

SUSTAINABLE LOGISTICS. SIMPLIFIED.

TRANSPORT SECTOR DECARBONIZATION –
WHAT'S NEXT?

23 November 2021



Agenda

1. **Welcome & Introduction**
2. **COP 26 Recap –**
Angie Farrag-Thibault, Freight Decarbonization Lead,
Supply chain and Transport, World Economic Forum
3. **Decarbonizing Transport via Insetting – Kathrin Brost**,
Global Head of GoGreen, DHL Global Forwarding
4. **What's Next? –**
Angie Farrag-Thibault, Freight Decarbonization Lead,
Supply chain and Transport, World Economic Forum
5. **Q&A & Wrap up**



Introducing our experts...



Angie Farrag-Thibault

Freight Decarbonization Lead,
Supply chain and Transport,
World Economic Forum



Kathrin Brost

Global Head of GoGreen,
DHL Global Forwarding



Vanya Dimitrova

Head of Sales Strategy
and Marketing,
DHL Global Forwarding

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COP26 HAS DELIVERED REAL MOMENTUM....

- A renewed sense of solidarity despite COVID & broader geopolitical backdrop
- Annual 'ratchet mechanism' in the Glasgow Climate Pact
- Paris Rulebook finalized – incl. Article 6
- Multiple 'coalitions of action' – e.g. finance, methane, coal, forests
- Just transition as fundamental
- Strengthened role of High Level Champions –unprecedented engagement w >8,000 commitments to Race to Zero
- Net zero as a uniting 'north star'
- China and the US release 'joint declaration' on climate action
- Unprecedented show up and engagement of CEOs and private sector



....BUT SIGNIFICANT CHALLENGES REMAIN

- New commitments equate to projected warming of 2.4°C
- Next 12 months ahead of COP27 critical to keep 1.5°C alive
- Under delivery on international finance – shortfall of the \$100bn/year by 2020 – major source of tension
- Very limited progress on ‘Loss and Damage’
- Divide between the inside and outside protestors felt greater than ever – anger at inaction is palpable.
- Inclusion – many more under-represented communities but decision makers remain overwhelmingly white old men
- Talk is cheap – action needed together w transparency & accountability to track progress from both governments & business
- Lots of announcements and commitments – now the action, implementation and transparency and accountability come into play.



FREIGHT TRANSPORT RECOGNISED MORE THAN EVER...

- The ZEV Declaration signed by 30 countries and several corporates – 100% Zero Emission Cars and Vans by 2040
- 15 countries, sub-national governments, and corporates signed the Global MOU – 100% zero emission trucks and bus sales by 2040
- 18 nations representing 40% of aviation emissions pledge 1.5C goals
- 60 companies signed the Clean Skies for Tomorrow Sustainable Fuels Ambition Statement: 10% sustainable aviation fuel by 2030
- 19 countries signed the Clydebank Declaration: committing to Net-zero shipping routes
- Over 150 industry leaders and organizations signed the Getting to Zero Coalition call to action for policymakers
- UN Global Compact, the ICS and ITW launched the new Just Transition Taskforce
- The First-Movers Coalition and the Sustainable Freight Buyers Alliance launched
- 17 Supply-chain and Transport Industry CEOs signed SoS

