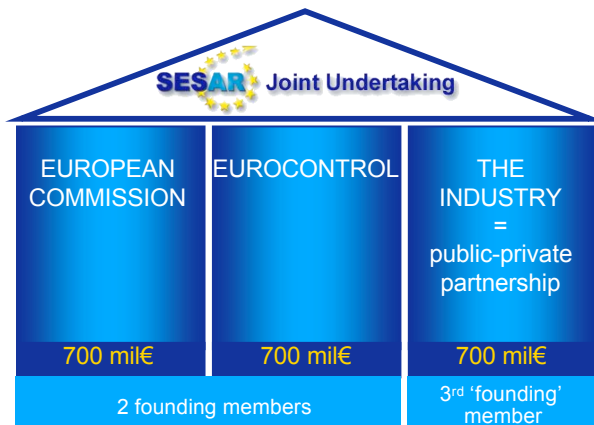


Raising up to the challenge



- SESAR Joint Undertaking recently established
- Budget of € 2.1 billion
- Responsibilities:
 - to ensure the modernisation of the European air traffic management system,
 - to execute the ATM Master Plan,
 - to coordinate and to concentrate all relevant research and development efforts,
 - to ensure the involvement of all stakeholders of the ATM sector
- Public-Private Partnership: a première

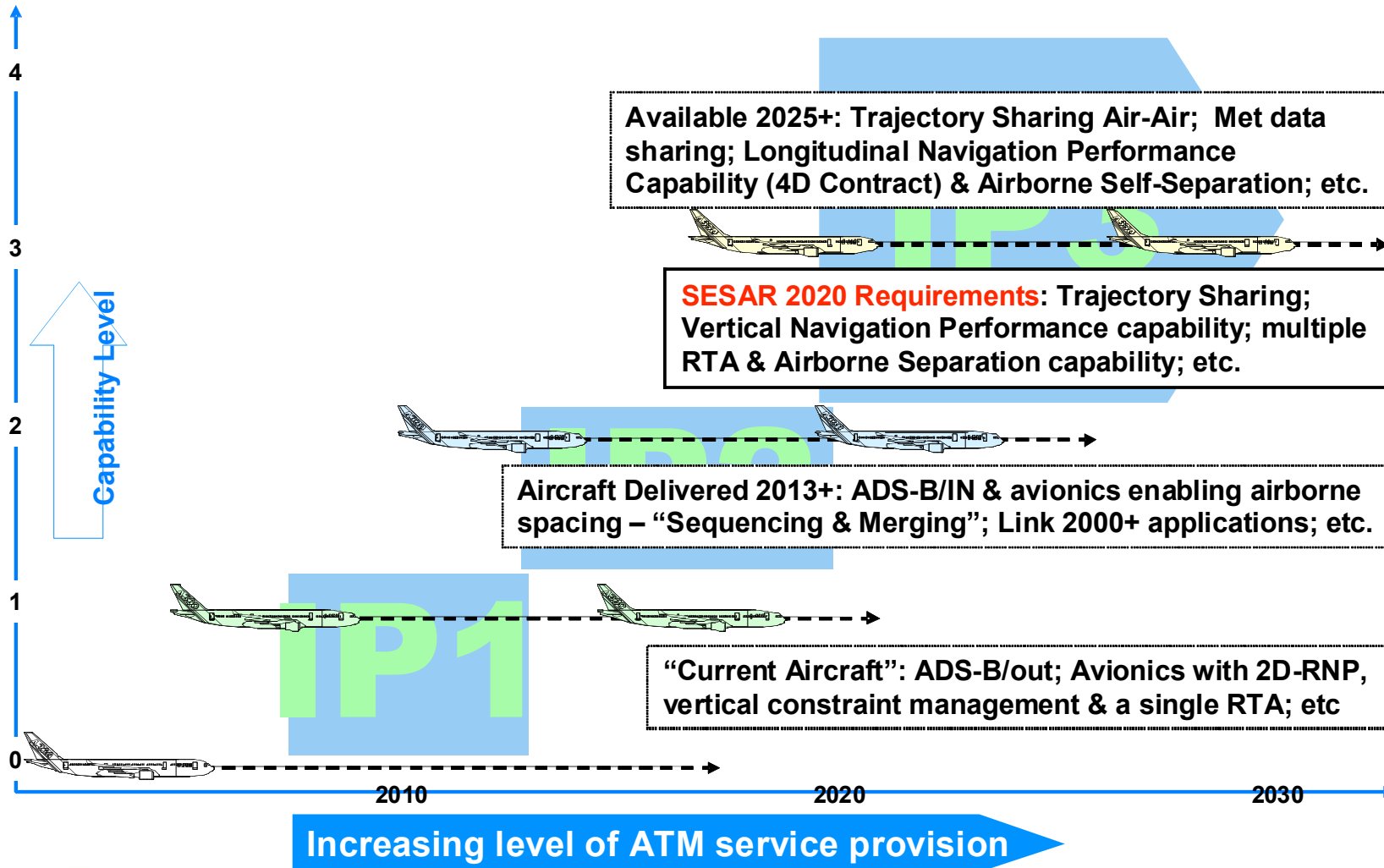
Growth must be sustainable



- Mitigation of CO2 emissions is a **priority** for SESAR
- **Agreed targets:**
 - Future Concept of Operations shall result in 10% CO2 emission savings per flight as a result of ATM improvements by 2020
 - Focus is also on minimizing other environmental impacts such as noise and NOx
- Supported by a **legal implementation framework** (SES):
 - Environmental Management System applicable to all ATM stakeholders will be defined and implemented
 - Regulation will be harmonized to support the deployment of the SESAR Concept of Operations



Evolution, not revolution



Accelerating the pace of change

- **Atlantic Interoperability Initiative to Reduce Emissions** = example of environmental validation activity focusing on “quick wins” and strengthening cooperation within Europe and with the FAA
- A number of activities conducted since the launch of the initiative. Some of them are already putting Europeans and Americans side-by-side in designing and conducting trials
- The SESAR Joint Undertaking issued a Call for Tender earlier this summer to strengthen AIRE activities during 2009. An official announcement of the results of this process will be made before the end of this year



Thank you for your attention

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