

A faint, light blue world map is visible in the background of the slide, centered behind the title text.

## Better Data – Better Decisions

### JODI Milestones and implications to the IEF Research Agenda

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# Overview

JODI Milestones

Implication to the IEF Research Agenda

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## JODI Milestones

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# IEF Ministers' Inspiration since 2000

The **7th International Energy Forum** host and the co-host statement emphasised the importance of “**improving and timely accessing to energy data**” for “**market assessment and transparency**”.



And **8 JODI Partner Organisations** responded to the call.



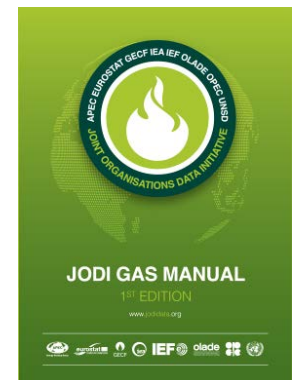
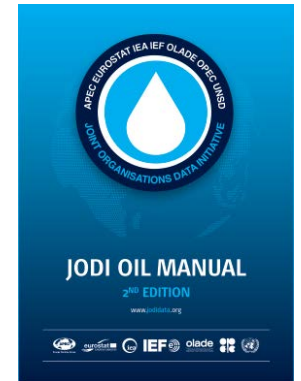
**JODI-Oil** World Database Public Launch  
Riyadh, November 2005



