

## European Tier 1

### Challenge

- Designing a feature-rich seat within a small packaging envelope.
- Prototype development within short time span.

### Solution

- Packaging study over the fuselage and cabin interior monuments for VLJ to finalize the seat dimensions.
- First-in-market brake mechanism development
- Eight numbers of seats were fabricated, functionality tested, and delivered to the end client.

### Scope

- Industrial design of the aircraft seat.
- Engineering design of aircraft seats.
- Innovation
- FEA of seats.
- Weight optimization.
- Fabrication of aircraft seats.
- Functionality testing.

### Impact

- Product development within a short time span.
- Air worthy design and material selection

