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SEMINÁRIO INTERNACIONAL DE COMBUSTÍVEIS DE AVIAÇÃO



Flight Plan towards Sustainable Aviation Biofuels in Mexico

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Río de Janeiro, Brazil
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Objectives



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- The purpose of the Flight Plan was to identify and analyze the **existing** and **missing** elements in the supply chain of aviation bio-fuels
- Involve all interested stakeholders
- Looked to:
 - **Focus** efforts of civil, governmental, private and research organizations, intent on the production of aviation bio-fuels
 - **Analyze** the legal framework, raw materials availability, refining facilities, supply processes and economic viability
 - **Integrate** the talents and knowledge of participating sectors

Organizers and Sponsors



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- National Council for Science and Technology (CONACyT)
- Center for Strategic Competitive Studies (CEEC)
- Roundtable on Sustainable Biofuels (RSB)
- The Boeing Company
- Aeropuertos y Servicios Auxiliares (ASA)

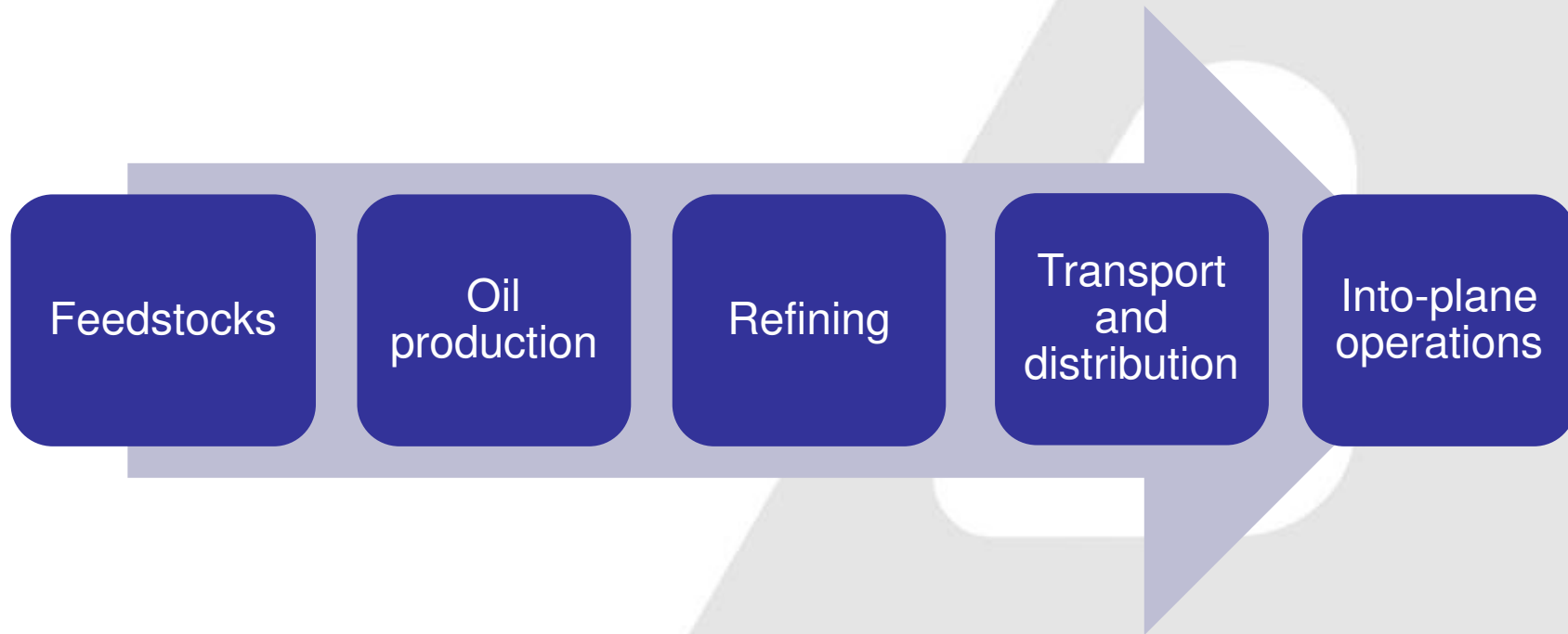
Focus on the Supply Chain



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- Identify the key elements of the supply chain:

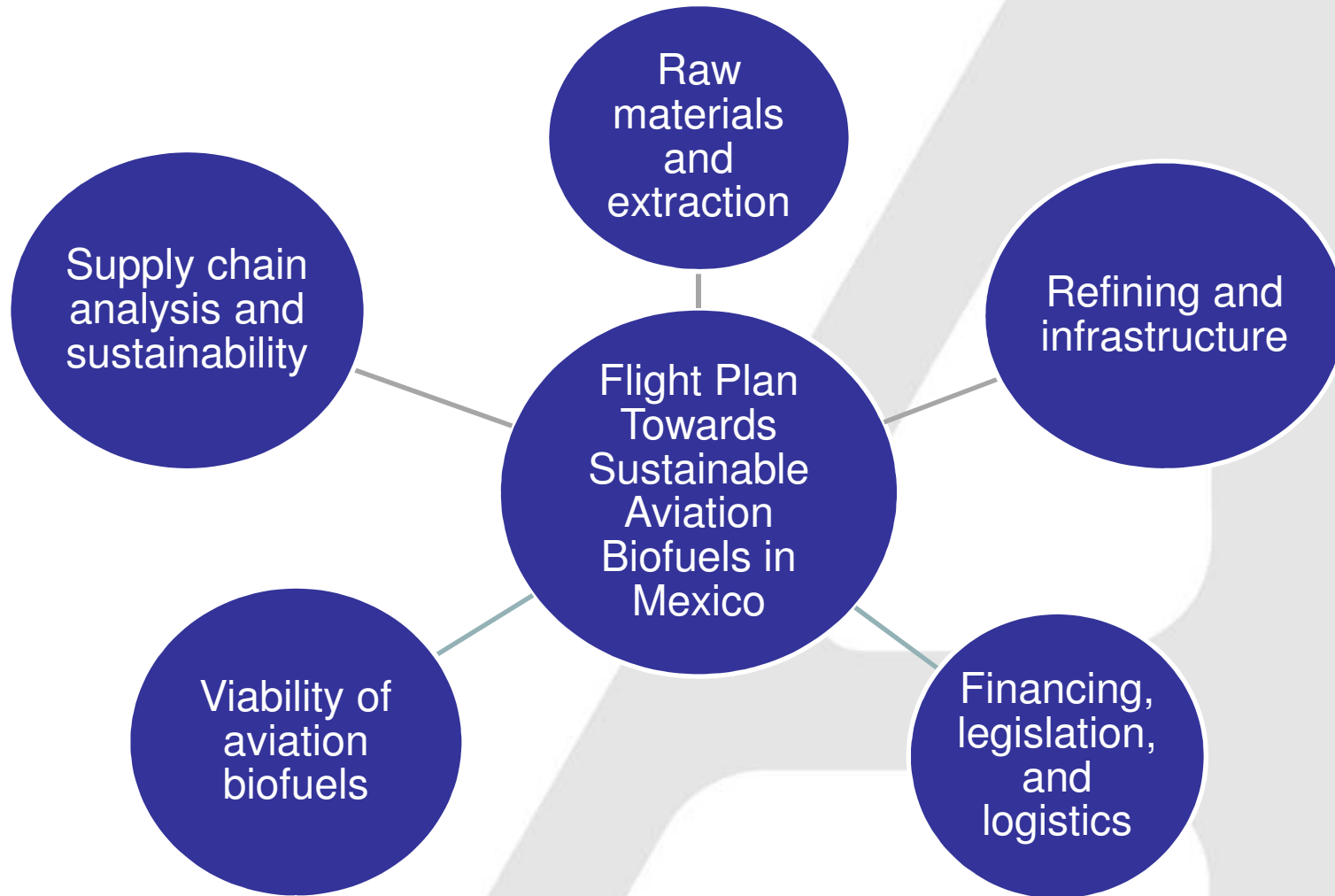


Flight Plan Structure



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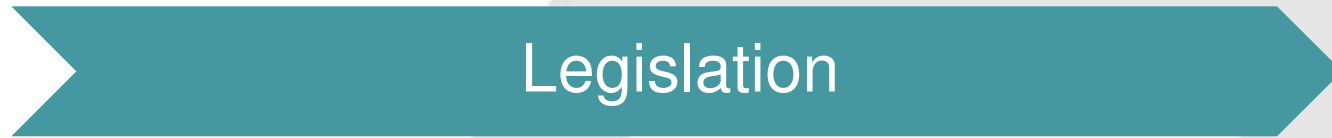
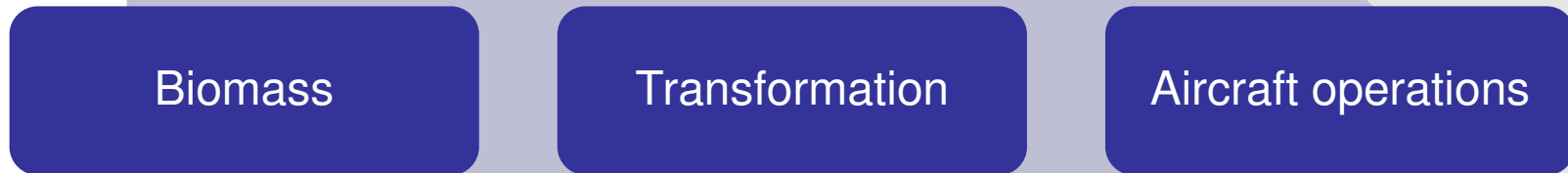


A more General View



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Biofuel Flights



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- On April 1st, the first demonstration flight was made with a 27% Mexican *Jatropha curcas* based bio-SPK and 73% Jet A-1 blend
- July 21st 2011, first two commercial flights in America with a 27% Jatropha Bio-SPK and 73% Jet A-1 blend
- August 1st 2011, first transatlantic flight with a 25% Jatropha Bio-SPK and 75% Jet A-1 blend
- October 3rd 2011, supplier of a 25 % Camelina Bio-SPK and 75% Jet A-1 blend for Iberia's Green Flight
