# Capital Markets Day 2022



08:00

Registration, coffee & welcome

16.30

**End of Capital Markets Day 2022** 

1

08.30

**Delivering our strategy** 

Group CEO Jens Bjørn Andersen

08.45

Operational excellence

Group COO Jens Lund

09.00

CEO & COO Q&A session

2

09.30

The Air & Sea division

CEO Air & Sea Carsten Trolle

09.45

Navigating the air freight market

Vice President Air & Sea

Mads Ravn

10.00

15 MIN BREAK

Navigating the sea freight

market

Senior Director Carrier Relations Michael Hollstein

10.15

Air & Sea Q&A session

3

10.45

The customers in focus

Group CCO Rene Falch Olesen

Automotive logistics in a world of change

Senior Director Automotive Eva Ames

**Commercial Q&A session** 

11.30

MIN BREAK

Sustainability in focus incl. Q&A

Senior Director Sustainability Lindsay Zingg 4

12.45

The Road division incl. Q&A

CEO Road Søren Schmidt

13.15

45 MIN LUNCH BREAK

The Solutions division incl. Q&A

CEO Solutions Brian Ejsing 5

14.00

New tech on our radar incl. Q&A

Group CIO Jesper Riis

14:30

15 MIN BREAK

Financial update & wrap-up

