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**“Chile’s Green Hydrogen Strategy:
Opportunities for aviation”**

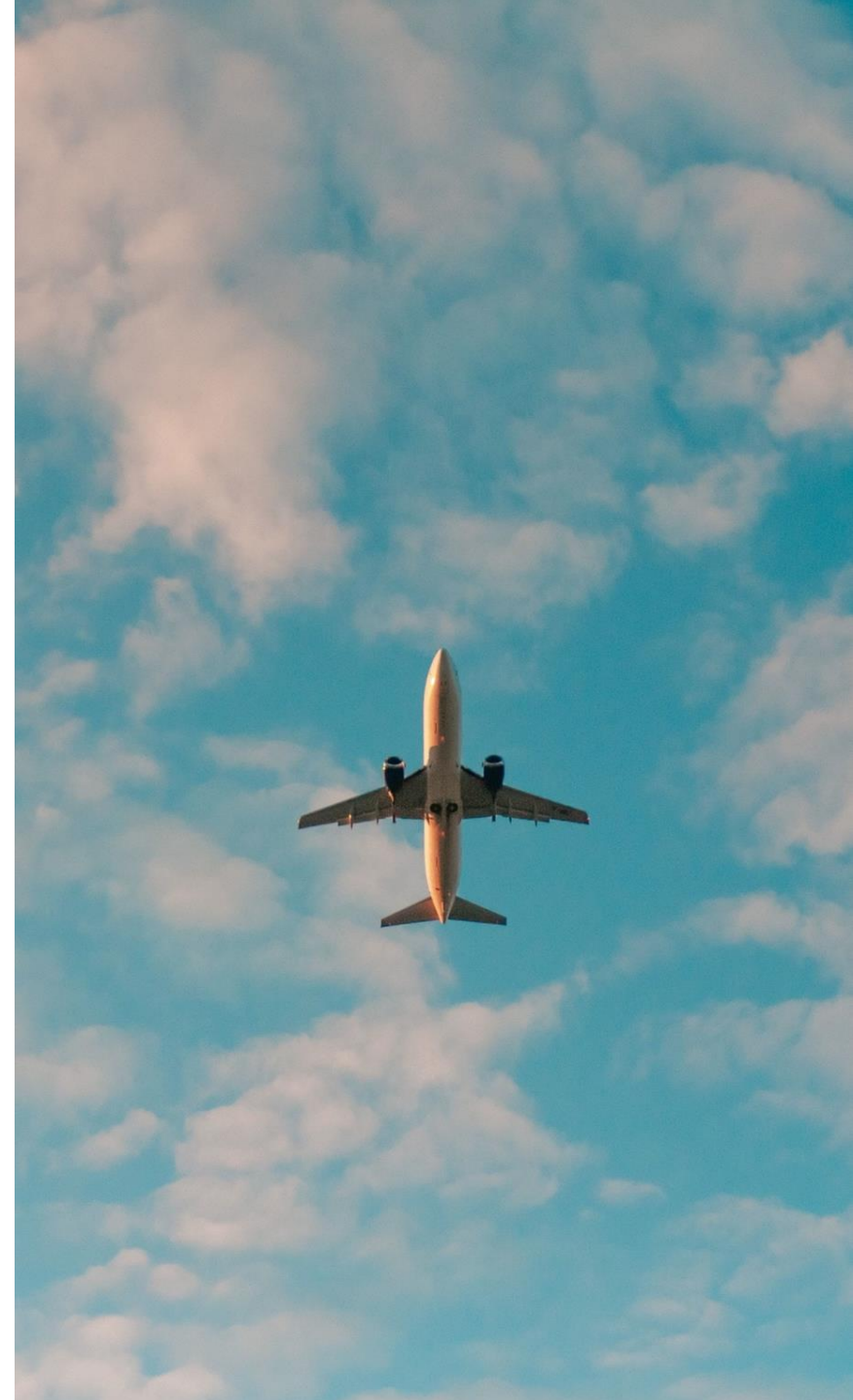
Session 3 – Part II: Navigating Emerging Environmental
Topics at Airports

Agenda

01 Policy Framework

02 Chile's SAF Roadmap 2050

03 Green Hydrogen and *e-fuels* Projects in Chile



Governance



Clean Flight: to promote energy sustainability & public-private collaboration

- Baseline fuel consumption and emissions from domestic and international flights.
 - Operational improvements.
 - Promotion of SAF development.



01. Policy Framework



Long Term Climate Strategy

- Goal 1: Achieve a low-carbon energy matrix by 2050.
 - Target 1.2: By 2040, a 20% reduction in direct GHG emissions from the use of fuels in the transportation sector, including air transportation, compared to 2018.
 - Target 1.3: 40% by 2050.



National Green Hydrogen Strategy

- Produce the cheapest green hydrogen by 2030.
- To be among the world's leading exporters by 2040.
- To have 5 GW of electrolysis capacity under development by 2025.



