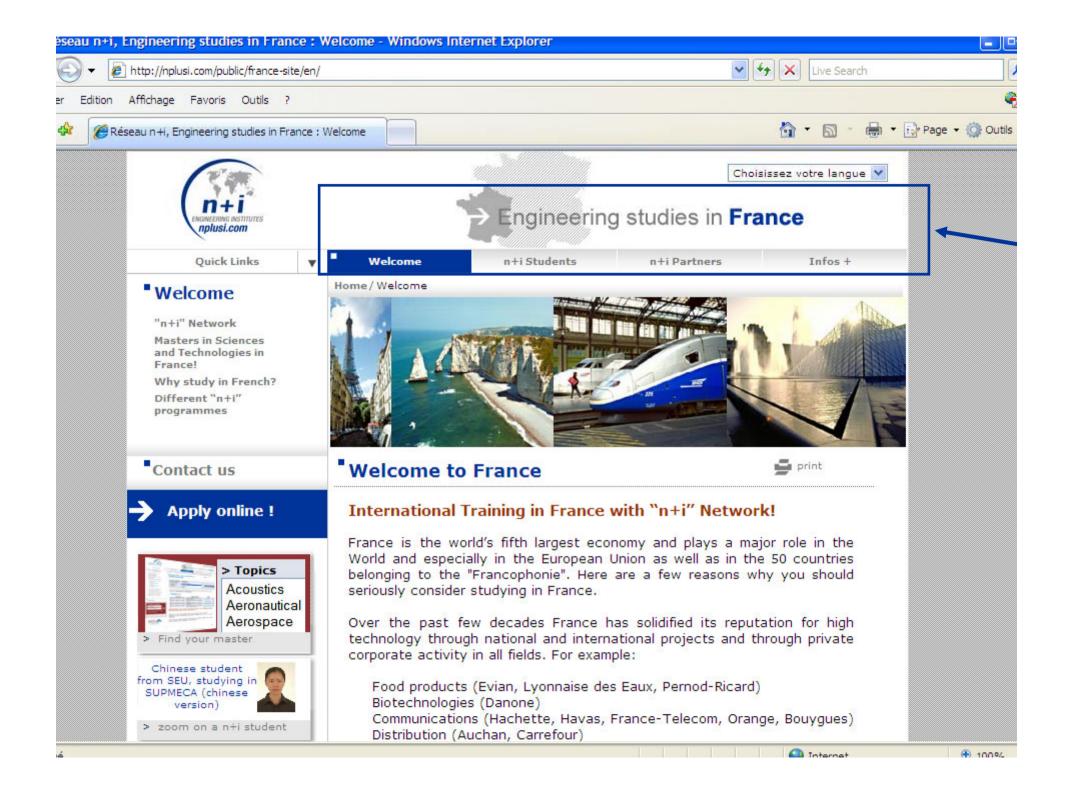
- A wide selection, by keywords, of the right French "Grandes Ecoles"
- >> Only one application form
- >> Easy registration, etc.

