### The Future of Jet Fuel and Sustainable Aviation Fuel

*Post-COVID recovery, long-term outlook to 2050, decarbonization impacts, sustainable aviation fuels, and new technology and players* 

**Multi-Client Study Prospectus** 



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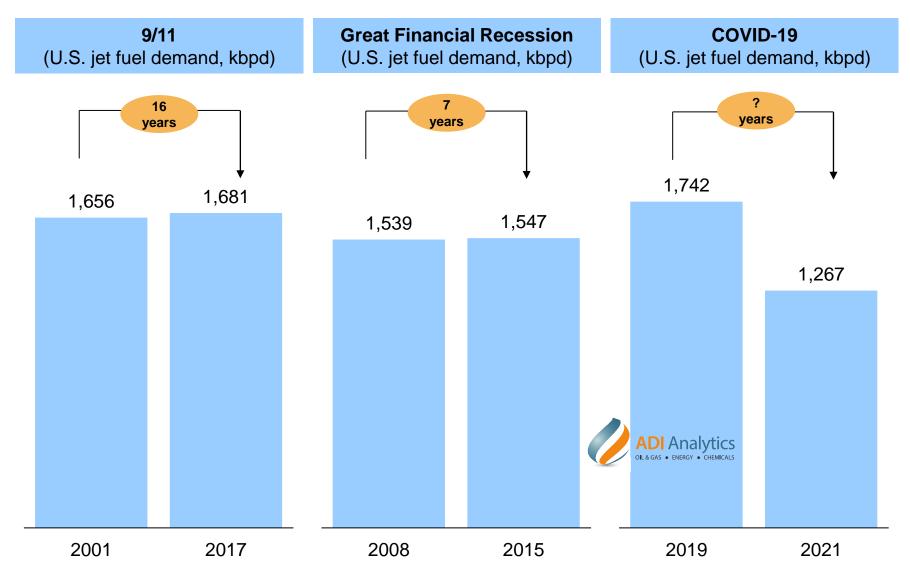
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### Outline

#### Study Prospectus

About ADI

## Jet fuel markets have taken a very long time to recover from past demand disruptions



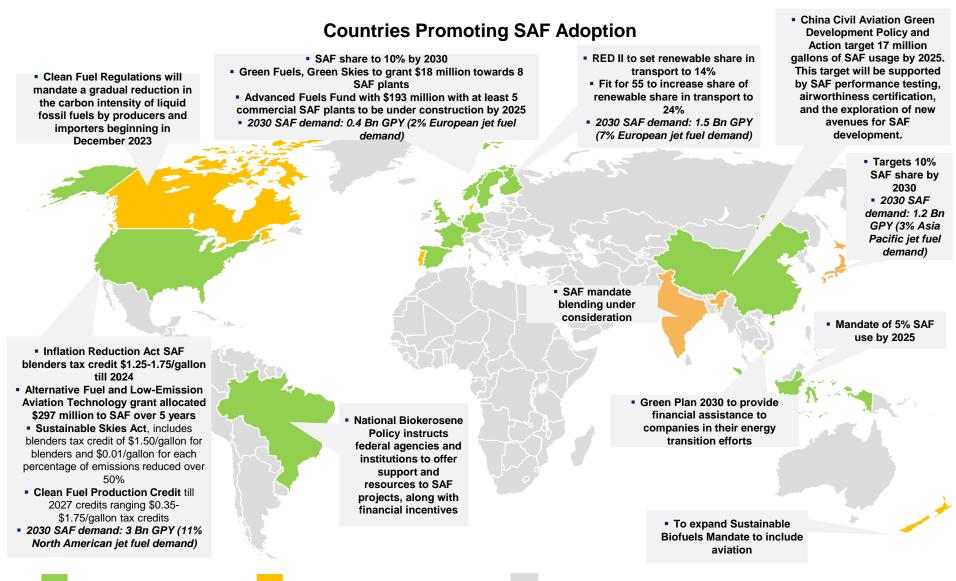
# Jet fuel markets face a very slow recovery post-COVID in the short term and critical disruptive challenges in the long term

#### **Background and strategic questions**

- Jet fuel markets are in a deep slump today due to COVID-19 and expectations for a quick recovery from pent-up economic and consumer demand have been stunted by new infection waves
- Historical analysis shows that prior demand disruptions, e.g., following 9/11 and the Great Financial Recession, took much longer to recover from
- Simultaneously, Energy Transition and decarbonization momentum is gaining pace very quickly posing a number of long-term challenges to the outlook for jet and aviation fuel markets

Α	
Demand / supply	<ul> <li>What will post-COVID jet fuel demand look like? Will it recover to 2019 levels?</li> <li>What do post-COVID demand drivers for jet fuel looks by region and why?</li> <li>What is jet fuel supply outlook including sustainability aviation fuels?</li> </ul>
В	
Regulations and innovation	<ul> <li>How are policies and regulations shaping aviation and jet fuel markets? Why?</li> <li>What innovation and technologies will allow decarbonization in aviation fuels?</li> <li>Which technologies are likely to achieve commercial status and scale?</li> </ul>
C	
Value chain participants and strategic implications	<ul> <li>How are jet fuel customers and suppliers adjusting strategies? Why?</li> <li>Who is likely and succeed and where? Implications for supply and demand?</li> <li>What should jet fuel value chain participants do and prepare for the future?</li> </ul>

