**Thermoplastic Composite Demonstrators**

**PROGRAM**

<table>
<thead>
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<th>TAPAS 1</th>
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**STRUCTURE**

- Fuselage Panel (4m long)
- Wet Torsion Box
- Torsion Box (6m long)
- LARGER, more integrated fuselage structure
- Engine Mount/Pylon (6m long)

**Clean Sky 2 + CORAC**

CORAC will develop the THERMOSET center wing box design (one shot CFRP CWB) via “Investing in the Future” PIA, PIA2 programs for input into Clean Sky WP2.3 and will also develop and validate next generation lower fuselage section subassemblies.

**PARTICIPANTS**

- Airbus Defense & Space (ADS, Getafe, Spain)
- FIDAMC (Getafe, Spain), Mt Torres (Navarra, Spain)
- Leonardo Aircraft (previously Finmeccanica, Rome, Italy)
- ADS, FIDAMC, Mt Torres

**Clean Sky: Next Generation Aircraft Fuselage**

WP2.1 Multifunctional Fuselage Demonstrator. thermoplastic, integration cabin-systems-structure

WP2.3 Multifunctional Fuselage Demonstration. thermoplastic, integration cabin-systems-structure