Group CFO Michael Ebbe & Group CEO Jens Bjørn Andersen

15.00

Busses to Hedeland

15.15

**Tour at Hedeland Logistics** 

Centre

Director Solutions Sales Per Hansen

**Busses back from Hedeland** 



#### **DSV** management team presenting today



**Jens Bjørn Andersen**Group CEO



Jens Lund Group COO



Carsten Trolle CEO Air & Sea



**Mads Ravn** VP, Air Procurement



**Michael Hollstein** SD, Ocean Procurement



Rene Falch Olesen Group CCO



**Eva Ames** SD, Automotive



**Lindsay Zingg** SD, Sustainability



Søren Schmidt CEO Road



Brian Ejsing CEO Solutions



Jesper Riis Group CIO



Michael Ebbe Group CFO



## Delivering our strategy

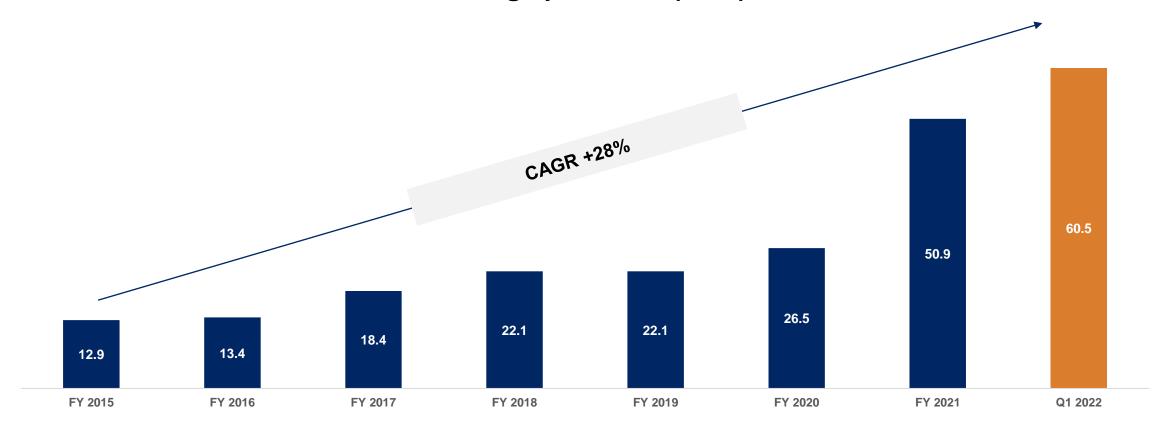
Group CEO Jens Bjørn Andersen



#### **Strategy execution since last CMD**

Three large acquisitions, COVID-19 and organic growth

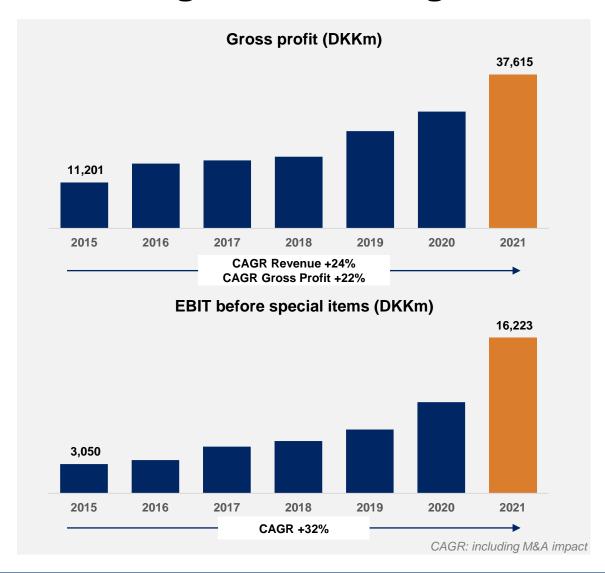
#### **Earnings per share (DKK)**

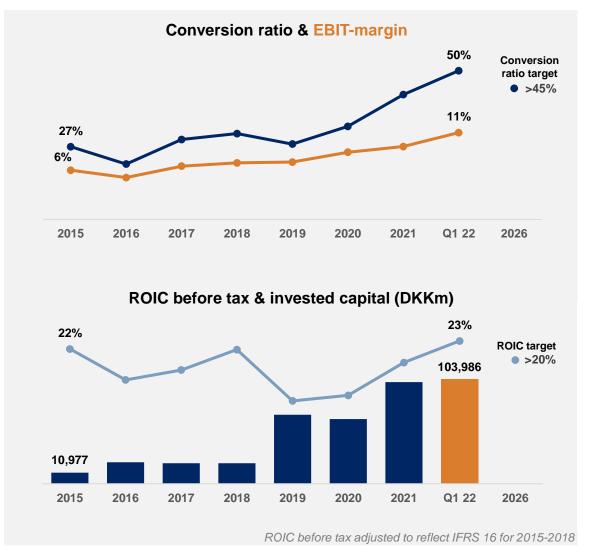


Graph illustrates diluted adjusted earnings per share of DKK 1 Average annual growth (CAGR) includes M&A