Green Hydrogen Action Plan 2023-2030

- Focuses and prioritizes the measures for the next decade.
- Defines a roadmap for the deployment of green Hydrogen and its derivatives.
- Defines roles and responsibilities in the State agencies, programming and financing actions.
- Promoted participation along all sectors and territories.

02. Chile's SAF Roadmap 2050



Launching of the SAF Round Table (20/10/22)	Session 1 (24/11/22)	Session 2 (12/12/22)	Session 3 (12/01/23)	Session 4 (16/03/23)	Session 5 (31/05/23)

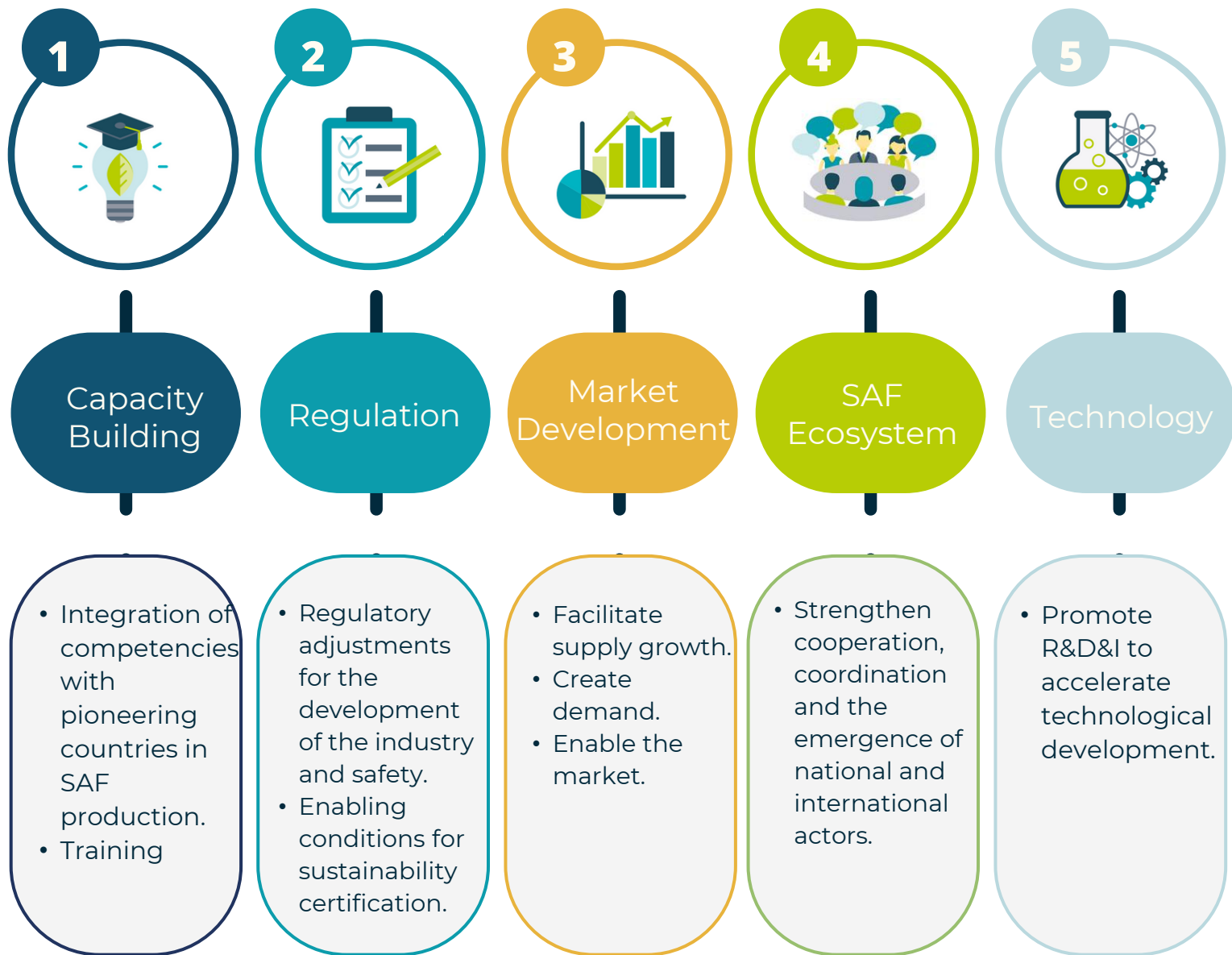
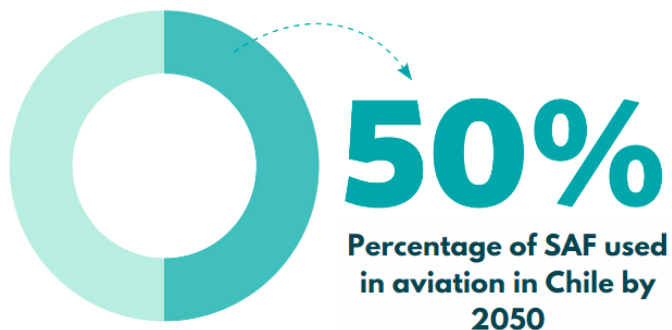




