

Anglet,
June 1st 2011

Installation of the first WESTT CS/BV, the virtual engine test bench at IPB/ENSEIRB-MATMECA Bordeaux In the AEROfan platform context





IPB/ ENSEIRB – MATMECA Bordeaux, AEROfan platform partner

The first virtual bench WESTT CS/BV produced by Price Induction was installed and successfully booted up on **Tuesday February 8th 2011** at the engineering school IPB/ENSEIRB-MATMECA located in Bordeaux.

This purchase was made within the context of the Aquitaine platform for collaborative research and technologic transfer (**AEROfan**), which was started in 2009 by **Price Induction** and several other partners, engineering schools, Bordeaux universities and regional institutions.

Strongly supported by the **Aquitaine Région**, the **AEROfan** platform is a national first.

Indeed, it aggregates in Aquitaine the engineering schools (**IPB/ENSEIRB-MATMECA, Arts et Métiers Paris Tech Centre of Bordeaux-Talence, ESTIA...**), **Bordeaux 1 University (CR-IMA), Jean Taxis de Peyehorade Highschool, Bordeaux Aéroparc** and research labs in Bordeaux around an extremely innovative project in terms of research, collaborative-development, technologic transfer as well as educational potential on the aeronautic « turbofan » engines designed in the Aquitaine Region by **Price Induction**.

The WESTT general configuration adopted by the AEROfan partners is the following:

- **IPB/ENSEIRB-MATMECA : WESTT CS/BV**, virtual engine bench
- **Arts et Métiers Paris Tech Centre de Bordeaux Talence : WESTT SEV**, engine assembling/disassembling station
- **Université Bordeaux 1, CR-IMA (Centre de Ressources en Ingénierie et Maintenance Aéronautique) : WESTT BR**, real engine bench.

Educational applications of the WESTT CS/BV at IPB/ENSEIRB-MATMECA

The main applications revolve around the Automatic studies, regulation and embedded electronics.

This **WESTT CS/BV** virtual bench will also be used, by other AEROfan partner schools to study the **DGEN 380** Turbofan and its associated thermodynamics.

About the IPB/ENSEIRB-MATMECA

ENSEIRB-MATMECA: is one of Bordeaux Technological Institute (**IPB**) five big engineering schools, and is specialized in electronics, computer science, telecommunications, mathematics and mechanics.

It is the biggest school in Aquitaine:

- 1200 students
- 100 researcher teachers
- 70 partners in 26 countries
- 4 research laboratories shared with the University and the CNRS.

About the virtual test bench WESTT CS/BV

The WESTT CS/BV is a highly innovative and interactive engine simulation bench.

It is a virtual station with numerous educational applications, from control theory and regulation applied to a modern turbofan engine, to its aerodynamics, thermodynamics and 3D visualization.

It also yields many teaching opportunities in modeling, embedded electronics, general turbomachinery or aeronautic maintenance classes.

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About Price Induction

Price Induction SA is based in the **Aquitaine** region, France, in Anglet (offices) and Tarnos (test bench). Today, the company employs over forty persons, more than thirty of which are engineers.

The company recently opened two subsidiaries, one in **Atlanta**, Georgia, USA and one in **Sao José dos Campos** SP Brazil.

Price Induction SA is an investment of the following funds: **AEROFUND**, **ACE** and **Financière de Brienne**, which are managed by **ACE Management**.

Price Induction SA is actively supported by the **Aquitaine Region**, the **FEDER** and the **OSEO**.



Price Induction is also a member of **Aerospace Valley**, a technological pole initiated by the **Aquitaine** and **Midi Pyrénées Regions**.


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