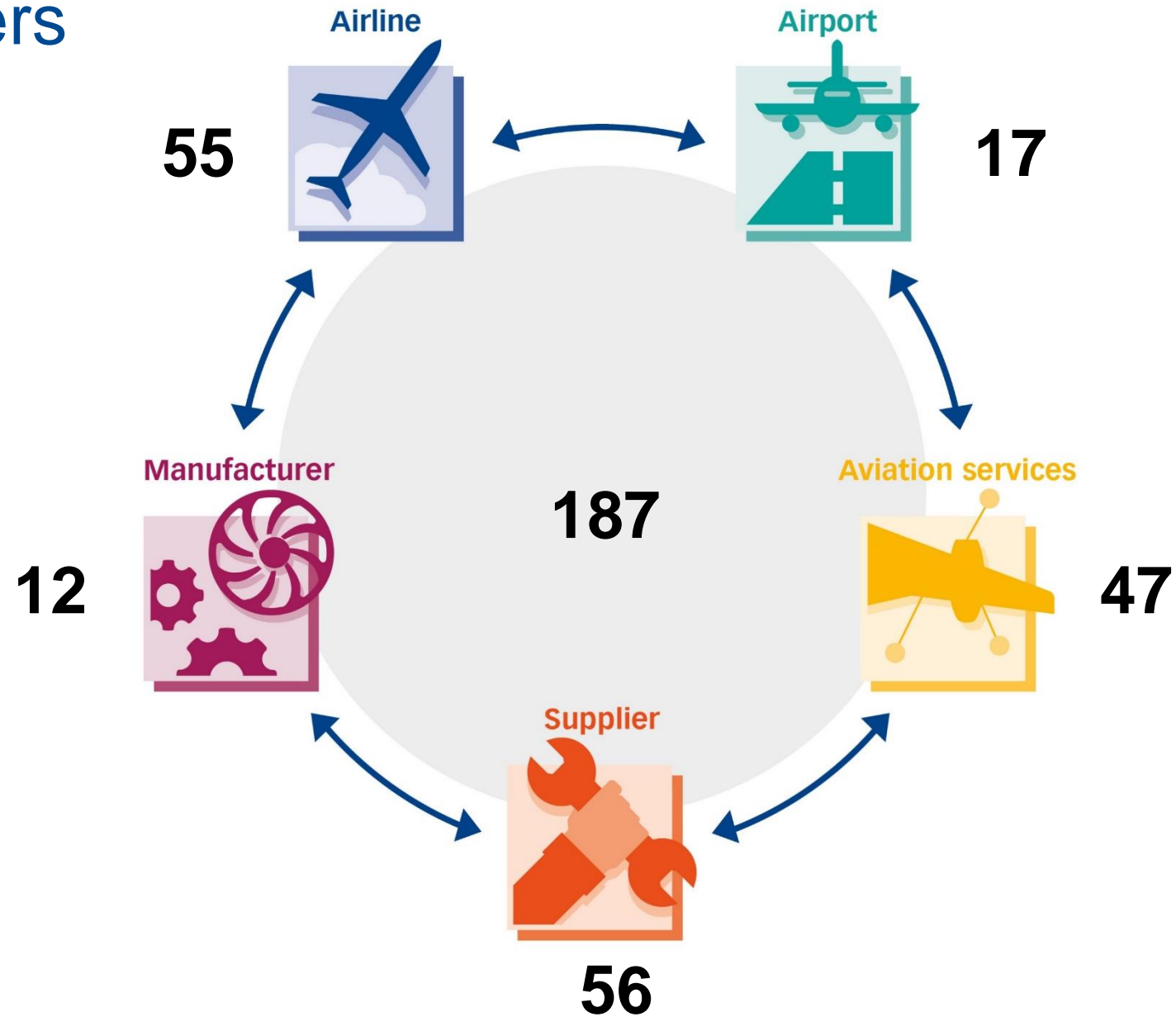


European Regions Airline Association

24 September 2021

ERA members



alsieexpress

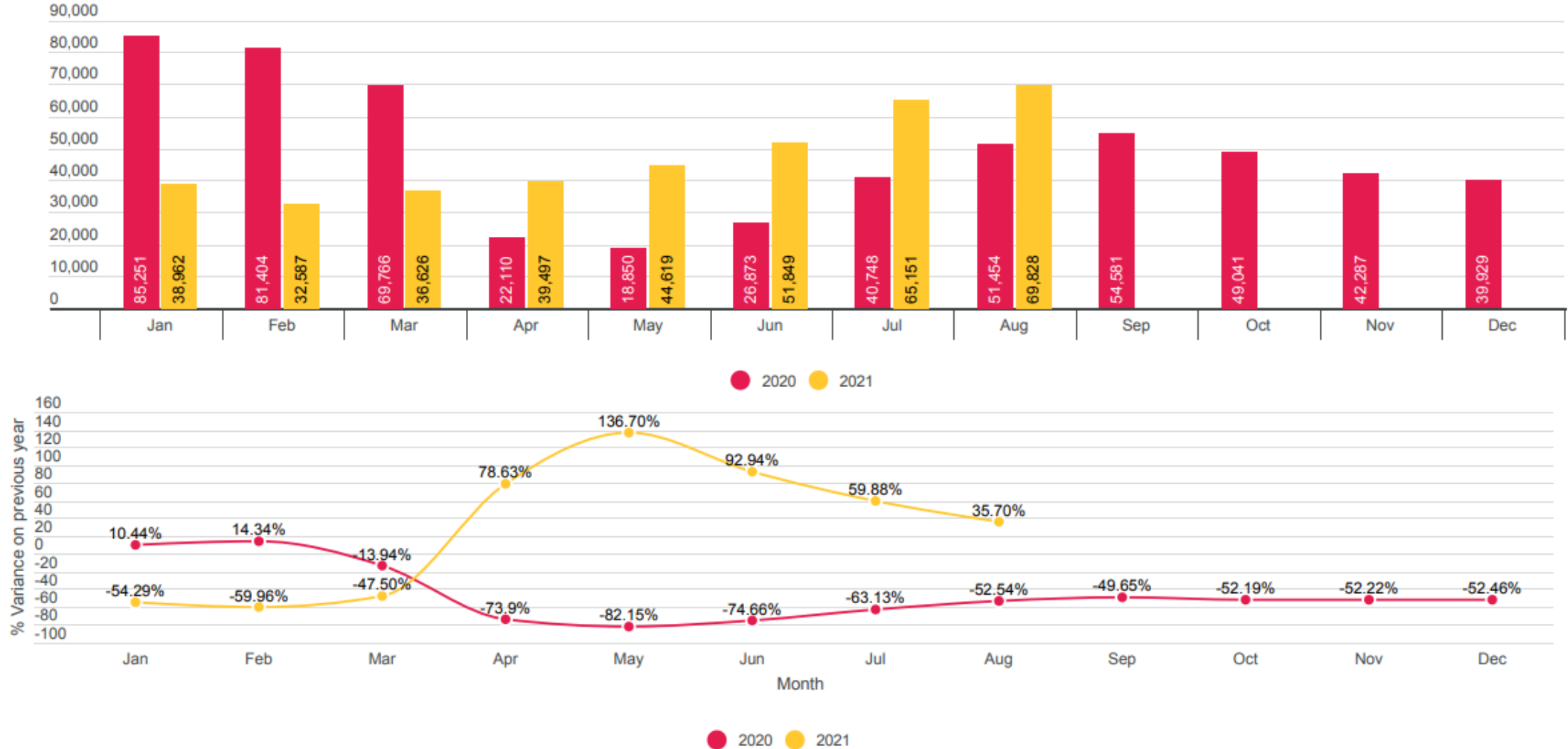


www.eraa.org
twitter.com/eraaorg



Total Movements

european regions airline association



Climate Change Concern is Growing

- › **Paris Agreement** Limit global warming to 2°C, pursue efforts to limit to 1.5°C
- › **IPCC** Limiting global warming to 1.5°C requires net zero CO₂ by 2050
- › **European Green Deal** Ambition for climate-neutral EU by 2050
- › **Aviation Round Table** EU aviation commitment to net zero CO₂
- › **Destination 2050** A roadmap towards net zero CO₂