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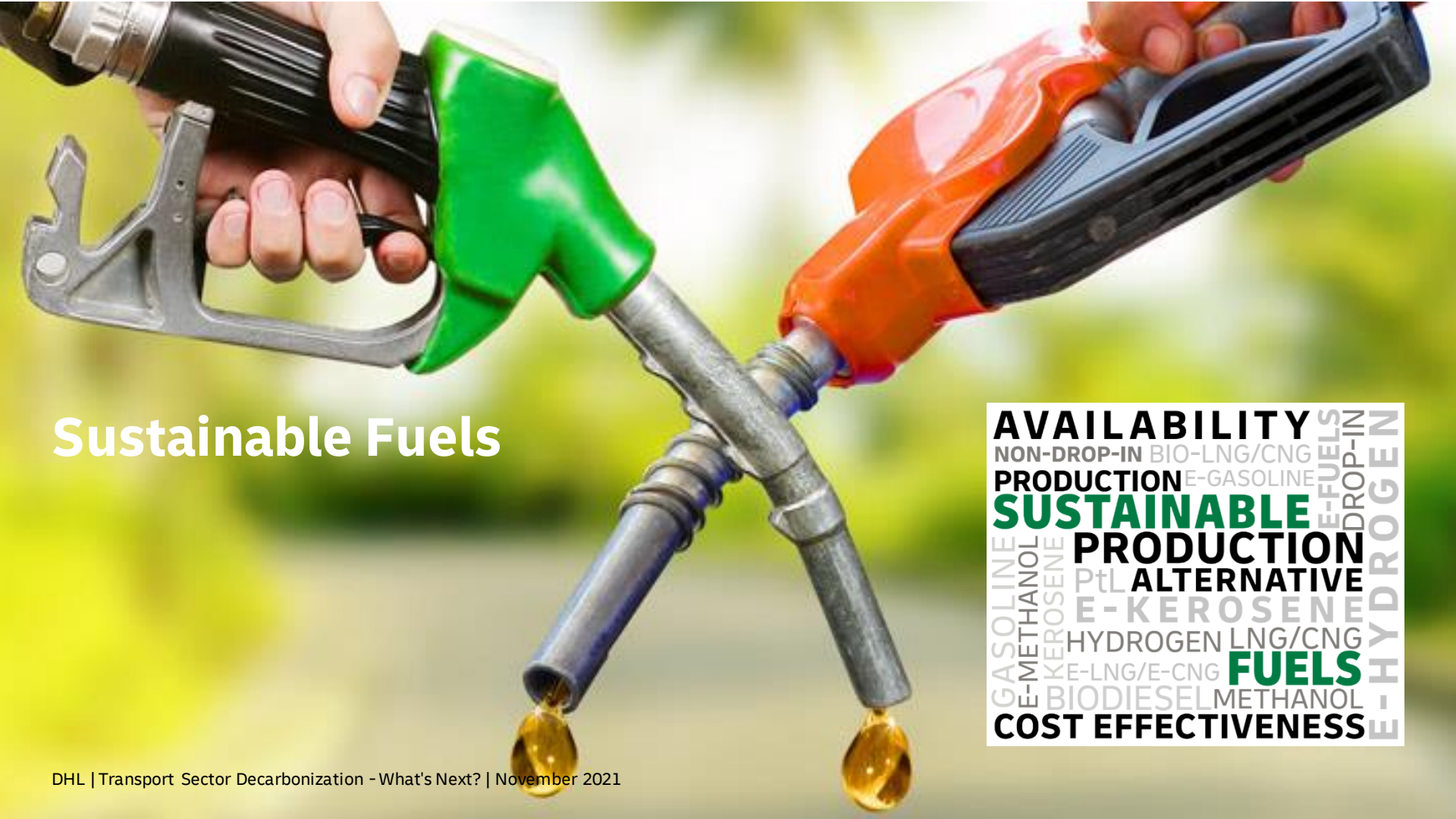
5. Q&A & Wrap up