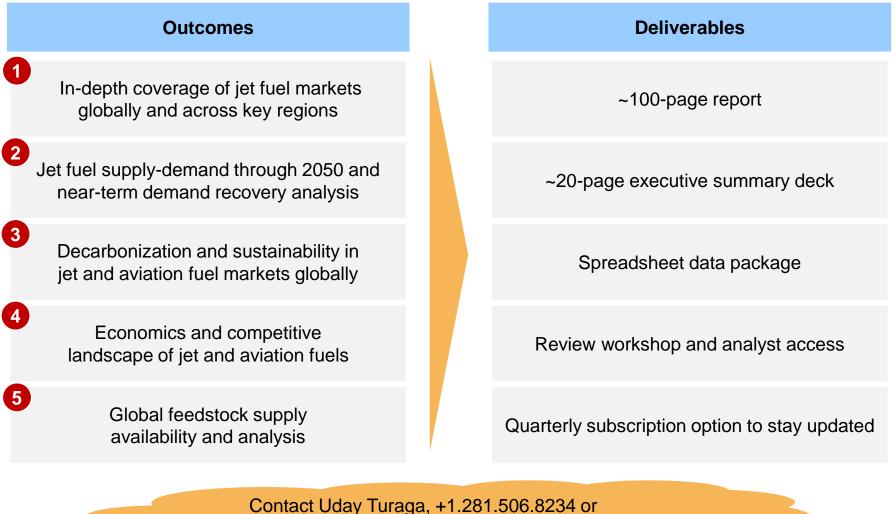
# A handful of countries in Europe along with the U.S. are driving SAF adoption policies



## These factors will be addressed by ADI's multi-client study as reflected by its comprehensive table of contents

1	<b>Executive Summary</b> Key conclusions, findings, and strategic implications with a review workshop and data spreadsheet	7	Low-Carbon / Sustainability Aviation and Jet Fuels Inventory and profiles of sustainable aviation and jet fuel supply processes, pathways, and technologies
2	<b>Jet Fuel Demand Outlook to 2050</b> Forecasts for jet fuel demand by type through 2050 with key drivers and corresponding scenarios by region	8	Sustainable Aviation Fuel Market Drivers Population / economic growth, business / consumer travel, infrastructure investments, regulations / policies
3	Jet Fuel Demand Recovery Post-COVID Analysis of jet fuel demand recovery pathways and drivers including historical recovery analyses	9	<b>Cost and Economic Analysis</b> Regional and technology analyses around costs and economics of various jet fuel supply options
4	Jet Fuel Supply Outlook to 2050 Jet fuel supply outlook by region through 2050 in key scenarios including new, sustainable supply options	10	<b>Corporate Landscape Analysis</b> Lists of key jet fuel users and their initiatives around long-term decarbonization and sustainability improvements
5	<b>Aviation and Jet Fuel Regulatory and Policy Review</b> Review of policies and regulations on decarbonization and sustainability of aviation and jet fuels	11	Suppliers' Competitive Analysis Lists of key jet fuel suppliers including new technology and process developers and competitive landscaping
6	<b>Decarbonization Challenges in Jet Fuel Value Chain</b> Aviation and jet fuel value chain's carbon footprint and challenges with decarbonization	12	<b>Strategic Implications and Opportunity Analysis</b> Findings and conclusions, strategic implications, risks and mitigation strategies, and opportunity analyses for jet fuel suppliers

## Key deliverables of ADI's "Future of Jet Fuel and Sustainable Aviation Fuel" study



info@adi-analytics.com to purchase this study.

### Outline

- Study Prospectus
- About ADI

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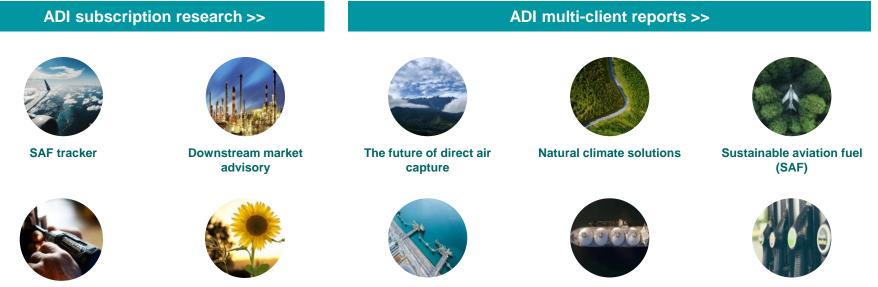
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Critical minerals and energy transition

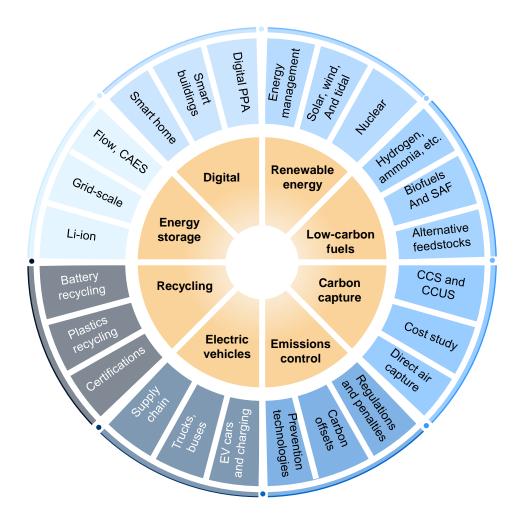
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