Project indicated and commissioned by **A4E**, **ACI EUROPE**, **ASD**, **ERA** and **CANSO**



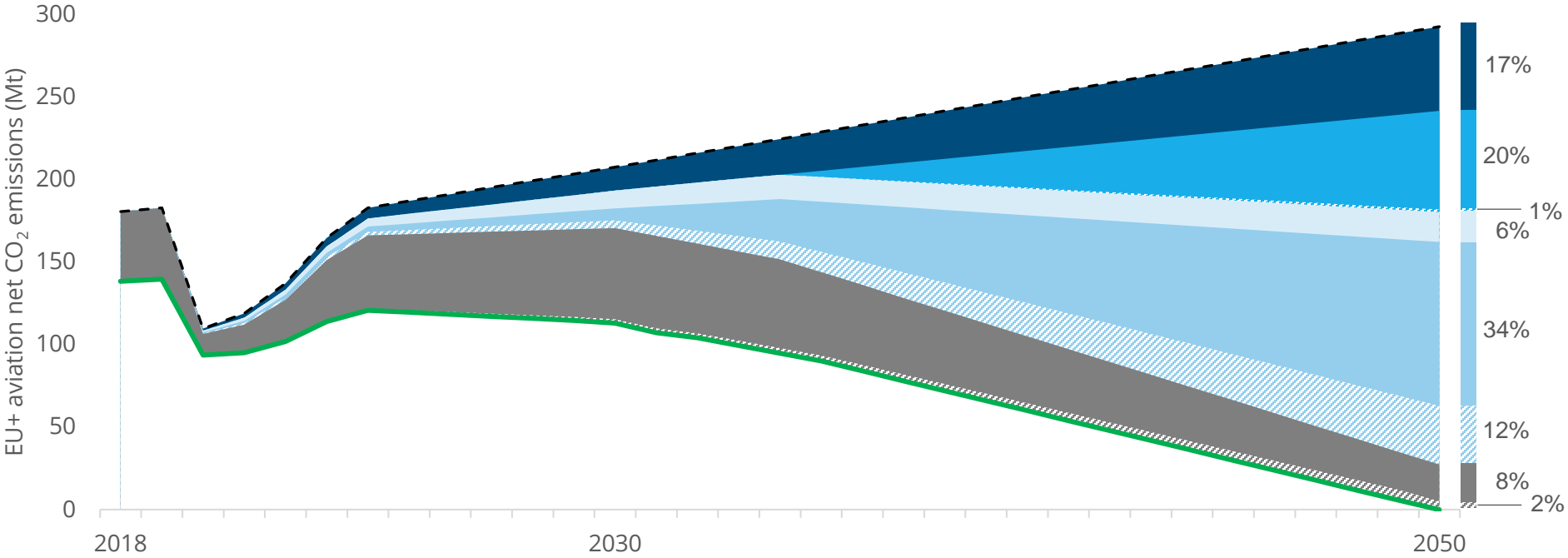
Work performed by research and consulting team of **NLR** and **SEO**