- 52 flights, one per week to San José de Costa Rica with Aeroméxico, 25% Camelina Bio-SPK and 75 % Jet A-1



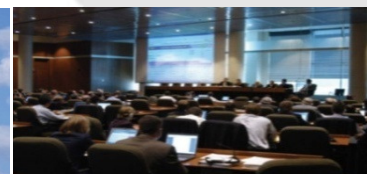
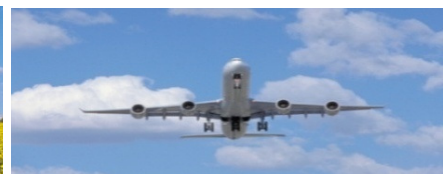
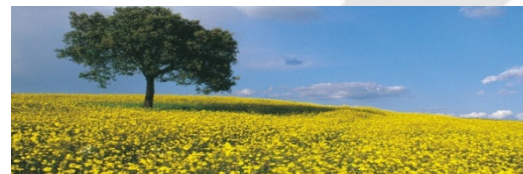
Conclusions



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- The path forward is full of challenges:
 - Feedstocks
 - Competitive price
 - Legal framework
 - Financing
- **Sustainability** is a **KEY** element for the viability of alternative aviation fuels





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Thank you!



<http://www.asa.gob.mx>

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Closing the gap



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