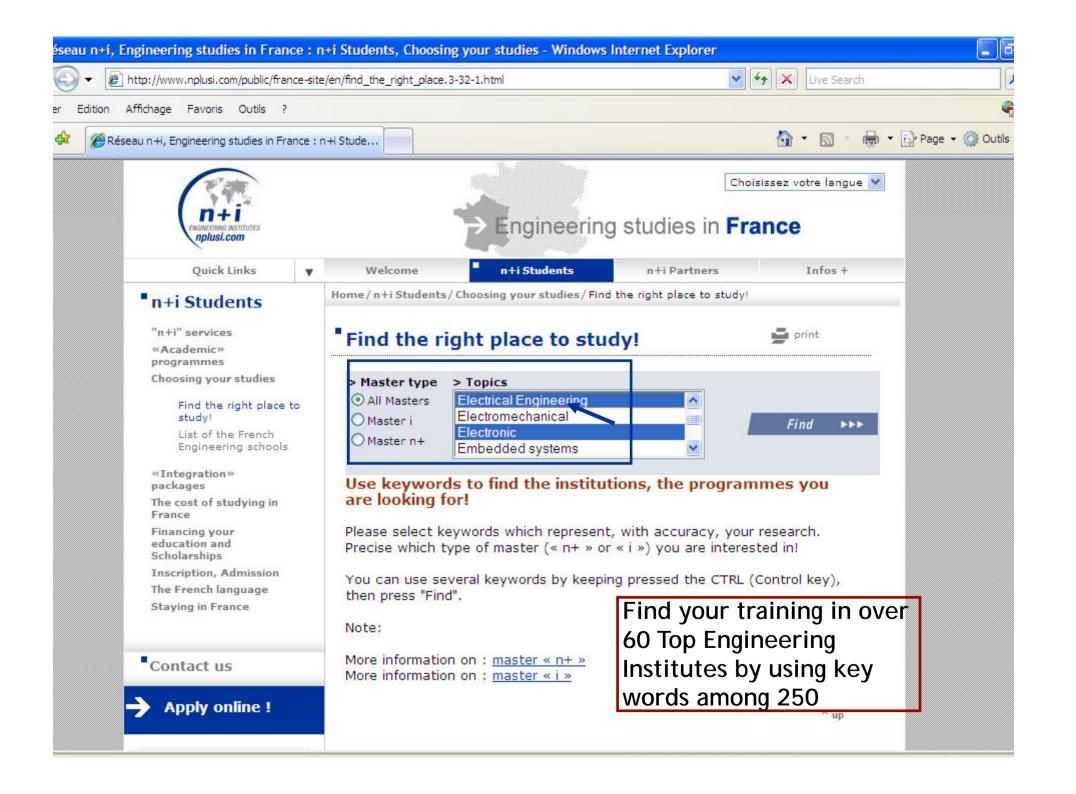


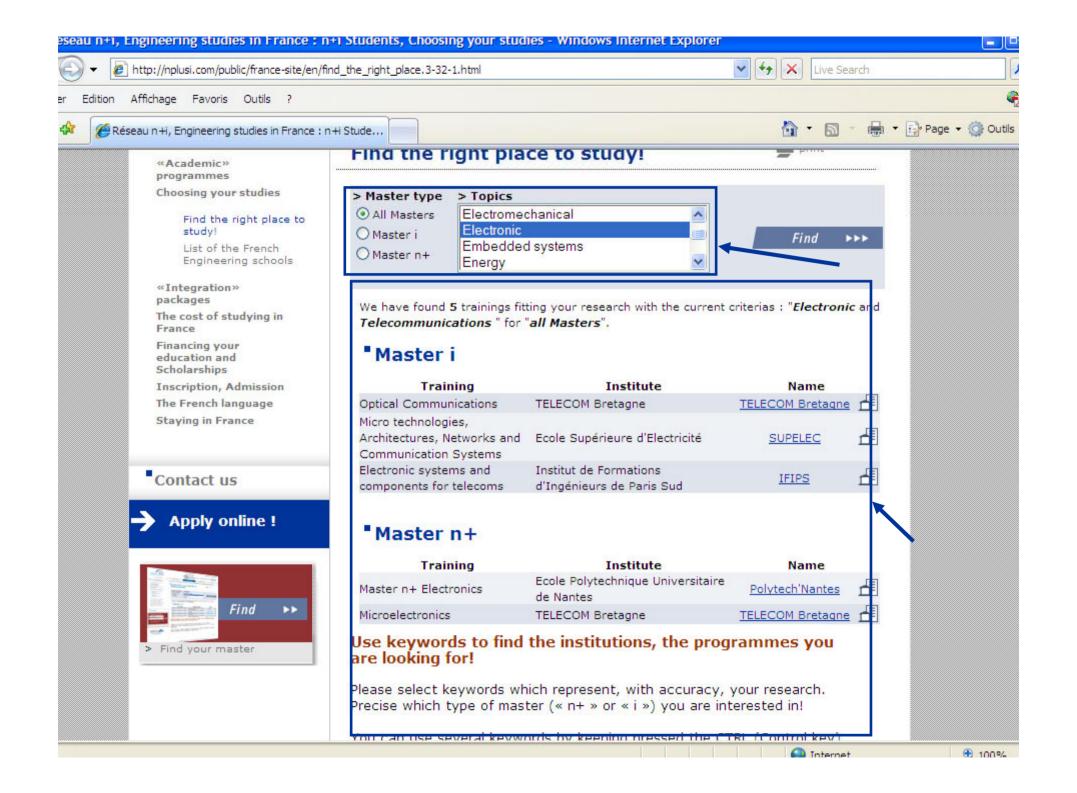
- Assistance for visas
- Personalized welcome from the first minute (Package EduFrance including insurances)
- Personalized Tutoring
- >> Total Cultural immersion and Linguistic preparation
- >> Personal assistance for day life (accommodation, etc.)
- >> Management of industrial placements (Club of Companies)
- >> Transfers
- >> Scholarship Opportunities
- >> International renowned Master Degree