#### **Delivering sustainable growth**







#### **Agenda**

1 A stronger global network

2 Delivering on our M&A strategy

**3** Trends in our industry

4 Still a peoples business

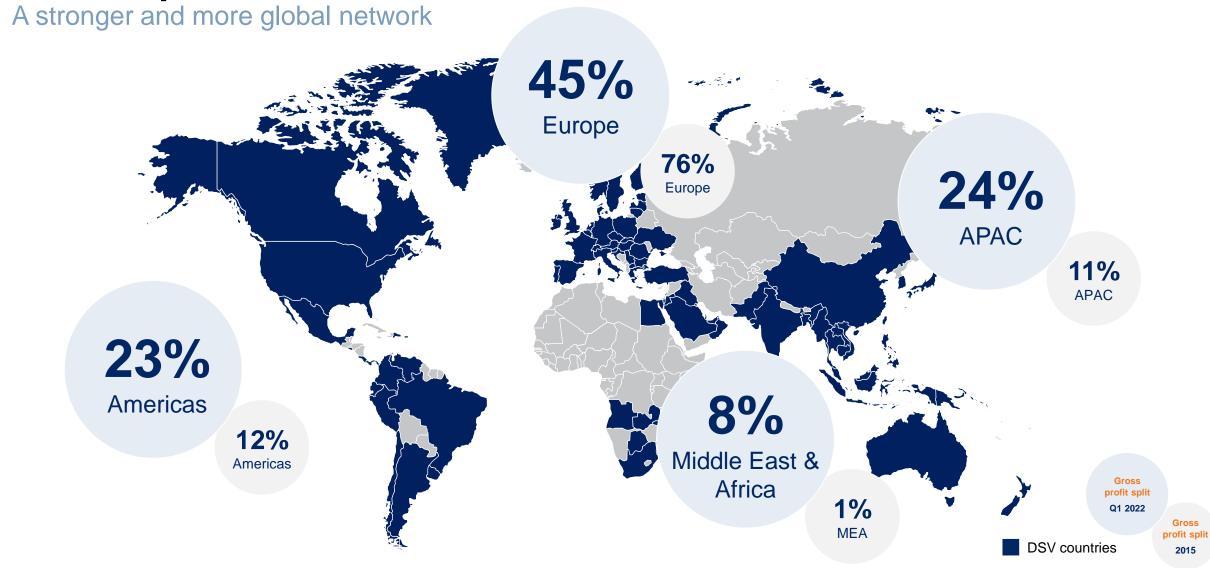




# A stronger global network



#### Our footprint





# Delivering on our M&A strategy



#### At our CMD in 2015 we highlighted these M&A criteria

We have checked the boxes!

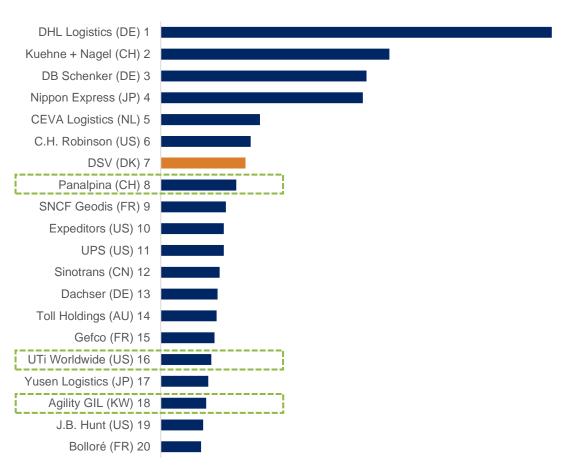
Criteria set out in 2015	Asset-light	Air & Sea exposure	Outside Europe	Restructuring case	Bolt-on in Road	EBIT impact post synergies (DKKm)	Enterprise value (DKKm)
<b>2016</b>			<b>\</b>			~1,200	9,300
PANALPINA 2019	<b>✓</b>		<b>✓</b>			>3,000	35,100
Agility 2021  Global Integrated Logistics			<b>✓</b>			>3,000	30,200
					Total enterprise	e value	74,600

