#### French Engineering Excellence



#### Session 2:

Internationalisation of Universities: examples and experiences

### « Developing a campus network abroad »

Philippe Courtier President of UTC



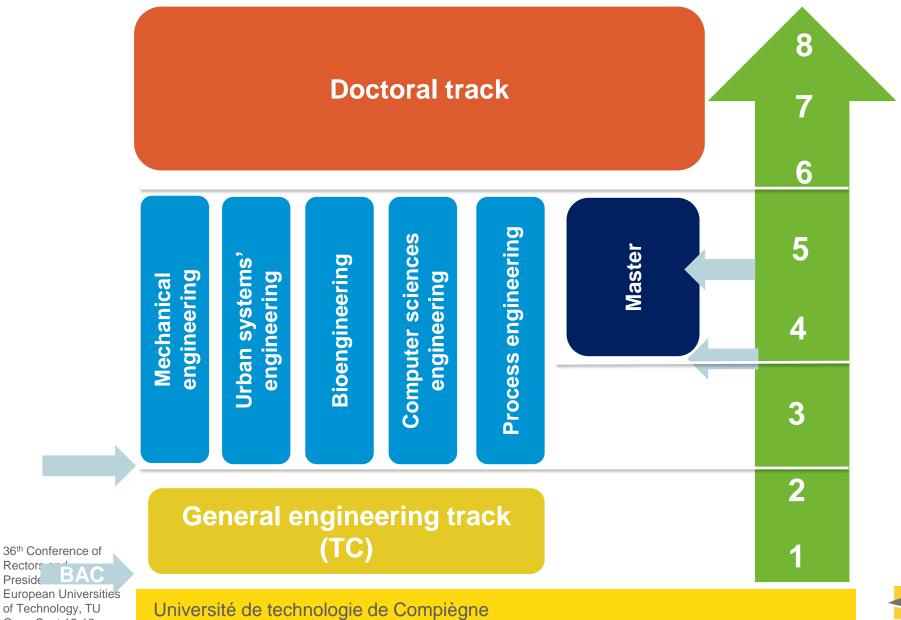


- 3800 Engineering students in 5 tracks
   (34% female students)
- **250** Graduate students (parallel Master's track)
- **20%** International students on campus
- **340** Doctoral candidates (doctoral school)
- **800** Full time staff (thereof 390 faculty)
- O 9 Research Labs
- O 3 International operations

(China, Chile, Mexico)







SORBONNE UNIVERSITE



- Transnational approach with local partner institutions and responding to French industrial needs
- Promotion of French language
- Local and international recruitment
- Pedagogic coordination (flying faculty, local faculty and teaching by industrials)









# Shanghai University

- **Created in 2005** with Shanghai University (SHU) in partnership with Troyes (UTT) and Belfort-Montbéliard (UTBM) UTs
- Largest Sino-French campus with more than 1000 Chinese students
- **Hybrid transnational approach** for Chinese students including intensive French language preparation, local and flying faculty, mobility schemes and dual degrees
- International exchange and study programs for over 100 French and foreign students
- Industrial support

   (already over 10 privileged partnerships signed)







**Governance model of UTSEUS** 

- Steering comittee in charge of strategy (meeting every 6 months) includes presidents and directors
- Pedagogic comittee in charge of initiating and defining pedagogic projects and programs as well as of quality assurance (meeting every 6 months, joint recruitment committee)
- Operational managing directors for both sides China and France- present on campus in Shanghai – in charge of executing steering and pedagogic committees decisions – organisation of monthly meetings with on-site teams



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## 250 students/year enrolled in 4 specialties:

- Mechanical Engineering (90 students)
- Information Engineering (90)
- Material Science and Engineering (45)
- Biology Engineering (25)

## 3 models of education

• 3+2.5 model:

3 years in China and 2.5 years in France to obtain Chinese bachelor + French engineer diploma (50-55% of TTL)

• 3+2 model:

3 years in China and 2 years in France to obtain Chinese bachelor + French master (5% of TTL)

• 4+0 model:

4 years in China to obtain Chinese bachelor (40-45% of TTL)



- First cohort graduated in 2011
- Excellent employment perspectives and conditions for UTSEUS alumni

	All UTC students	UTSEUS students only
Employment rate	92%	100%
Correspondance with qualification	96%	92%
Location of the first position		
In France	87%	60%
Abroad	13%	40%
Gross annual salary (overall mean)	38K EUR	31K EUR
Gross annual salary (for positions in France)	37K EUR	36K EUR
	Table: Employment statistics for cohorts 2011 – 2016 All UTC students vs UTSEUS students only	



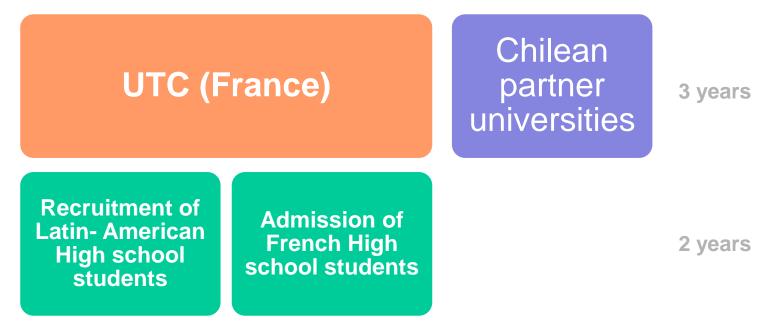
- Located in Valparaiso (120 km from Santiago) general engineering track as in Compiègne, preparatory for the 5 UTC engineering tracks
- **Strong support** from French Embassy, the Network of French High schools (*Lycées français à l'étranger*) and University of Valparaiso
- **Close industrial relationships** via Franco-Chilean Chamber of commerce (scholarship grants)
- Local French managing director courses by qualified local teachers, few flying faculty, pedagogic mirror teams (France – Chile) – academic, financial and administrative supervision from France



Official opening in 2014







- **2017/18**: 46 students on site
- Intensive French Language training in partnership with Alliance Française
- Scientific, engineering and humanities course offer both in Spanish and French
- Exchange semester for compiègne UTC students
- **Pedagogic mirror teams** (quality assurance for course contents, exams, grading, etc)

Université de technologie de Compiègne





- Located in Mexico City same academic model of a general 2-year engineering track preparatory for the French or Mexican engineering tracks as in Chile
- Academic Partnership with Instituto Politécnico Nacional (IPN) in Mexico based on a successful research collaboration in the framework of International Research Lab in Information Sciences and Automation (LAFMIA)
- **Strong support** from French Embassy, the Network of French High schools (*Lycées français à l'étranger*) and the Mexican government
- **Close industrial relationships** via Franco-Mexican Chamber of commerce
- First cohort recruited in August 2016 (29 students currently in the second year of studies (2016) and 45 students in their first year(2017))

   first mobility to France expected in 2018

Université de technologie de Compiègne

Mexico track (1/2)



## Learn more about UTC on our website: <a href="http://www.utc.fr">www.utc.fr</a>

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