**JODI-Gas** World Database Public Launch  
Moscow, May 2014

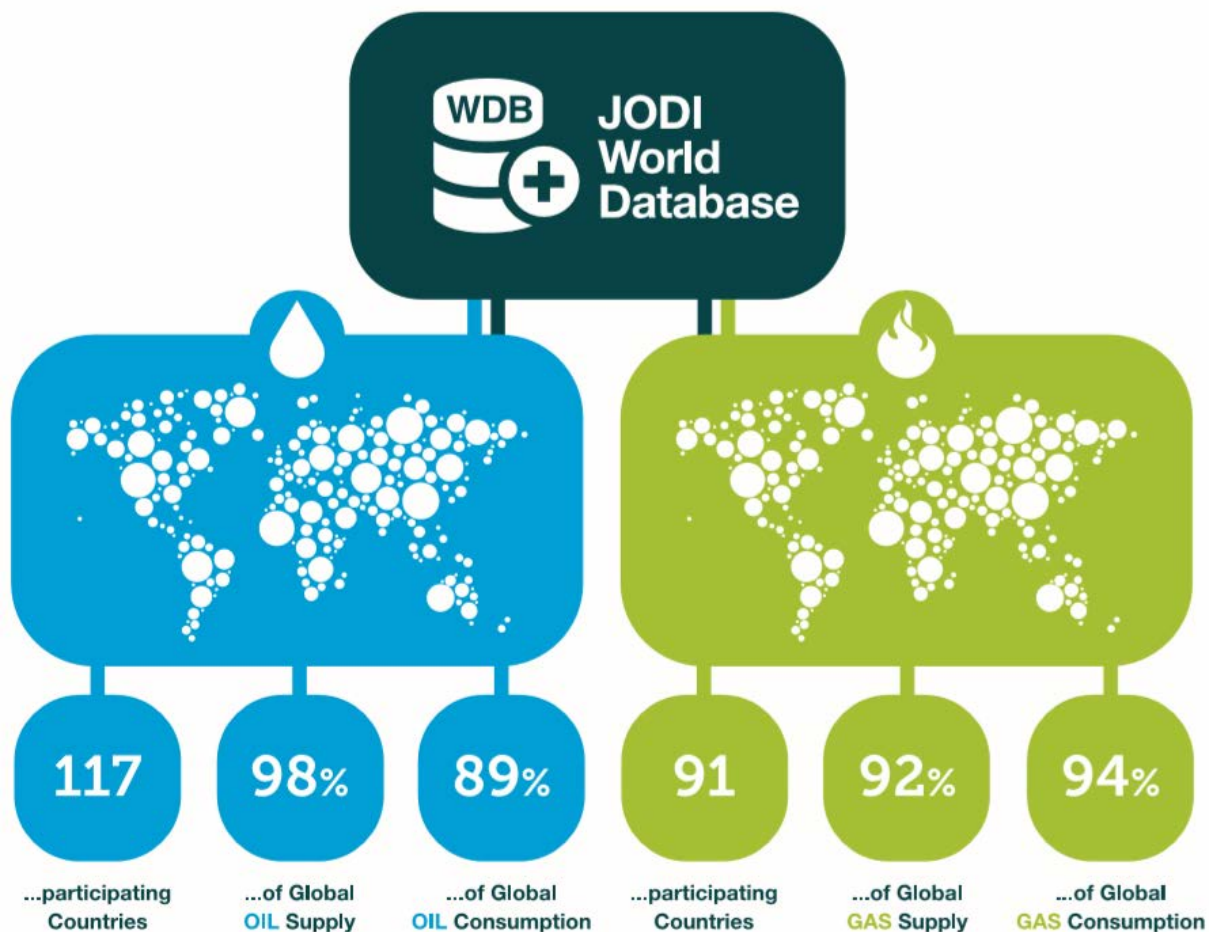
# Key milestones

- 2000: JODI-Oil was set up by (APEC/EUROSTAT/IEA/OLADE/OPEC/UNSD)
- 2005:** The IEF Secretariat assumed the role of JODI Coordinator  
**JODI-Oil world database (90+ Countries) public launch**  
with **JODI-Oil Manual** and its **Capacity Building Programme**
- 2009: JODI-Gas was set up
- 2012:** **Extended JODI-Oil data** set released  
with **JODI-Oil Manual 2<sup>nd</sup> Edition**
- 2014: GECF became a JODI Partner
- 2014:** **JODI-Gas world database (75+ Countries) public launch**  
with **JODI-Gas Manual** and its **Capacity Building Programme**
- 2017: Cooperation agreement with Argus, Bloomberg and Refinitiv





# Key figures



Source: "What is JODI?" Infographic (2019 Version)

≈750

The number of **professionals trained** through the JODI Capacity Building Programme

