

AGCA cluster for aviation operations impact on climate change

Towards Climate-Neutral Aviation

FlighPath 2050 goals

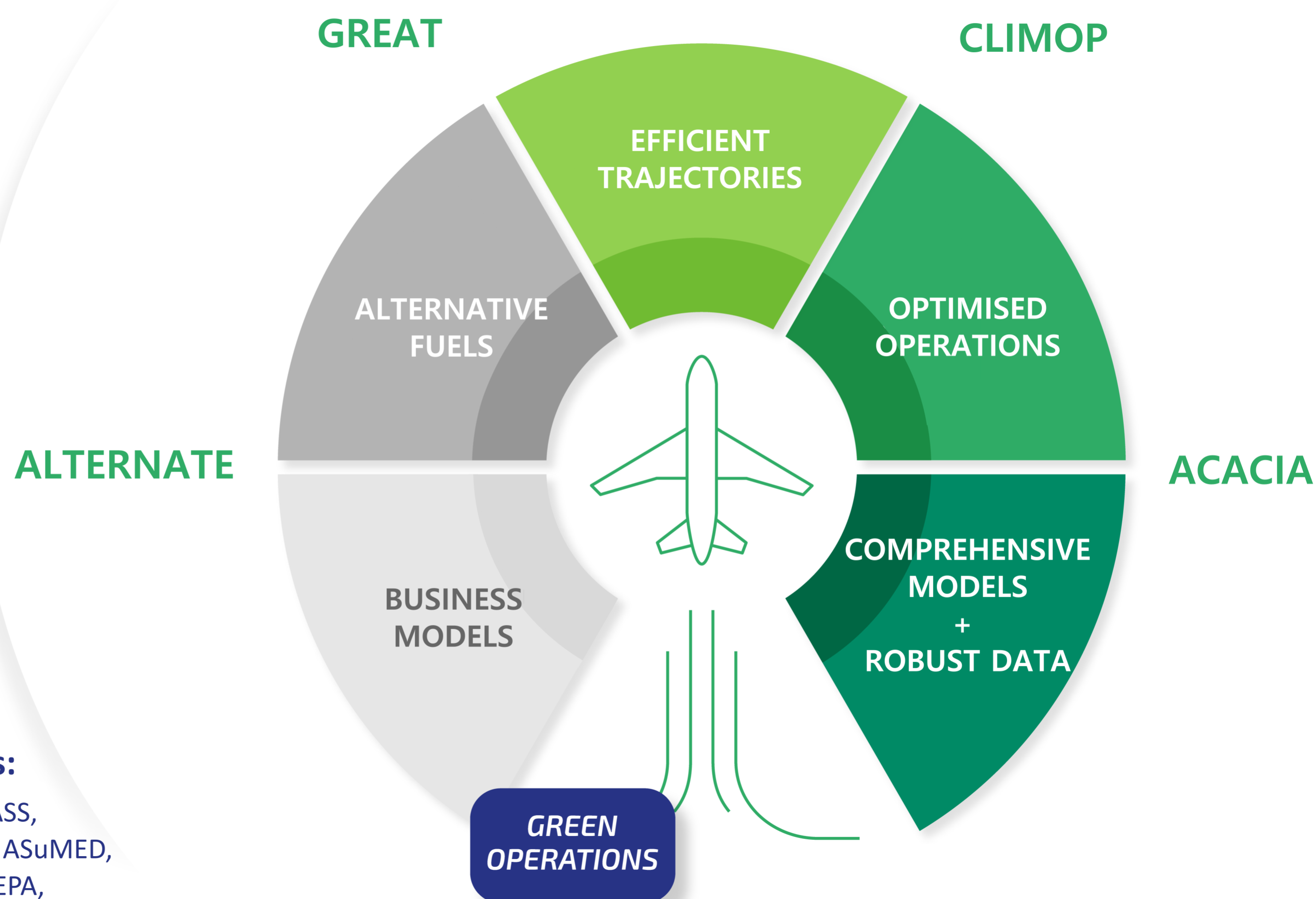
- 75%
reduction in CO2

-90%
reduction in NOx

-65%
perceived noise

Ongoing EU-funded Projects:

ENABLEH2, JETSCREEN, ECO-COMPASS, AGILE, PARSIFAL, CENTRELINE, SMS, ASuMED, FUTPRINT50, H3PS, IMOTHEP, MAHEPA, ANIMA, AERIALIST, ARTEM, TurboNoiseBB



EC/INEA is supporting **four running projects** investigating different strategies to counteract aviation's impact on climate change (granted from H2020 call LC-MG-1-6-2019 « Aviation operations impact on climate change »).

ACACIA

Advancing the Science for Aviation and Climate

GA No 875036



Climate assessment of innovative mitigation strategies towards operational improvements in aviation

GA No 875503



Greener Air Traffic Operations

GA No 875154

ALTERNATE

Assessment on Alternative Aviation Fuel Development

GA No 875538

Joint Strategy:

- Common research timeline with regular cross-fertilisation and updates
- Common aim for an intense research exchange and joint dissemination activities throughout their whole duration bringing together research from different disciplines
- Common research topics of interest: Validation platform, trajectory optimisation, stakeholder consultation, efficient operations, climate impacts, strategic guidance for a sustainable aviation



These projects have received funding from the Clean Sky 2 Joint Undertaking under the European Union's Horizon 2020 research and innovation programme respectively under grant agreement No 875036, No 875503, No 875154, No 875538.