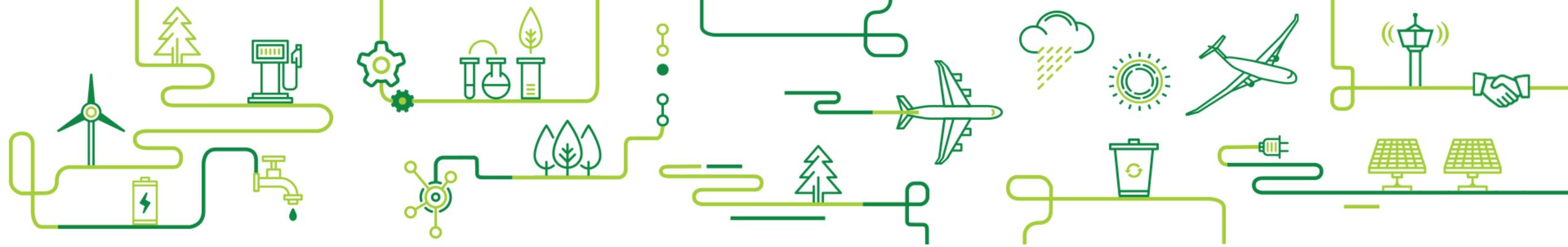




AVIATION CO₂ REDUCTIONS

ONLINE STOCKTAKING
PREVIEW

28 APRIL 2020

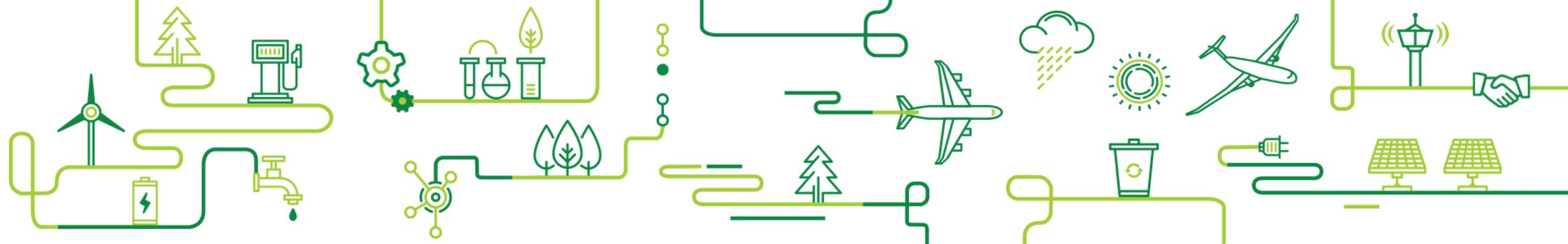


The Stocktaking process, a key for aviation's work on feasibility of a Long Term Aspirational Goal (LTAG)

Jane Hupe

Deputy Director, Environment, Air Transport Bureau
International Civil Aviation Organization

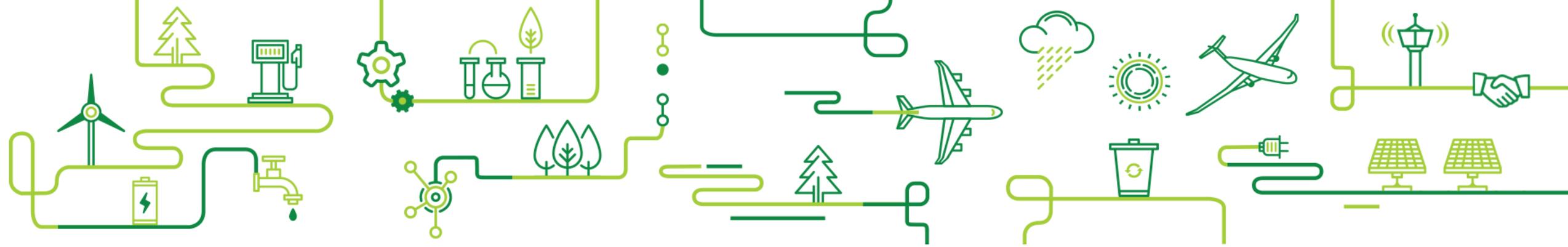




ICAO 40th Assembly (2019) – exploration on feasibility of a Long-Term Global Aspirational Goal (LTAG) for international aviation