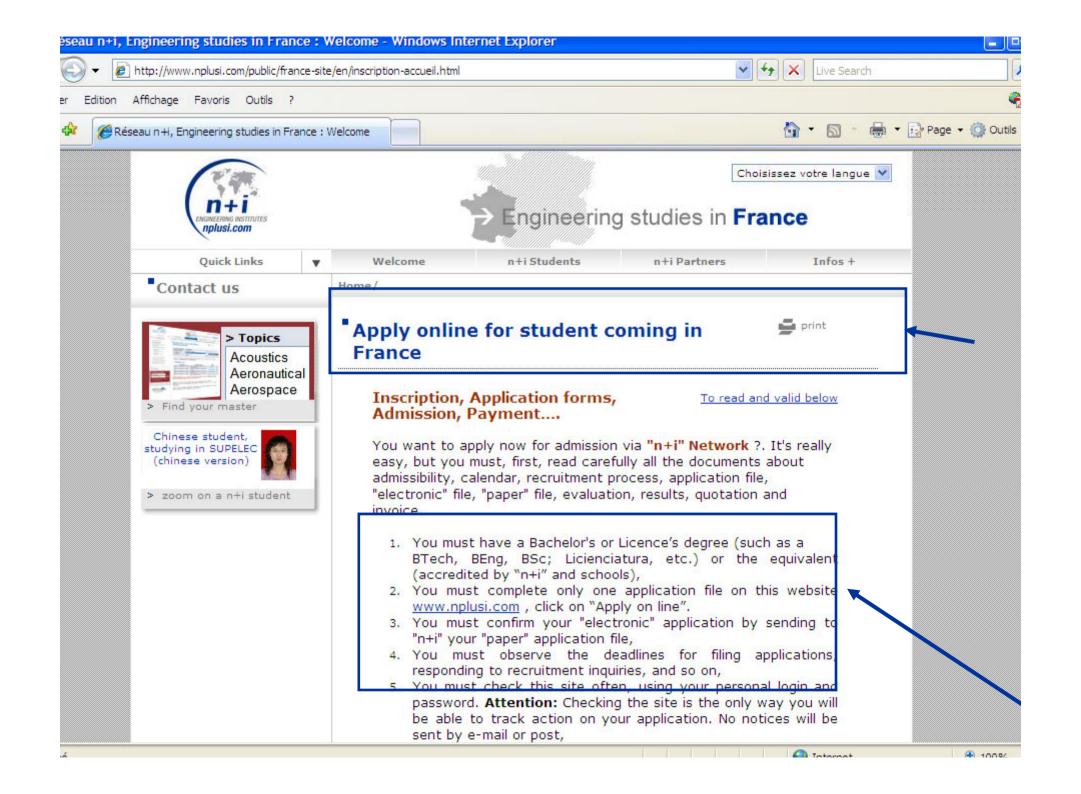


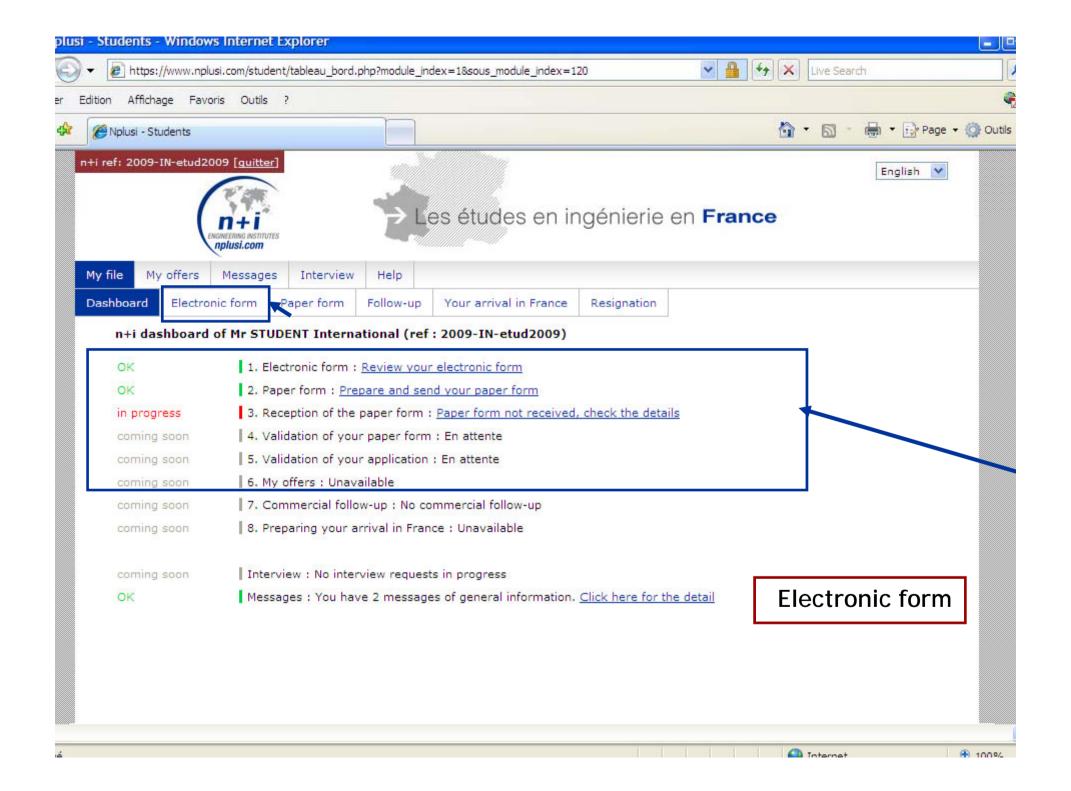


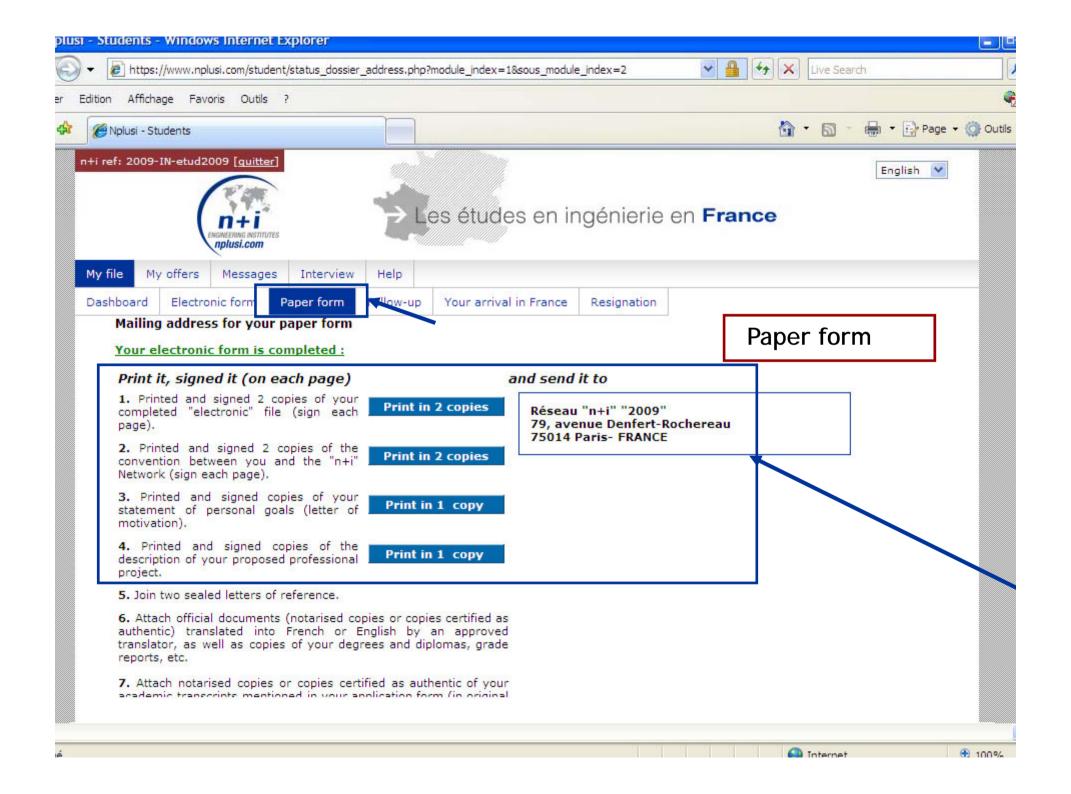


