

Presentation of the Toulouse Site

Eric de SAINTIGNON
April 2014

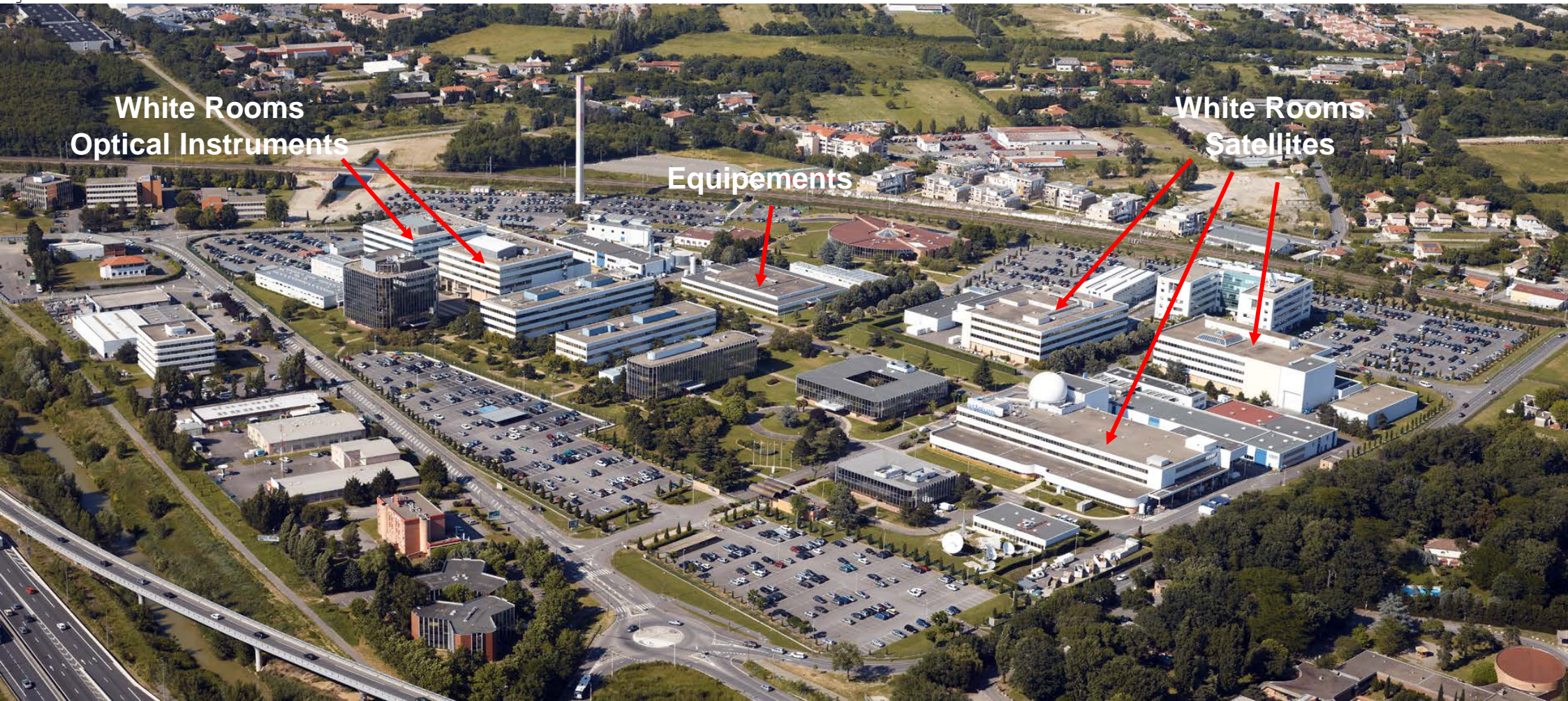
Toulouse Site

- **Most important Airbus D&S site and a unique industrial complex in Europe**
 - 20 buildings spread over **23.5 ha in the industrial zone of Palays**, over **7 ha in the Canal zone** (Astrolabe / Intespace, Geo Intelligence) and over **7 ha in Aussaguel**.
 - **3600 people** work here (**2800 Airbus D&S**, 800 subco).
 - **22000 m² of white rooms** (class 100 000 to 100).
 - **System Test Equipment** (Radio Frequency Compact Base, High capacity “thermal vaccum” chambers).
 - **25 M€** to be invested over the 3 next years
- **Activities :**
 - **Prime contractorship, engineering, integration and tests of satellites and space instruments**
 - **Space-based services**