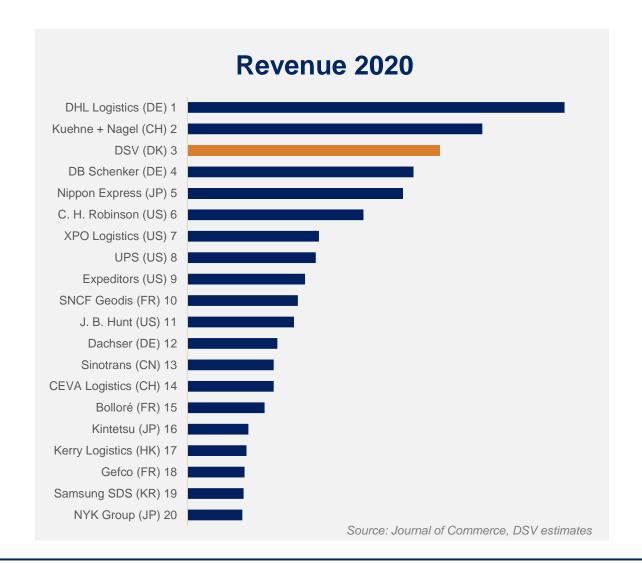


#### Industry consolidation through 10 years

3PL industry remains highly fragmented









#### Unchanged capital allocation policy

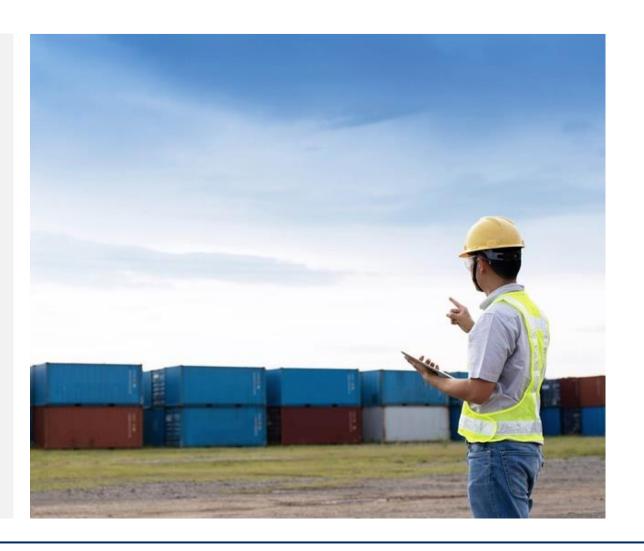
M&A remains a priority in a – still – fragmented industry

#### Capital allocation policy

- 1. Repayment of debt if NIBD above target gearing ratio.
- 2. Value-creating acquisitions or further development of the existing business.
- 3. Allocation to shareholders via share buyback and dividend.

#### **M&A principles**

- 1. Our M&A strategy remains unchanged: We target asset-light freight forwarding companies.
- Air & Sea exposure is preferred but a mix with Road and Solutions is also attractive.
- Attractive financial business case with clear value for shareholders is a must.





# Trends in our industry



#### Trends in the transport & logistics industry

#### We must adapt to changes – and seize new opportunities



#### Global trade flows

Companies are seeking ways to make their supply chains more robust.

This can lead to added complexity, more countries involved in production and higher inventory levels.

We can assist our customers with supply chain innovation and keep their supply chains flowing across 90+ countries.



#### **Sustainability**

Our industry has an important obligation to reduce the environmental footprint.

We have set clear science-based targets and we are ready to support our customers with green logistics services.



#### Digitalisation & automation

New technologies, demand from customers, and new players in the market are gradually changing the way we work.

We have a strong roadmap for continuous development of our infrastructure – and an organisation which can manage changes.



#### **Distribution channels**

E-commerce has changed distribution centres and last-mile distribution significantly in recent years.

Our Fulfilment Factories and other ecommerce services are designed to capture our share of the growth in this segment.





#### Still a people's business

Dedicated employees deliver the best possible solutions to our customers







### Attractive working environment

High standards for offices, warehouses, health and safety. And not least focus on diversity and inclusion.

### **Empowerment &** accountability

We believe in our people's ability to make decisions.

### Stable management team

Strong management team with succession in place.
Talent development and internal recruitment.



### Our purpose, vision and mission Shaped by our culture and the world around us





**Mission** Operational excellence

- We are part of the critical infrastructure.
- We conduct our business with integrity.
- We contribute our fair share to societies.

- We help our customers grow.
- We provide equal opportunities for employees.
- · We grow shareholder value.

- We design efficient infrastructure.
- We take ownership and show initiative.
- We integrate sustainable solutions.



### Wrap-up

Annual EPS growth of 28% since 2015.

Unchanged M&A strategy and capital allocation policy.

We aim to deliver sustainable growth. For customers, employees, societies and not least: shareholders.