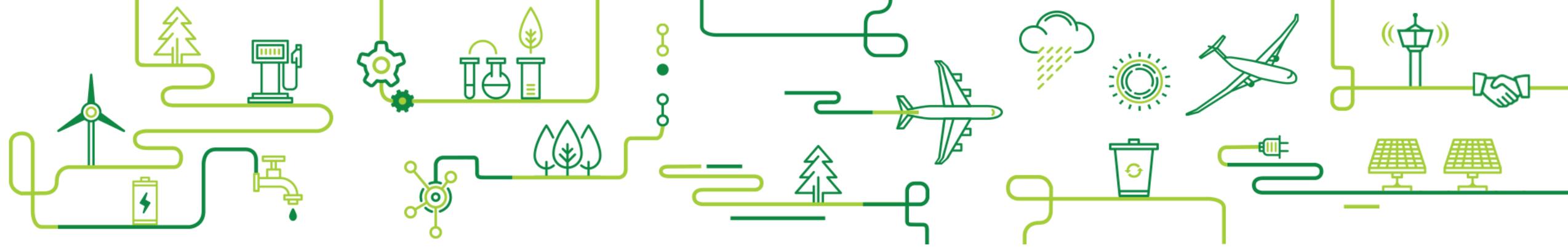
Resolution A40-18, paragraph 9:

The Assembly... Requests the Council to continue to **explore the feasibility of a long-term global aspirational goal for international aviation**, through conducting detailed studies assessing the attainability and impacts of any goals proposed, including the impact on growth as well as costs in all countries, especially developing countries, for the progress of the work to be presented to the 41st Session of the ICAO Assembly. Assessment of long-term goals should include information from Member States on their experiences working towards the medium term goal;



OVERALL LTAG PROCESS

- Facilitate the involvement of relevant stakeholders outside the aviation sector to collect all information (stakeholder process)
- Ensure that the best expertise is available for the assessment of the data, for the development of scenarios and for the assessment of the cost and benefits of scenarios (CAEP support)
- ICAO Governing bodies to be informed and consulted during the process
- Ensure a transparent and inclusive process when consulting with states
- Provide a forum for the agreement of the possible options prior to the next ICAO Assembly

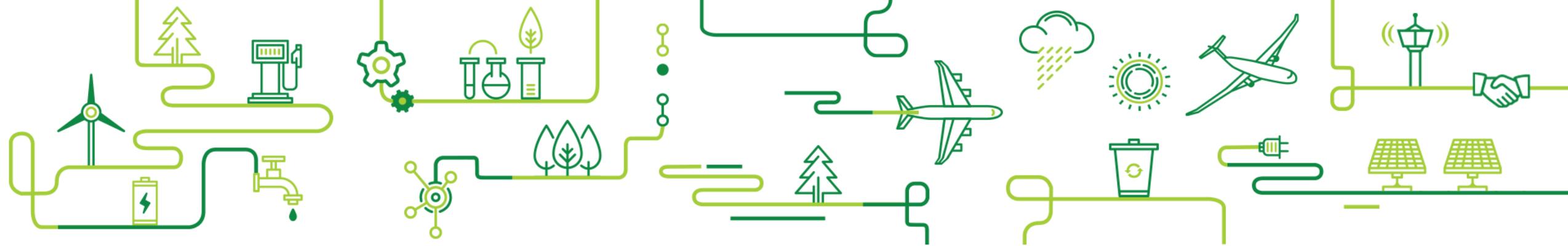


The role of CAEP in support of LTAG work

The ICAO Committee on Aviation Environmental Protection (CAEP) is supporting the work on the LTAG, considering the following points:

- To the maximum extent possible, the work should **utilize existing ICAO work, and external input.**
- **The work should be transparent and inclusive.**
- Consider **capacity building and assistance** to developing States, and technology transfer.
- Consider the protection of **proprietary data** with appropriate measures.