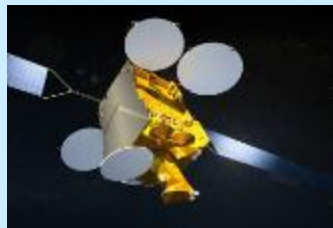
Airbus Defence & Space Toulouse : main Site (Palays)

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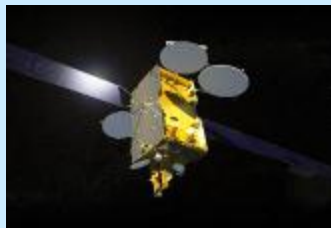
Ongoing Telecommunication Satellities



Astra 5B
(Lancé 22/03
LEOP en cours)



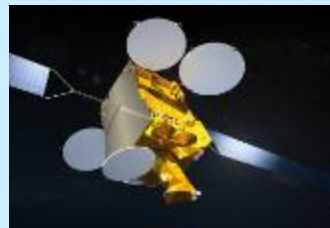
Eutelsat 3B
(à Long Beach)



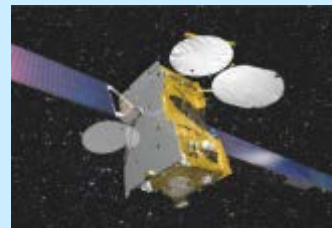
Express AM4R



Measat-3b



Astra 2G



Express AM7

Launches in 2014

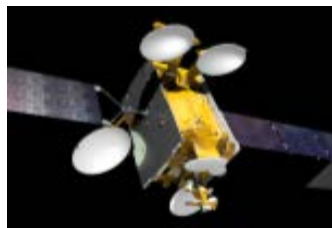


DirecTV 15



Eutelsat 9B

AIT Toulouse



Badr-7
(annonce 2013)