20+

**Training Workshops** delivered by JODI Partners around the globe since 2006



13,000+

**JODI Oil and Gas Manual** downloads since 2011

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JODI Milestones

Implication to the IEF Research Agenda

# IEF Research Agenda

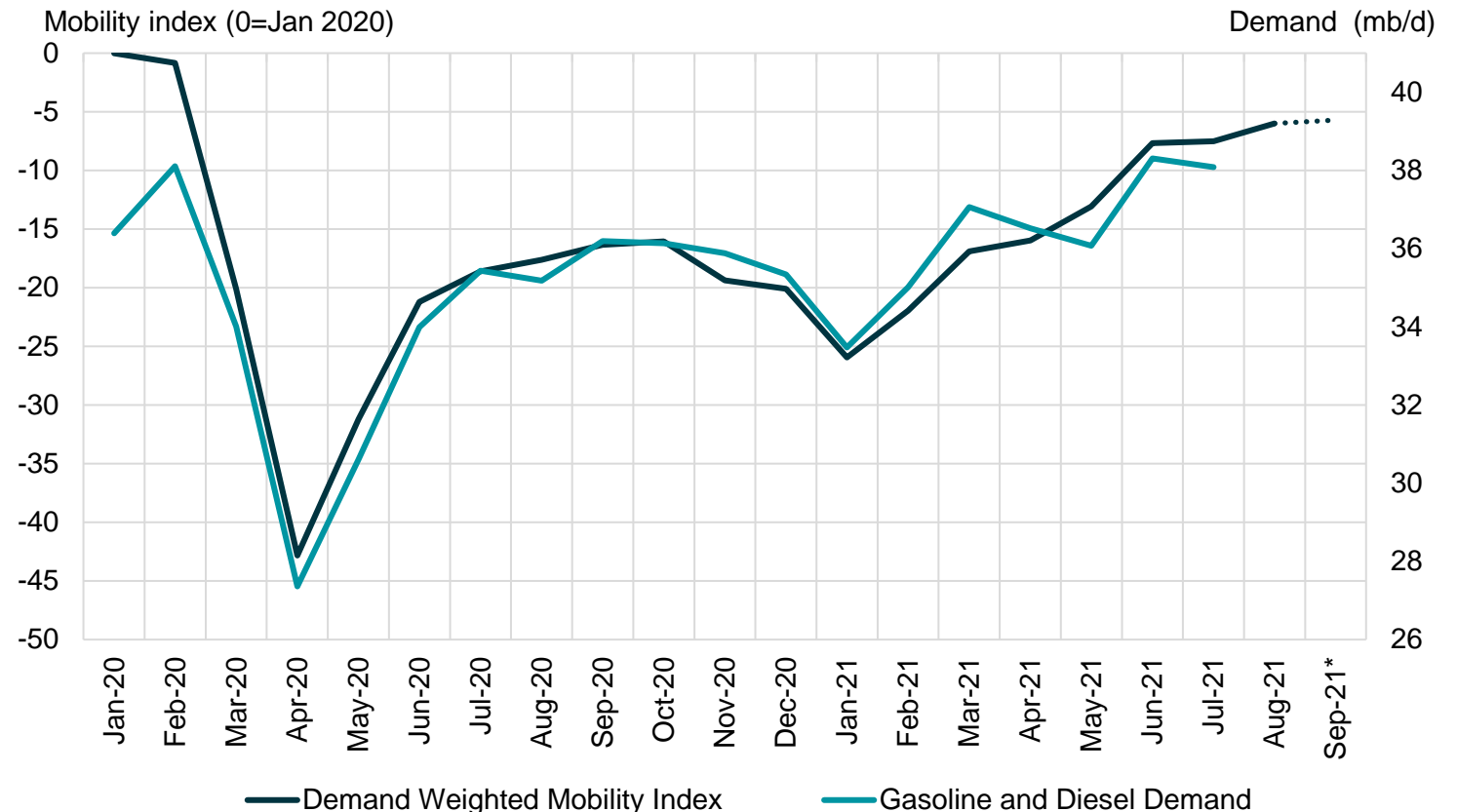
Priority Themes	Policies & Governance	Energy Technologies & digitalisation	Investment, Funding & strategies
<i>Post Covid Recovery (2021-2022 theme)</i>	Deliverables to G20 Working Groups	Oil demand outlook in times of a market dislocation: non-traditional metrics (April onward)	Financing the “gap” in EM: focus on Latin America
<b>1. ESG and Sustainability</b>	Population expectations / trade-offs	Methane Initiative	Carbon data transparency
<b>2. Market Stability / Global Energy Governance</b>	Energy pricing	Clean Tech R&D funding	Business models for new fuels in old infrastructure (hydrogen)
<b>3. Energy Security</b>	What does it mean in the era of net-zero?	Infrastructure security: new threats, new strategies	Need for dredging/infrastructure investment (March)
<b>4. Energy Access &amp; Poverty</b>	<i>Focus on India:</i> between States and federation	Mobile and energy: synergies and opportunities; <i>focus on Africa</i>	Financing LNG / Gas advocacy 2.0



# Non-traditional metrics as a leading indicator for demand

- In April 2021, IEF published its 1<sup>st</sup> report in “Post-COVID Recovery Energy Monitor” series with a focus on mobility metrics.
- Latest data shows incredible demand recovery of 1H21 is beginning to plateau
  - Asian demand (ex. India) slowed in late summer
  - Europe and US saw summer surge
- Seasonal elements + COVID variants will likely stall transportation fuel demand recovery through end-year