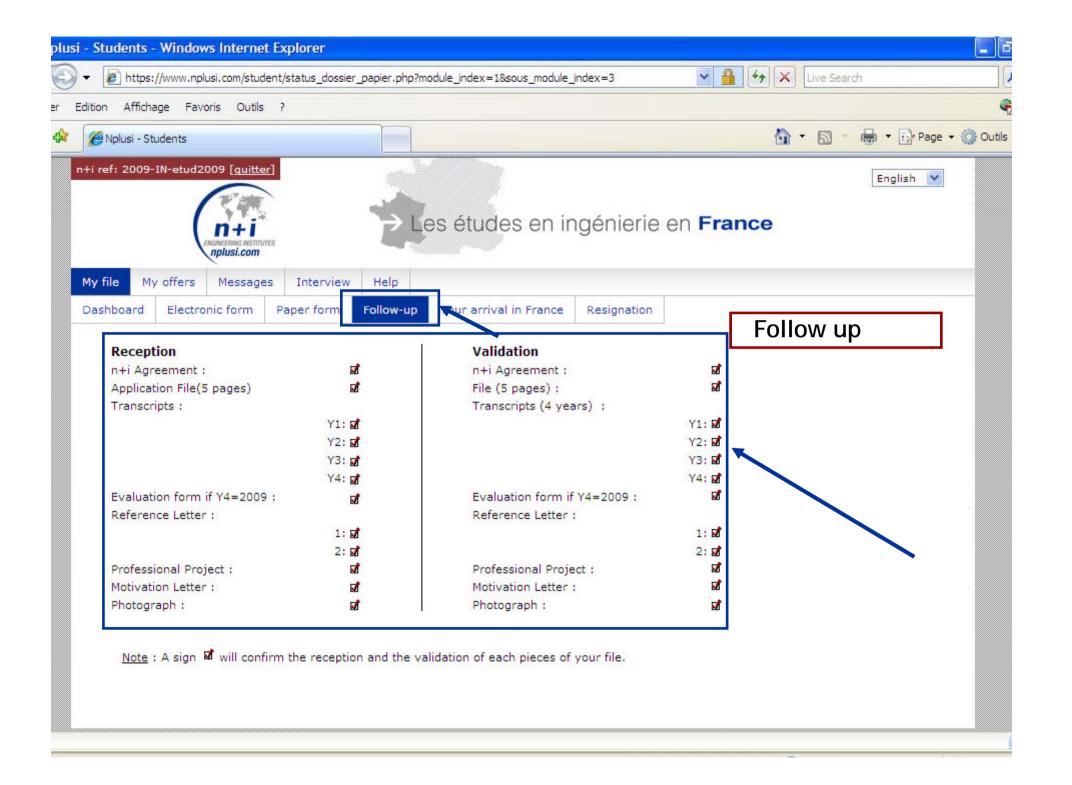












Total costs



Living Expenses

Academic costs

- >> Tuition fees (as for French Students)
- Insurance (compulsory)
- >> Specific programmes
 - >> Tutoring
 - >> Personal assistance
 - >> Transfers
 - >> Intensive courses of French
 - >> Cultural preparation
 - >> etc.