# Operational Excellence - and how we develop our digital competences

**Group COO Jens Lund** 



#### The new COO role

#### Secure dedicated execution power and focus

Increas

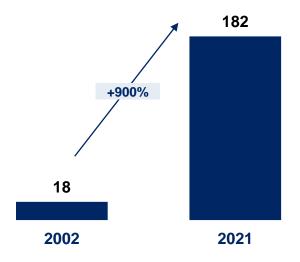
Increased size of business and organisation (Revenue DKKbn)



Increased complexity within each area of expertise



Split of roles and responsibility



- Digital strategy
- M&A & strategic projects
- IT operations
- Property
- · Financial reporting
- Treasury
- Compliance
- Insurance & procurement
- International shared services

COO role

Strategy for digital and physical infrastructure across divisions to drive **productivity gains** and **scalability**.

CFO role

Creating a fact-based foundation for transparency and productivity gains.



#### **Agenda**

1 It all starts with a strategy

Transparency, productivity and scalability

3 Logistical versus digital capabilities



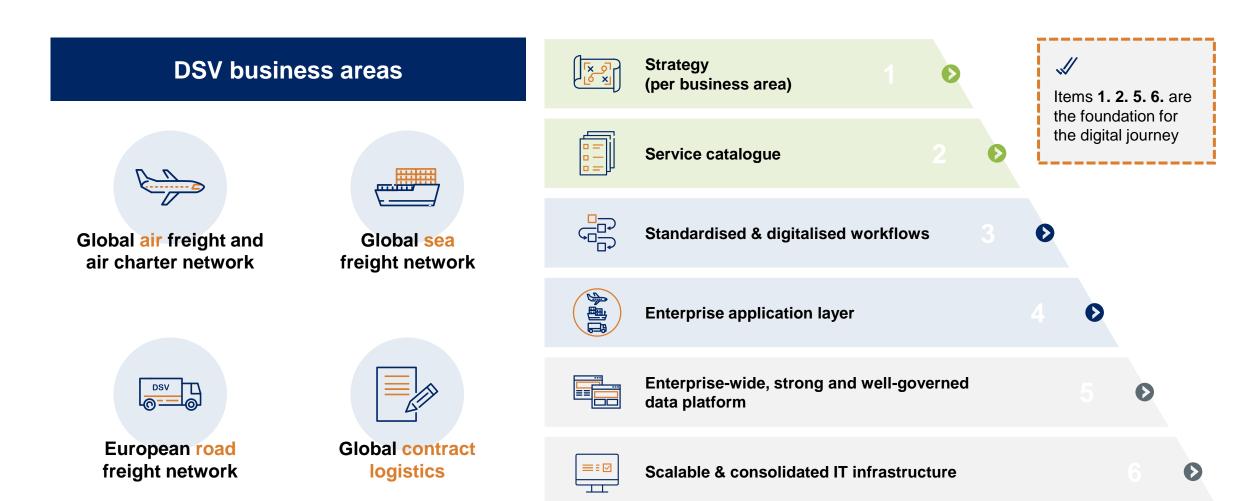


# It all starts with a strategy



#### The road to leading digital capabilities

An efficient global end-to-end set-up requires global ownership of the network





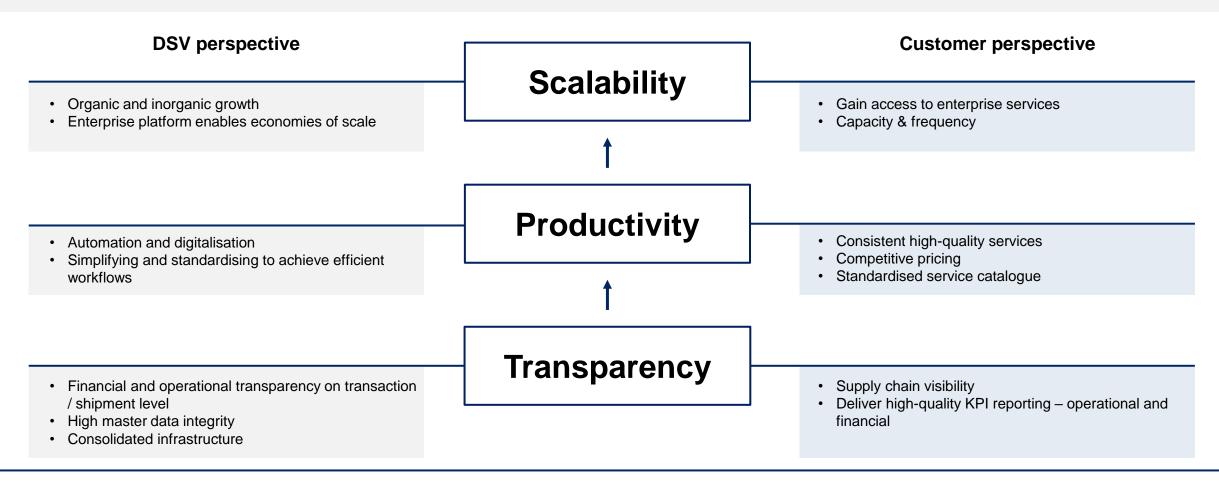
# Transparency, productivity and scalability