57 JODI Countries: Gasoline and Diesel Demand and Google Mobility Index



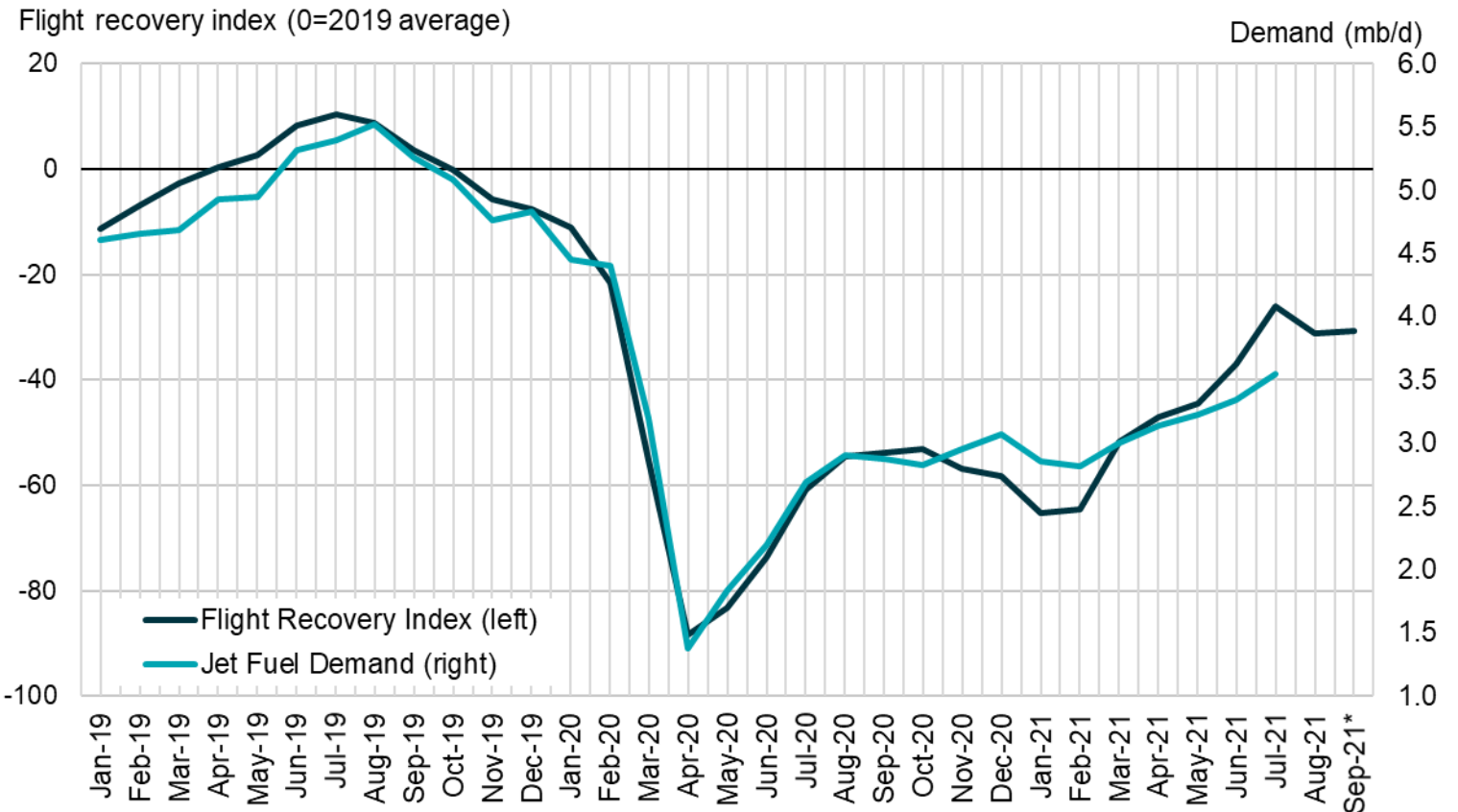
\*Data for Sep 1-14

Source: IEF, JODI Oil Database, Google Community Mobility Report

# Flight data shows cooling in Aug in US and Asia (ex. India)

- In June 2021, IEF published its 2<sup>nd</sup> report in “Post-COVID Recovery Energy Monitor” series with a focus on aviation metrics.
- International travel continues to lag domestic.
  - In July, int’l travel was still 73% below July 2019 levels, while domestic flights were only down 16%.
- Recovery remains very uneven across geographies.
  - “Zero-COVID” measures in many Asia and Oceania countries has kept international travel as much as 90% below pre-pandemic levels.
- Seasonal trends and COVID variants may mean we’ve seen peak jet fuel demand for the year.

