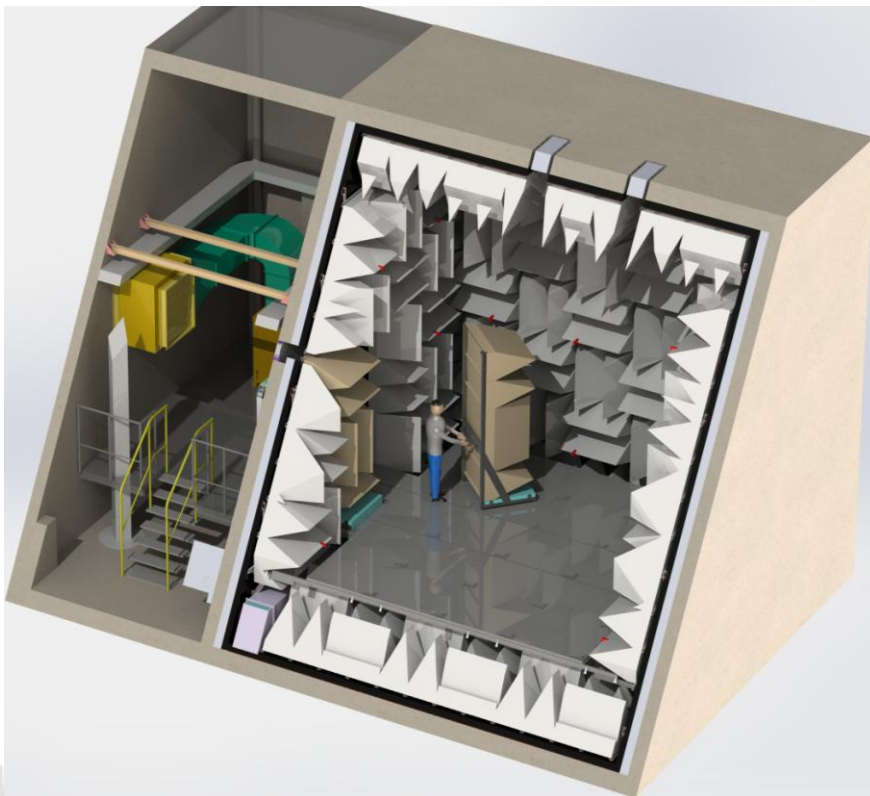


ISAE

| | | | | |
|-----------------|------------------------|------|-------|-----|
| Year | 2017 | | | |
| Location | TOULOUSE - 31 - France | | | |
| Sector | Aeronautics | | | |
| Field | Test facilities | | | |
| Type | Anechoic room | | | |
| Amount | 1k€ | 10k€ | 100k€ | 1M€ |



ISAE Toulouse mandated dB Vib company to equip **the full-anechoic room** of the aerodynamics and propulsion department. The room is dedicated to acoustics research studies on rotating machines. **A preparation room** has also been equipped in order to make the access and the test specimen installation easier. dB Vib has thus taken in charge the overall project, from design to final acoustics acceptance (**ISO3745**). All the absorbent materials as well as the aeronautics equipments have been supplied and installed allowing to achieve a **cut-off frequency lower than 90 Hz**. Moreover, a sliding acoustical door has been designed specifically in order to reach insulation performances upper to 50 dB. dB Vib has been able to consider, upstream, the different strains of the project (sizing, equipment handling, bulkheads,...) to deliver **an anechoic room perfectly suited to studies and researches performed by ISAE**.