#### Our principles have multiple facets

Our strategic decisions benefit our customers and operations

#### **Principles for developing DSV**





#### Our principles have multiple facets

Our strategic decisions benefit our customers and operations

#### **Principles for developing DSV**

**DSV** perspective

Shareholder value

Scalability

†

Productivity

†

Transparency

**Customer perspective** 

Reliable and cost-efficient supply chain

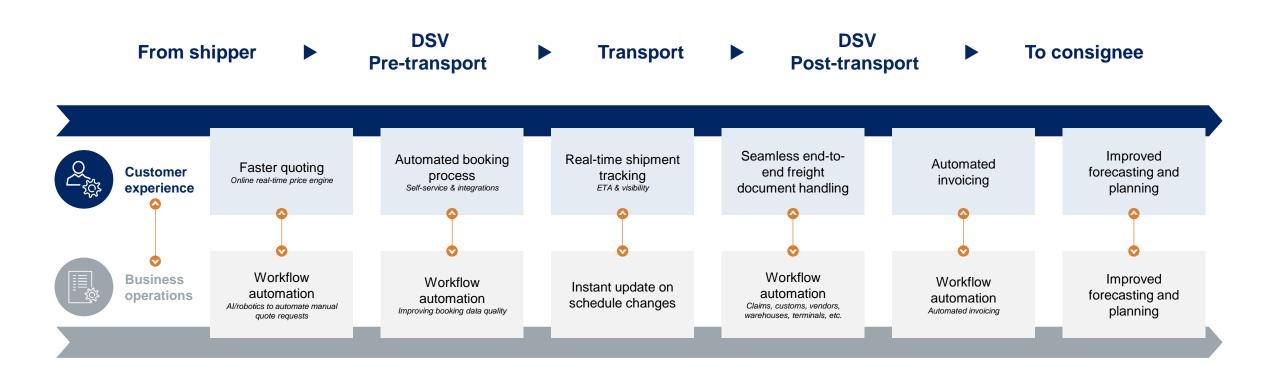


# Digital versus logistics capabilities



#### Digital capabilities within freight forwarding

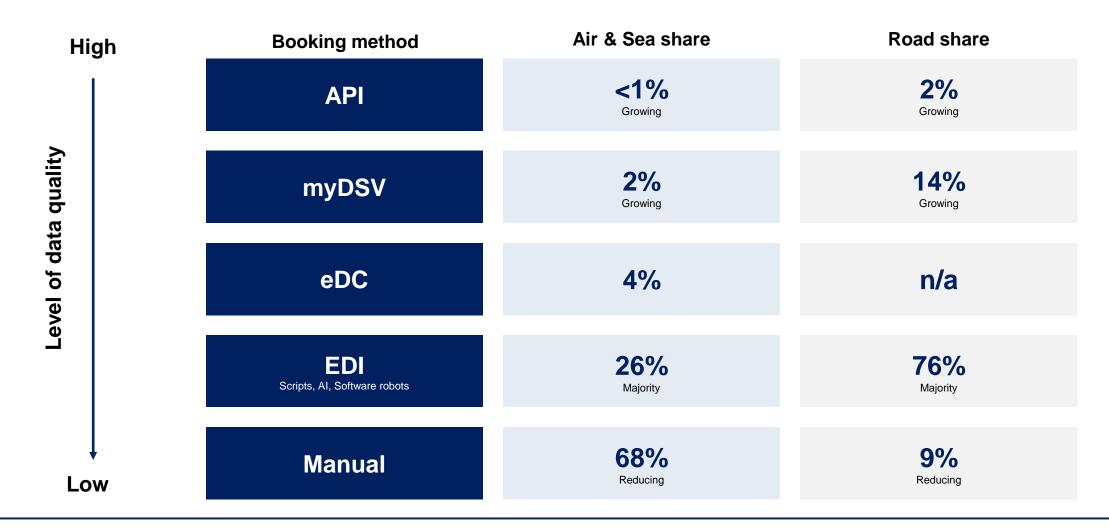
Improve both customer experience and operational excellence





#### High data quality enables better customer service and efficiency

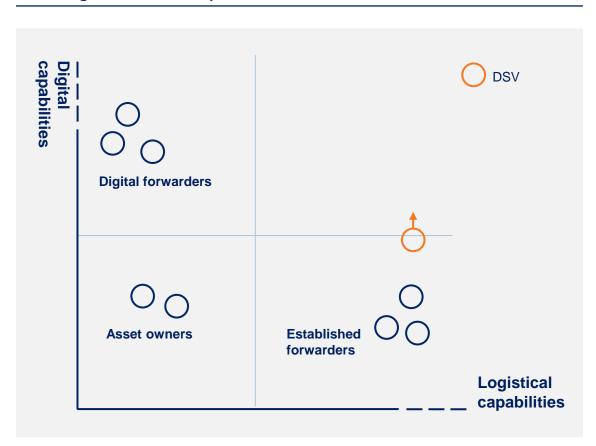
A strategic focus on improving data quality



#### Broad and deep service offerings based on a solid IT platform

DSV is uniquely positioned to combine logistical and digital capabilities

#### Winning formula to compete in the future



#### Utilising our global platform to provide complex supply chain solutions

Logistical capabilities   Digital capabilities	Governance & change capacity  Digital customer interaction tools  Master data management  Data platform  Fully integrated IT infrastructure  Operational expertise	Consolidated IT and data platform		
