Global Competition and Demanding Market

Markets Require more:

Speed, range, capacity, productivity, efficiency and sustainability...
Setting new standards

Fast Rotorcraft  IADP

Images for illustration purposes only
Bringing research to fruition
Declared CleanSky 2 Objectives:
−17% CO2 emissions by drag efficiency (2020 vs. 2000, engine contribution not included)
−7% noise footprint, −3dB noise (2020 vs. 2000, engine contribution not included; further −13% by 2030)
250 NM radius, in 1 h 45 min (from base to destination and back, hover included)
With improved Efficiency & Productivity Index
Next Generation Civil Tiltrotor (NextGenCTR)

Schedule

- **2014**: Calls for Proposal
- **2015**: Prelim Studies, Architecture, Specifications
- **2016**: CDR
- **2017**: Components & Subsystems Development & Testing
- **2018**: First Flight
- **2019**: Flight Validation (Architecture, Technologies, Operations)
- **2020**: TRL6
- **2021**: full certification
Calls for Core Partners and Partners

• 4 calls for Core Partners in Wave 2 (2015) for design, manufacturing and testing of:
  – Fuselage structure (Front, center and aft sections)
  – Wing major structural components
  – Nacelle structure and integration
  – Flight control system components

• 3 Calls for Partners in Wave 2 (2015) for design, manufacturing and testing of:
  – Electrical power generation and distribution system
  – Pressurization and air management system
  – Fuel storage and management system
Next Generation Civil Tiltrotor (NextGenCTR)

Contacts

MICHELE ARRA
CLEAN SKY 2 Programme Coordinator
michele.arra@agustawestland.com

LUIGI UMBERTO RICCI MORETTI
CLEAN SKY 2 Technical Leader
luigi.riccimoretti@agustawestland.com

COLIN TURNER
CLEAN SKY 2 Suppliers Liaison
colin.turner@agustawestland.com