02. Chile's SAF Roadmap 2050

Goal and pillars

OUR AMBITION





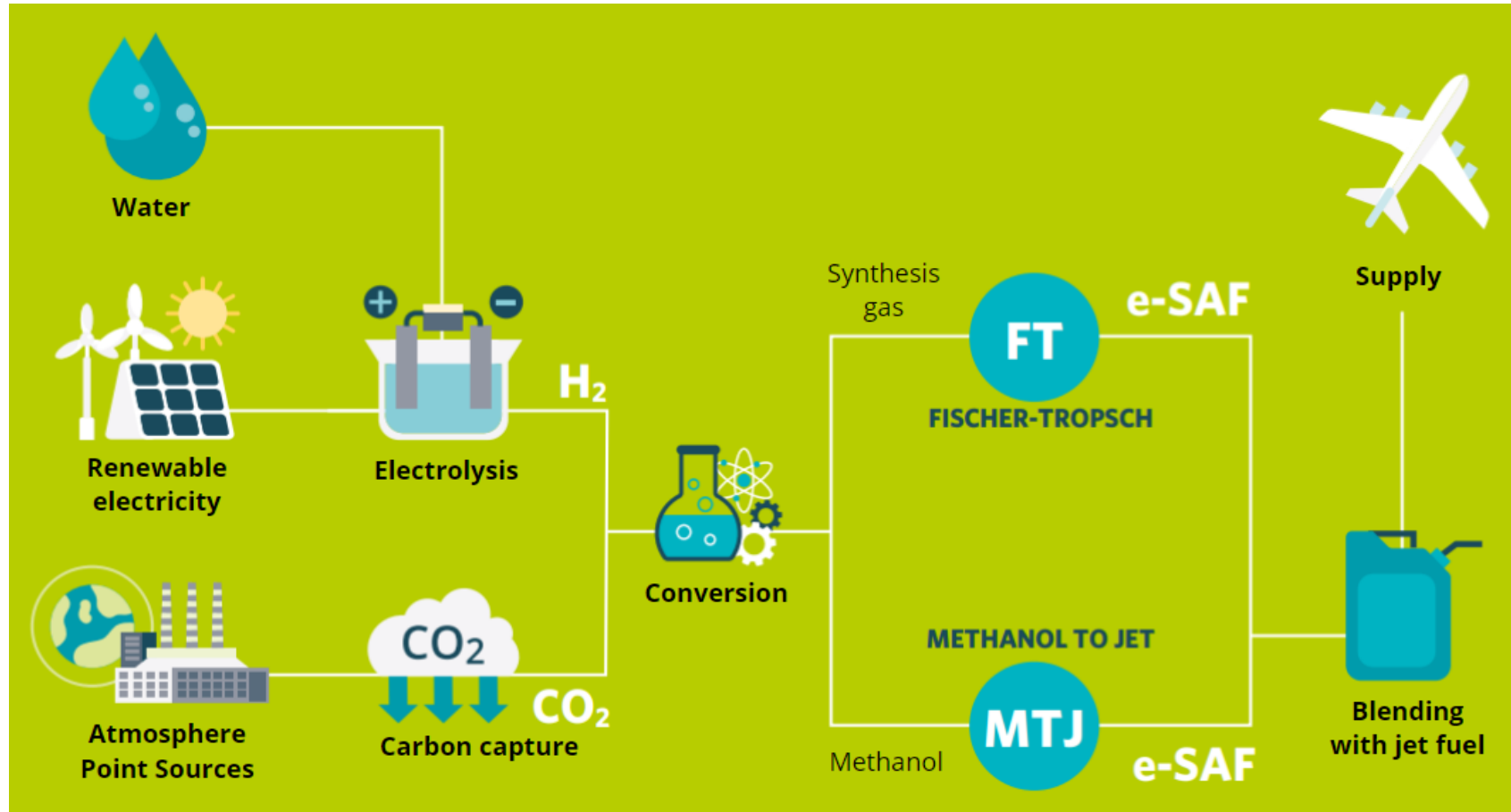
HOJA DE RUTA SAF 2050

Combustibles de Aviación Sostenibles



02. Chile's SAF Roadmap 2050

Green Hydrogen for SAF



03. Green Hydrogen and *e-fuels* Projects in Chile



Haru Oni Demonstration Plant Synthetic fuels

- Investment: USD \$ 74 million
- Wind turbine capacity: 3.4 MW
- eMethanol production: 350 t/a
- eGasoline production: 130,000 l/a
- Exploring the production of eSAF through Methanol-to-Jet.

03. Green Hydrogen and *e-fuels* Projects in Chile

Santiago Airport

Technical support and co-financing programs.



03. Green Hydrogen and *e-fuels* Projects in Chile

The first industrial-scale green hydrogen plant in Latin America.



Haru Oni is the world's first operational e-Fuels plant.



Chilean SAF Roadmap and ACT-SAF feasibility study with special focus on Green Hydrogen.



Santiago Airport aims to become the first in Latin America to operate with green hydrogen.



Thank You

