

LA RÉPONSE TECHNIQUE DE LA NOUVELLE FAMILLE ARIANE 6 / VEGA C / THE TECHNICAL RESPONSE PROVIDED BY THE NEW ARIANE 6 / VEGA C FAMILY

David QUANCARD

*Directeur général délégué à Airbus Safran Launchers
Chief Operating Officer of Airbus Safran Launchers*

Résumé / Abstract :

In the recent years, the commercial market for Space application has dramatically changed. The new Ariane 6 launcher has to become the workhouse of Europe able to meet the new market expectations.

- Reliability
- Availability
- Performance
- Price.

The first three expectations being considered as a must, the challenge we have is to meet the market price ie to reduce dramatically the price in orbit compared to Ariane 5.

But this is not the only challenge: the development budget is reduced with a significant self funding by the industrial companies, the development time is reduced with the first flight in 2020 and the Design Authority is transferred to industry.

Airbus Safran Launchers is in charge of the design, qualification and production of the new Ariane 6.

Ariane 6 is not an evolution of Ariane 5 but a new launcher using existing liquid propulsion engines.

The success of Ariane 6 will be based on 4 pillars that have to be shared by the Ariane 6 community:

- Design for exploitation
- Concurrent working
- Standardization
- New industrial policy

The vision being shared, Ariane 6 will be a full success for Europe.

Carrière en bref / Career in brief :

David Quancard was born in 1961.

He is graduated from the Ecole Polytechnique (X80) and from ENSTA (1985).

He started his career in 1989 at SNPE in charge of the development of the boosters of Ariane 5 and of the Guyana Propellant Plant (UPG).

In 1990 he moved to Regulus as Quality then Industrial and Technical Director. Regulus, based in French Guyana is in charge of the production of the booster rocket motors of Ariane 5. Regulus is an Italian-French joint venture.

From 1995 to 1999 he was appointed Vice President Sales and Programmes at SNPE propulsion.

From 1999 to 2002 he joined Arianespace as Industrial Director.

In 2003, he was appointed Chief Executive Officer of Roxel. Roxel is an Anglo-French equally owned joint venture between MBDA and Safran, n°1 for tactical propulsion in Europe.

In 2013 he was appointed Vice-President space engines at Safran-Snecma in Vernon.

In 2015 he became Chief Operating Officer of Airbus Safran Launchers, an equally owned joint venture between Airbus and Safran for launchers activities.