Insetting



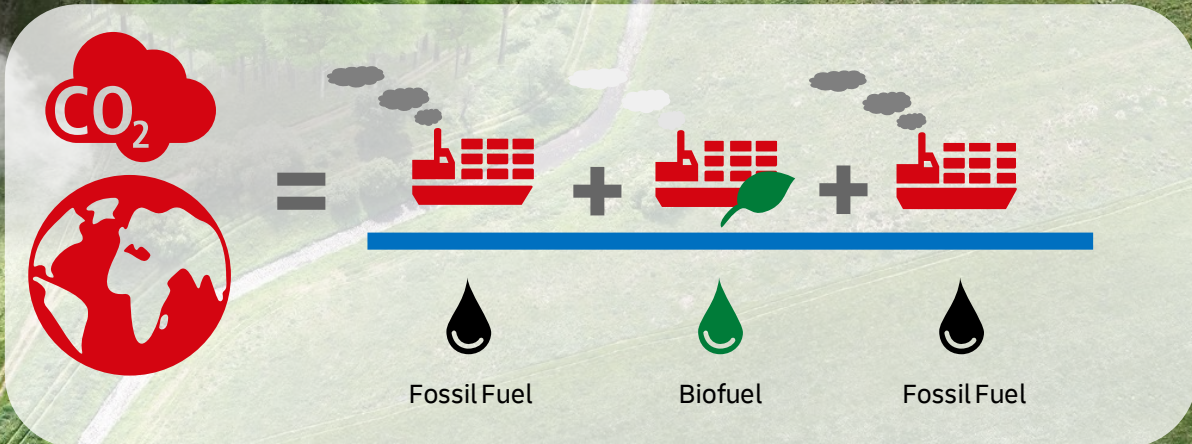
Offsetting



Sustainable Fuels

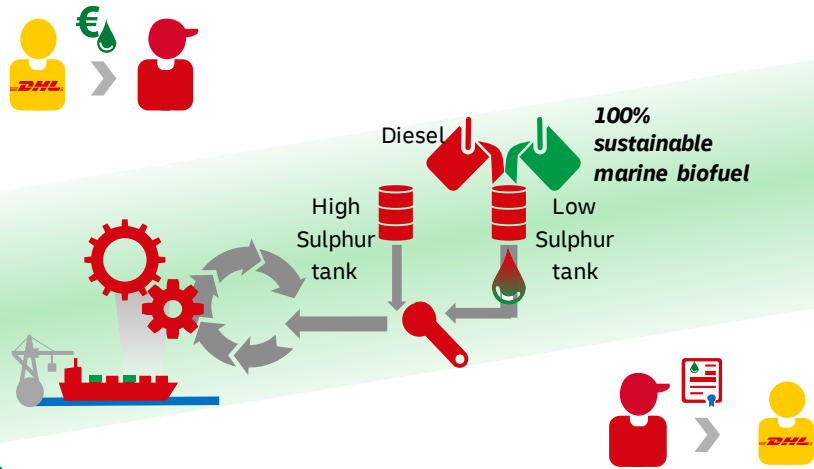
AVAILABILITY
NON-DROP-IN BIO-LNG/CNG
PRODUCTION E-GASOLINE
SUSTAINABLE E-FUELS
PRODUCTION DROP-IN
GASOLINE PtL ALTERNATIVE
E-METHANOL E-KEROSENE
E-KEROSENE HYDROGEN LNG/CNG
E-METHANOL KE-LNG/E-CNG
BIODIESEL METHANOL
FUELS
COST EFFECTIVENESS E-HYDROGEN

One-Atmosphere Approach



Sustainable Fuel Switch

Facilitated SMF switch (insetting solution)