Costs for a Master « n+ » (Master with Honours, Diplôme d'Ingénieur) in 2 Years



- Package of Cultural integration
- Package Linguistic integration

1 850 €

650 €

Diplôme d'ingénieur 2 years Academic costs in Engineering College

• Recruitmen*

950 €

Package me

Local

Full

3 possibilities

 $0 \in$

1850 €

3150 €

750 € à 6 000 €

750 € à 6 000 €

Tuition fees in M1

Tuition fees in M2

from 2450 €

Costs for a Master « i » (Master in 2 Years)



- Package of Cultural integration
- Package Linguistic integration

Academic costs in Engineering Colleges

- Master in 2 years •Recruitment in « n+i »
- Package methodolog
 - Exemption
 - Local
 - Full
- Tuition fees in M1
- Tuition fees in M2

950 €

650 €

1 850 €

3 possibilities

 $0 \in$

1850 €

3150 €

1 500 € à 4 000 €

2 500 € à 4 000 €

Costs for a Master « i » (Master with exemption of M1) in 1 Year



- Package of Cultural integration
- Package Linguistic integration

Academic costs in Engineering Colleges

- Master in 1 year •Recruitment in « n+i a
- Package methodologic
 - Exemption
 - Local
- Tuition fees in M1
- Tuition fees in M2

950 €

650 €

1 850 €

3 possibilities

∩ €

1850 €

3150 €

exemption

2 500 € à 4 000 €

Total costs for 2 Years



But in 2009 the real figure is...

- 50 % of the students get scholarships for academic fees = 0 € to be paid
- Over 20 % of the students are fully supported (fees+living), nothing to pay thanks to additional scholarships
- Average for the <u>academic costs</u> for two years <u>6 800 €!</u>
- Possibility to get financial support with the placements during 2 years in France: Average of 4 000 € (full scholarship with ATS programme)

So, in 2009 the <u>'average'</u> academic cost for <u>2 years</u> is less than <u>3000 €</u>

Funding



Different ways to complement the funding from

- I. Personal contribution (family, loans)
- II. Governments (Bilateral agreements)
- III. European funding (Alban, Leonardo, ASEM, etc.)
- IV. France (additional scholarships, «Eiffel», Embassies ...)
- V. Regions (Limousin, Franche Comté, Ile de France), Cities (Brest, Besançon)
- VI. Grandes Écoles, Universities, Foundations, Institutions, "n+i"
- VII. Assistantships, part time jobs
- VIII. Partnerships with companies

Costs of living



Master's Degree(s)

Programme in 2 years

Housing and Food

Living expenses vary from one city to another and it depends on your standard of living

- >> On private basis minimum 14 000 €
- As a student 7 000 € per year (7 000 € cut with French Government support, i.e 50%)

'Experience' in France

Programme in 1 year



Application Process



www.nplusi.com

One single application form

Free of charge

- >> Recruitment by each engineering institute
 - >> Per topic
 - >> Per Region
 - **>>** ...

- >> Research of scholarships
 - >> Eiffel
 - >> Embassy
 - >> Region
 - >> Grandes Ecoles
 - Companies
 - **>>** ...



a training of Top engineers with international ambition



WHY "n+i"?

"n+i" is a unique initiative of the French Government in partnership with French companies and over 70 prestigious French engineering institutes. It is a non-profit making organisation aiming at training multilingual engineers able to work on international projects involving a multicultural environment.

MASTER'S DEGREE IN ENGINEERING IN FRANCE

It is a Bologna process accredited, internationally recognised two-year programme. The Master's degree is delivered by *Grandes Ecoles*-elitist engineering institutes or universities. Most of the institutes are associated with world class research labs and R&D expenditure remains amongst the highest in the world. This Master's degree is offered with special packages for linguistic, cultural and methodological integration modules. No other programme offers such a comprehensive package.