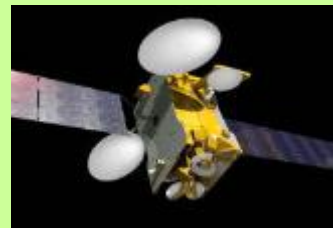
Express AMU1



Sky Brasil-1
Orders 2013



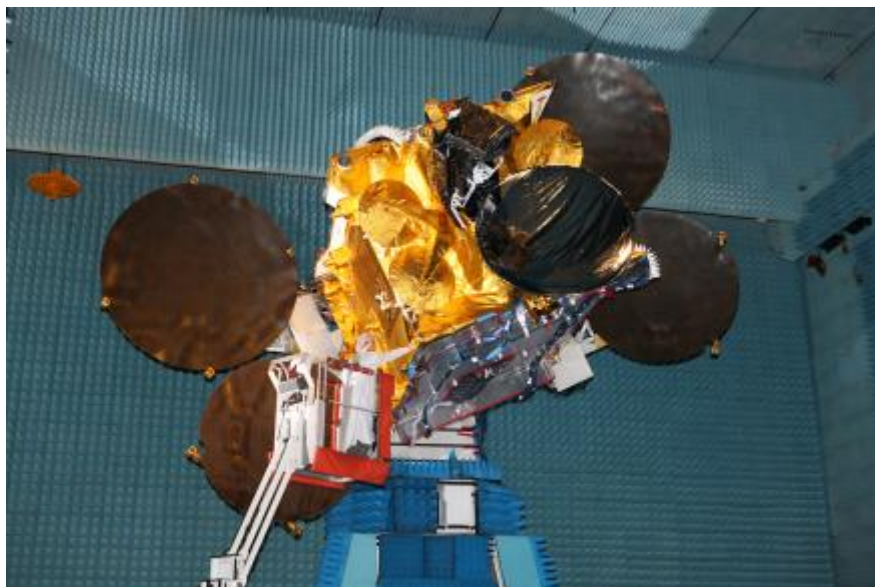
Telstar 12V



SES-10
Orders 2014



DirecTV15 going to tests

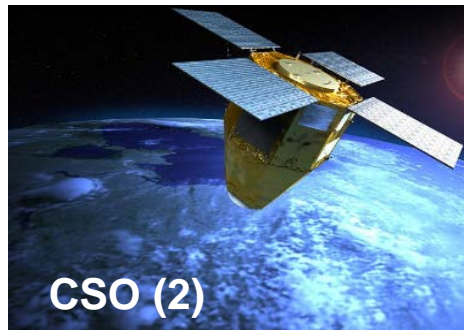


Astra 2G RF Test

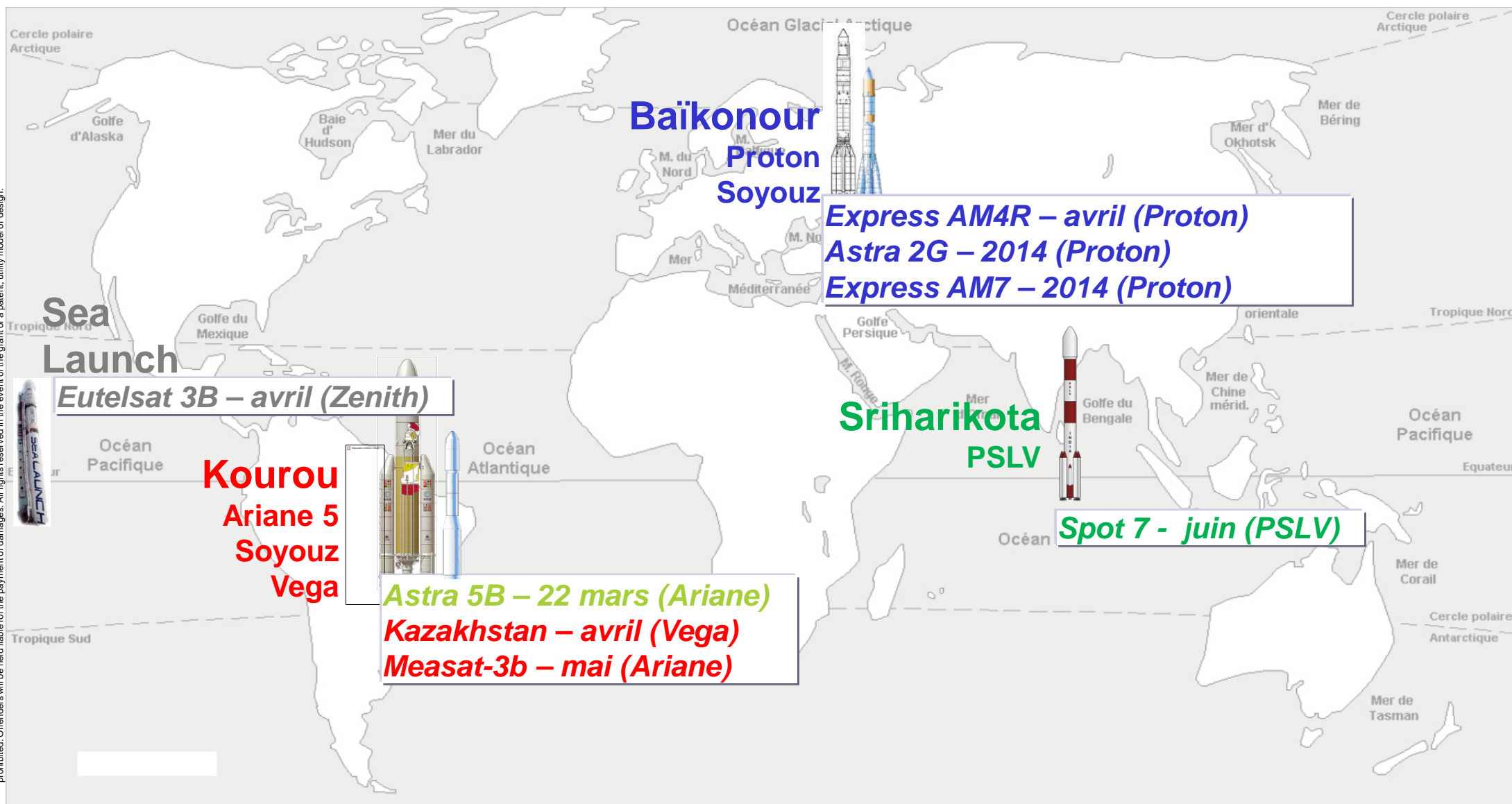


Eutelsat 9B
Mating modules

Earth Observation and Scientific Satellites Underway



Launches in 2014



Space in the Midi-Pyrénées Region

- **About 13 000 jobs** mostly in Toulouse ➔ 1/2 of the French Space Industry and et 1/4 of Europe's.

Airbus D&S footprint in the Region

- **More than 150 M€ injected in the local economy (> 200 companies)**
- **Pôle de compétitivité Aerospace Valley** : space markets and applications, technologies.
- **Institut de Recherche Technologique** space and on-board systems
- **Plan Directeur Régional** for space applications/ local demonstrations
- **Cité de l'Espace** : transmit know how, scientific and space culture

Key Know-How – Airbus D&S France

MASTERING SPACE SYSTEMS

Design and Integration of Systems

Design and Integration of Satellites as well as Control & Mission Ground Segments

MASTERING PLATFORMS & ON BOARD SYSTEMS

On Board Computers, software, and operations



MASTERING PAYLOADS

Microwave and optical instruments

Telecommunication payloads (radio et optics)