seo

Decarbonisation Roadmap for European Aviation

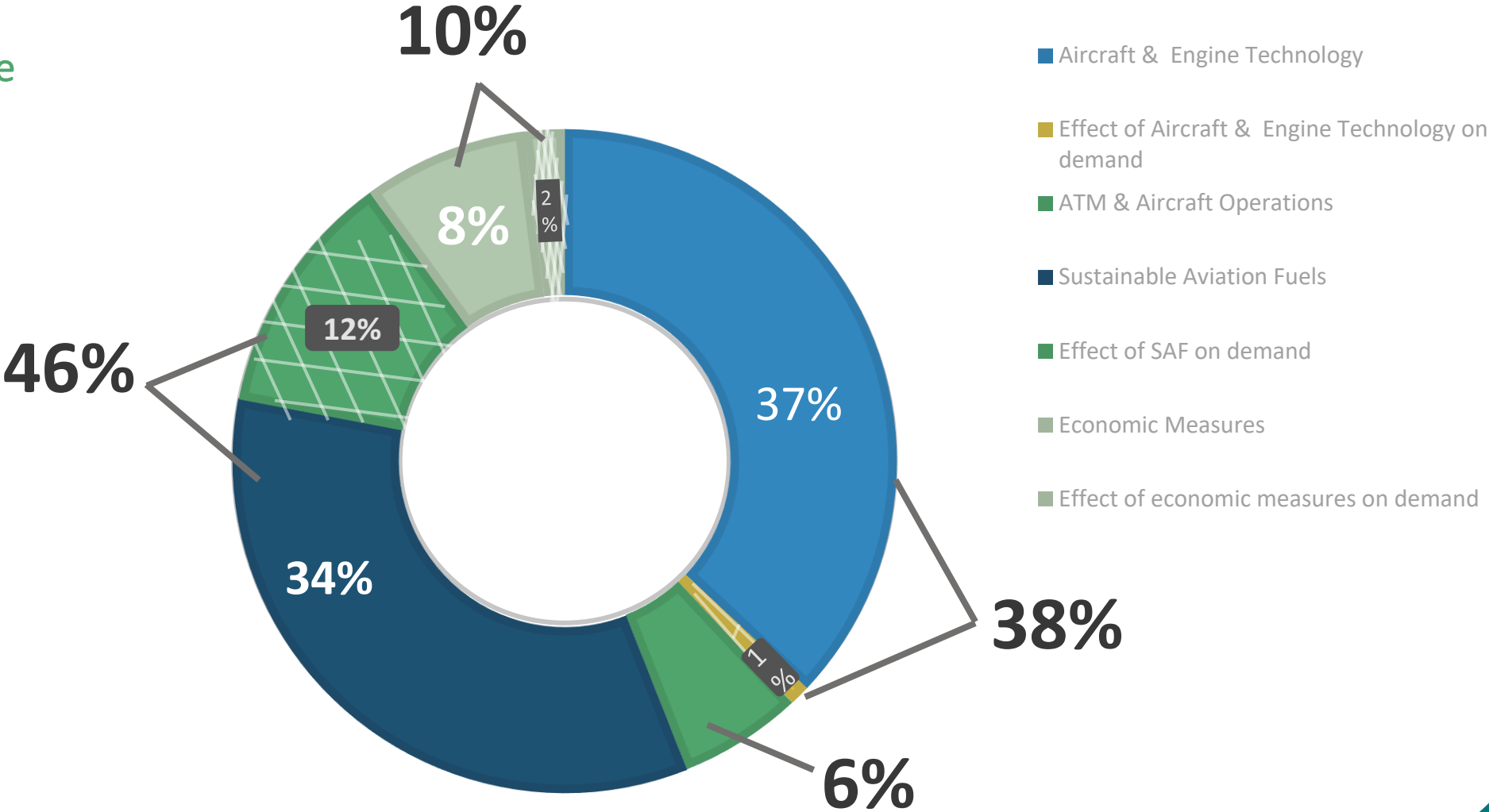
All flights in scope



- Hypothetical reference scenario
- Net CO₂ emissions
- Improved technology (kerosene)
- Improved ATM and operations
- Improved technology (hydrogen)
- Sustainable aviation fuels (SAF)
- Economic measures
- Effect of economic measures on demand
- Effect of hydrogen on demand
- Effect of SAF on demand

Decarbonisation Roadmap for European Aviation

All flights in scope



In summary



- Destination 2050 presents a concrete vision, series of commitments and pathway
- Commitments include:
 - Reaching net zero CO₂ emissions by 2050 from all flights within and departing from the EU
 - Reducing net CO₂ emissions from all flights within and departing from the EU by 45% by 2030 compared to the baseline
 - Assessing the feasibility of making 2019 the peak year for absolute CO₂ emissions from flights within and departing from the EU

In summary



➤ Collaboration is key

- Industry has come together with an unprecedented plan
- Crucially, we now need policymakers and regulators to align with us

➤ EU & Member States must now play their role

- We need a supporting and enabling framework – we cannot deliver without it
- EU Pact for Sustainable Aviation must be driven by EU & realised – and with it a new approach to climate action

Regional aviation and sustainability pressure



Regional segment as
a testing ground
the future green aviation?

Need to justify
the very relevance of
the regional air connectivity

erao 