THE "n+i" ADVANTAGE: ASSISTANCE FROM ENROLMENT RIGHT UP TO GRADUATION

"n+i" offers a complete and original package range of personalised services to ease students' integration into the French system.

Before departure, "n+i" helps students with choosing their courses and securing financial aid:

- a simplified application procedure online,
- a search for scholarships or financial assistance from regional authorities and companies,
- information on the price of housing, food, insurance, health care, classes and tests in French language.

Upon arrival in France, "n+i" and the students' chosen institutes offer a complete welcome and support programme tailored to their needs:

- a full assistance during all studies,
- welcome service at the airport in Paris, insurance from the minute students arrive in France, a four-day welcome session in Paris, assistance (resident permit, insurance, opening of a bank account, etc.), transfers,
- intensive summer French language course in one of France's best language centres,
- cultural, linguistic and methodological integration periods,
- intercultural engineering programme alongside French students,
- help in finding an internship (companies, embassies, regions, institutes, etc.).

WHY FRANCE?

Although typically known as the country of art and culture, France is also the fifth economic power of the world. A top ranking pole of scientific and technological innovation, France owes its performance to its research capacity and to its success in domains as varied as space, transport, automobile,

energy, agribusiness, aviation, telecommunications, construction, etc. French engineering institutes offer courses in every engineering field on par with the best in the world. French technical prowess, evident in achievements such as ALTEN, Airbus planes, the Ariane rocket, Smartcard, TGV and AGV (high-speed trains), Renault & Peugeot cars, Michelin, Alcatel, Alstom, Areva, Lafarge, Air Liquide, etc. speaks volumes about the quality of engineering education in France.

French is spoken in 53 countries in the world. This Master degree is internationally recognised. It is possible for foreign students to work on a part-time basis in France. Graduates (with a Master's degree or PhD) can stay up to 6 months after their studies to find employment, giving them the right to stay in France for a longer period once they have been hired by a company.



HOW TO REGISTER?

SELECTION

The access is selective. The selection depends upon academic merit, ranking of universities, strong recommendation letters and coherence of the professional project. Thus, no qualifying tests are required though GRE results may be taken into consideration. Basic knowledge of French is not compulsory. However students are advised to start learning French as soon as possible.

APPLICATION AND COURSE STRUCTURE

An online application is to be made through the website www.nplusi.com. The entire application process is free till the final admission. The academic year begins in September. But students join "n+i" in July to start their linguistic preparation module. The first semester of the first year prepares students coming from more than 40 countries for cultural and methodological adaptation. An internship, during the second year, is a compulsory training and usually remunerated. In France, along with theoretical training, practical applications and methodology are equally important ...

REASONABLE COSTS

France spends more than 20% of its national budget on Education which is thus highly subsidised by the Government. The entire programme (including the complete package: personal welcome at the airport, free city tours, language training modules, methodological training, project management modules, personal tutor, housing, insurance and tuition fees for two years) may be paid thanks to scholarships.

In average, 50% of the "n+i" students got scholarships for academic fees. Over 20% of the students were fully supported.

In addition to governmental funding, there are a lot of other scholarships available (For instance, scholarships from companies, states, regions....)

Students are covered under the French Social security system. Besides, students avail up to 50% discount in book shops, cafes, museums, railways, metro stations, etc.





I am very proud to have been a part of the first batch of ALTEN scholars. I believe that the program of nplusi is unique and extremely relevant in the globalized education sector...

I would not hesitate to enthusiastically recommend this program to anyone with international career aspirations.

PILLAI Madhavan Narayana - INDIA Alten scholar (Information System Communication).

The training of engineering France was a very good experience for me. The internship contract "n+i" with the company gave me work placement opportunities and provided a perfect orientation for my professional life.

France Telecom • Rhodia • Dassault systèmes • PSA • EDF • Renault • S2M • Faurécia •Thomson • Lafarge • Suez • • MacaoWater • Saint-Gobain Rockwell Collins • etc.

TOTAL • Michelin • ALTEN

FANG Jing - CHINA