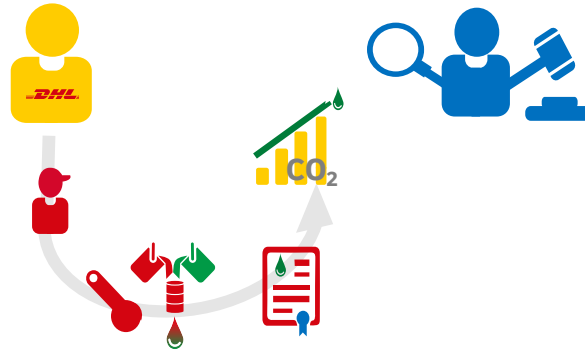


Book & Claim

BOOKING



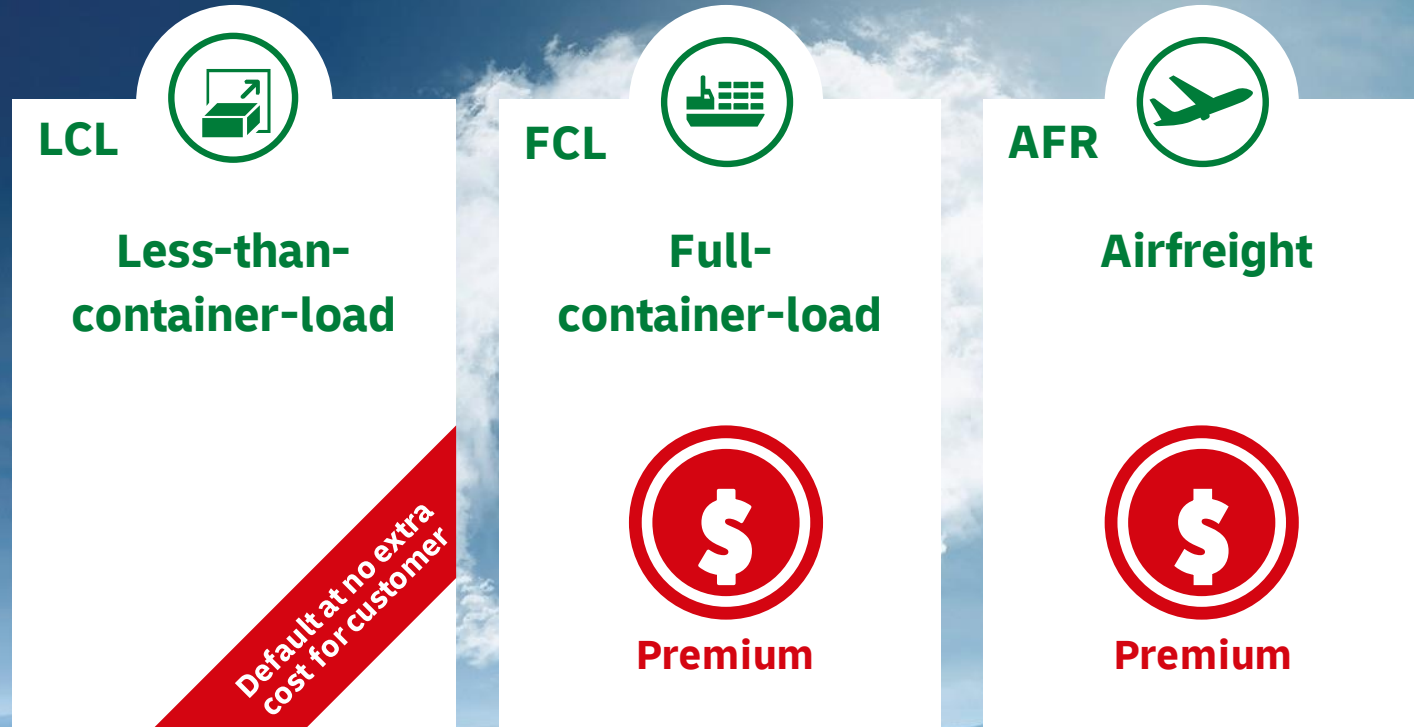
MANAGEMENT & VERIFICATION



CLAIMING



DHL Global Forwarding – Service Offer *GOGREEN_{PLUS}*



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The climate action landscape is evolving. We are working to ensure alignment on common standards and vision to decarbonize freight

Freight buyers signaling green demand through commitments and purchasing decisions is a critical lever

World Economic Forum Climate Action Platform ([Link](#))

Accelerating climate ambition, action and mobilization

Mission Possible Partnership ([Link](#))

A coalition of public and private partners transitioning seven heavy-emission industries to achieve net-zero by mid-century

Transport-related industry Action Areas



[Clean Skies for Tomorrow](#)



[Road Freight Zero](#)



[Getting to Zero Coalition](#)

Alliance of CEO Climate Leaders ([Link](#))

A global community of CEOs who continue to **catalyze action across all sectors** and **engage policymakers** on transitioning to a net-zero economy

Financing the Transition to a Net-Zero Future ([Link](#))

Accelerating the mobilization of capital toward breakthrough technologies

Buyers Alliances

First-Movers Coalition (FMC) ([Link](#))

A platform for businesses around the world to **signal demand for emerging technologies** essential for net-zero transition

Sustainable Freight Buyers Alliance (SFBA) ([Link](#))

An initiative accelerating **intermodal net-zero freight** by uniting freight buyers and signaling demand for low/zero emission services



Sustainable Aviation Buyers Alliance (SABA)



Cargo Owners for Zero Emission Vessels (coZEV)

One Standard for Book & Claim with “insetting” mechanism

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- ▶ **5. Q&A & Wrap up**



Q&A SESSION

If you have any further questions, contact your usual Account Manager or Customer Service Representative, or email us at [**GoGreen.DGF@dhl.com**](mailto:GoGreen.DGF@dhl.com)

Subscribe here to our **Sustainability** Newsletter



Useful links... (1/2)

1. Declaration on zero
emission shipping
by 2050
COP26

2. The Next Wave of
Green Corridors
McKinsey & Company

3. Clean Skies for
Tomorrow 2030
Ambition Statement
World Economic Forum

4. Declaration on zero
emission cars and
vans
Gov.uk

5. Global Memorandum
of Understanding
Global drive to zero

6. Road Freight Zero
report
McKinsey & Company
World Economic Forum

Useful links... (2/2)

**7. Sustainable Freight
Buyers Alliance**
Smart Freight Centre

**8. Decarbonize Freight:
Supply chain and
transport industry
statement**
World Economic Forum

**9. Financing the
Transition Toward a
Net Zero Future**
World Economic Forum

**10. The First Movers
Coalition**
World Economic Forum

**11. Insetting Solutions:
Switching to
Sustainable Fuels**
DHL Global Forwarding

**12. Decarbonization of
Transport: Status Quo
and Way Forward**
DHL Global Forwarding

THANK YOU

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