CAEP will support the LTAG work on 1) data gathering, 2) scenario development, and 3) further analysis of scenarios

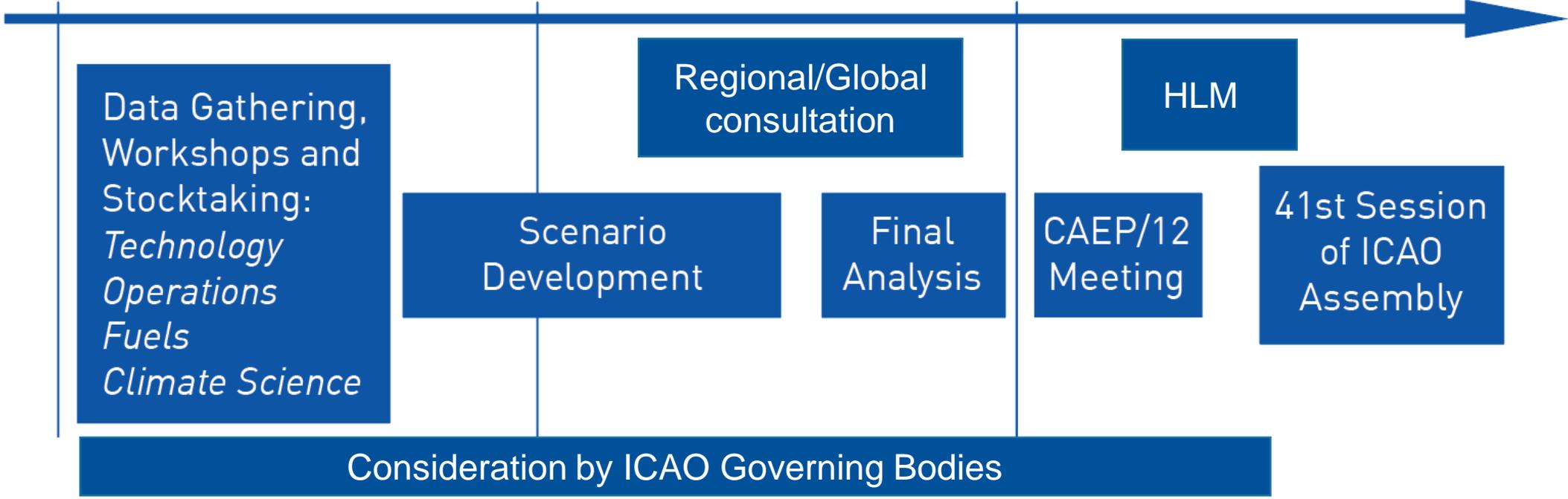


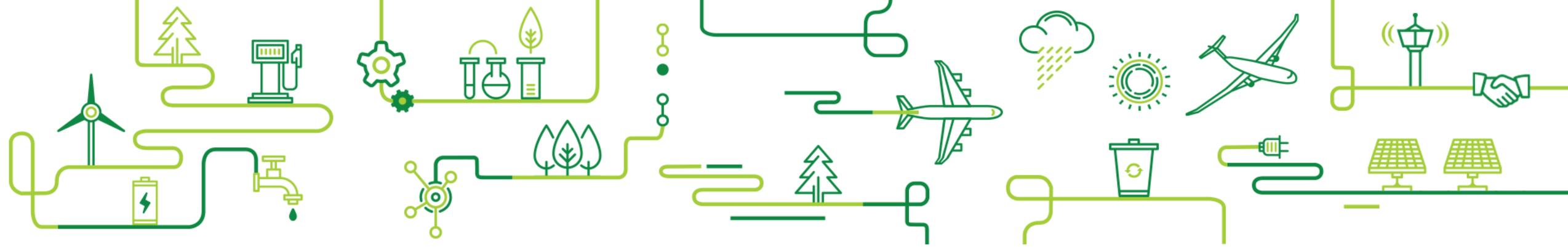
General LTAG Work Timeline

2020

2021

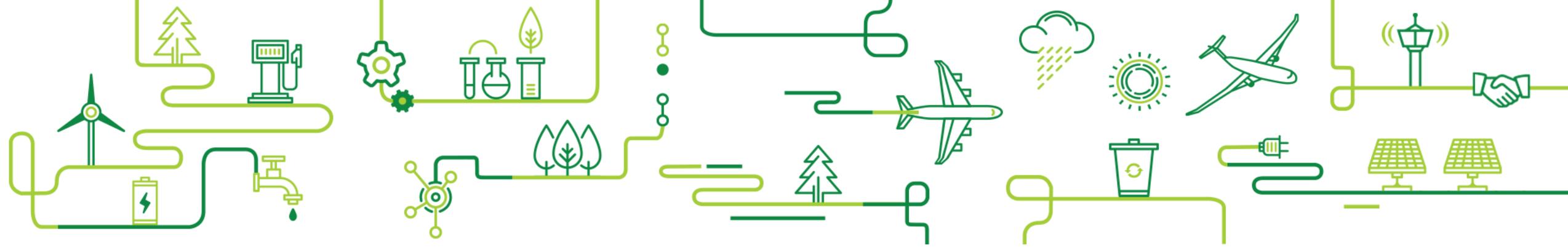
2022





LTAG Work and COVID-19 Impacts

- Initial assessment on the impacts of 2020 CO₂ emissions reductions from international aviation caused by COVID-19 is underway
- High uncertainty remains with regard to various scenarios of the aviation industry recovery and associated CO₂ emissions from 2021 onward
- Other consequences, such as deployment of sustainable solutions and new technological developments and research
- For the ICAO Stocktaking Seminar (8 to 10 September 2020) we will be in a much better position to address those challenges / opportunities



“The best way to predict the future is to create it”

The process of carving a sustainable future for aviation requires

- active and transparent participation and consultation
- a solid data driven basis
- strengthening the means of implementation and
- global partnerships

Time is of essence in view of outcome expected for the 41st Session of the Assembly



AVIATION CO₂ REDUCTIONS

STOCKTAKING SEMINAR
TECHNOLOGY · OPERATIONS · SUSTAINABLE AVIATION FUELS