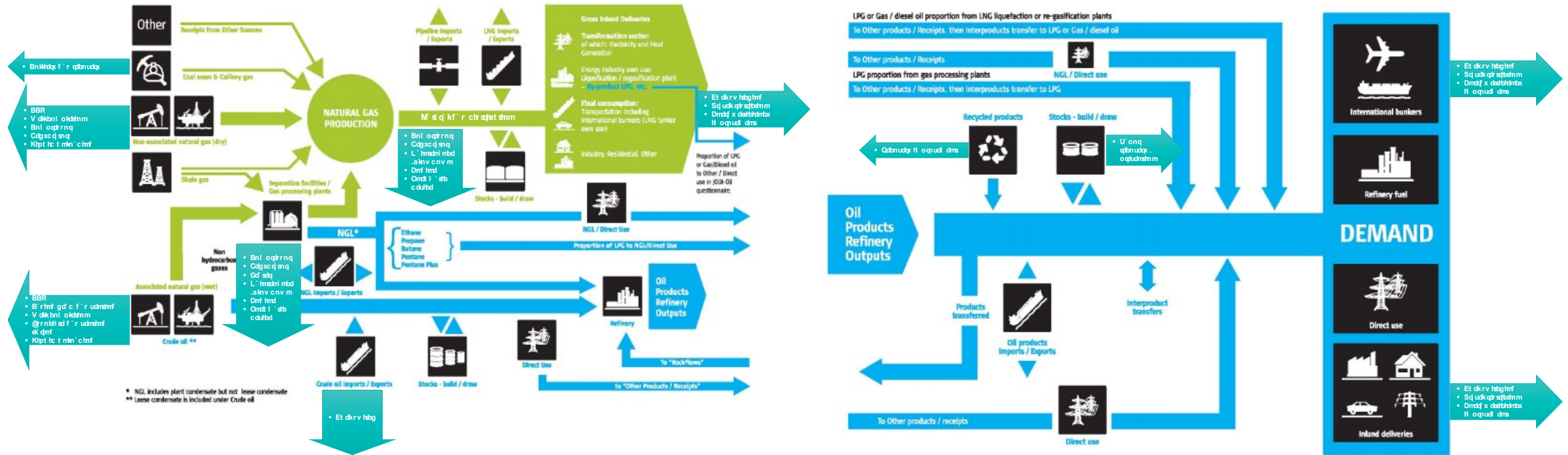
## 40 JODI Countries: Jet Fuel Demand and Flight Recovery Index



\*Data for September 1-14

Source: IEF, JODI Oil Database, EuroControl, TSA, Airport Statistics, India's Directorate General of Civil Aviation, Japan's Civil Aviation Bureau, China's Civil Aviation Administration, Statistics Canada

# JODI in support of global carbon data transparency



- Carbon price discovery mechanisms enable **effective, efficient and equitable energy transition**
- Carbon pricing requires **timely, complete and comparable data on carbon emissions as well as on mitigation efforts.**
- IEF with expertise developed through JODI coordination, has investigated areas of improvement necessary to achieve greater carbon data transparency.