8 - 10 September 2020
ICAO Headquarters (Montréal, Canada)

- **Challenges, trends and perspectives**
- **Energy requirements for aviation**
- **Leaders' roundtable: a new vision for the future**
- **Advanced aircraft technologies**
- **Air traffic optimization**
- **Novel aircraft technological concepts**
- **Flight efficiency improvements**
- **Clean energy**
- **Sustainable Aviation Fuels: state of play**
- **Airport infrastructure**
- **Fuel environmental sustainability**
- **Passenger-focused opportunities**
- **SAF competitiveness and scale-up**
- **Boosting innovation and implementation**
- **Financing emissions reductions**

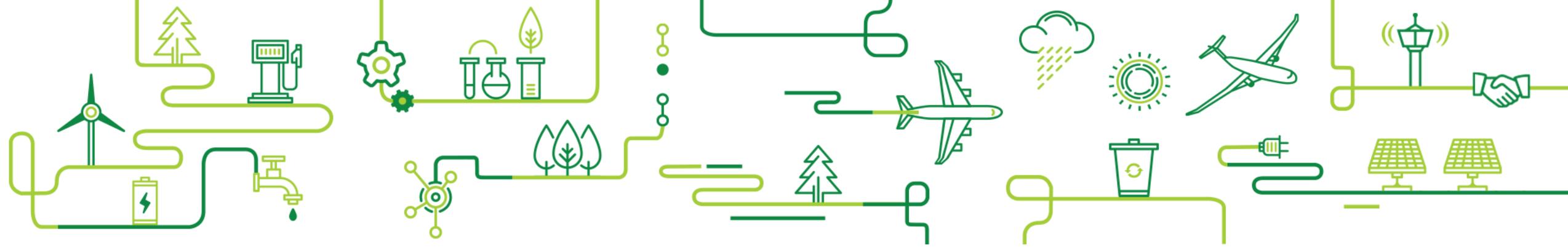


See you at the ICAO Stocktaking

How to get involved

- **Register** for the ICAO Stocktaking Seminar (8 to 10 September 2020)
- Respond to the **Questionnaire** on CO₂ emissions reductions
- Submit a **Video** that can be shared on the ICAO webpage
- **Exhibit** your work in a booth during the Stocktaking Seminar
- **Share** these details with your colleagues, partner organizations, and alma mater
 - Academics will have the chance to showcase their work in a **Poster** session

Contact officeenv@icao.int for more information



**THANK YOU FOR YOUR
PARTICIPATION**

KEEP SAFE

Thank You