	Logistics service offerings Global sales force Customer relationships Carrier relationships Global physical infrastructure ESG	Global integrated transport network		



### Wrap-up

The COO role is focused on developing the digital and physical infrastructure of DSV on a group level.

Transparency – Productivity – Scalability

Both digital and logistics competences are needed!



## CEO & COO Q&A session



09.15-09.30

### Break

#### After the break

The Air & Sea division

CEO Carsten Trolle

Navigating the air freight market

Vice President Mads Ravr

Navigating the sea freight market

Senior Director Michael Hollstein

Air & Sea Q&A session



## The Air & Sea division

**CEO Carsten Trolle** 



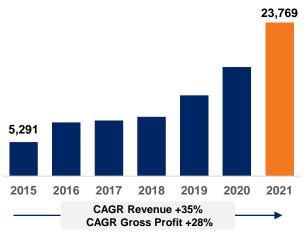
#### Investment case

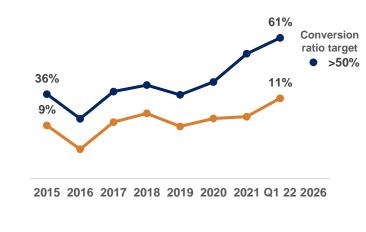


#### **DSV Air & Sea**

- A global top-three player with a strong network and attractive value proposition.
- Industry-leading margins.
- Ability to pursue organic and inorganic growth opportunities.
- Strategic partnerships with leading carriers and airlines.

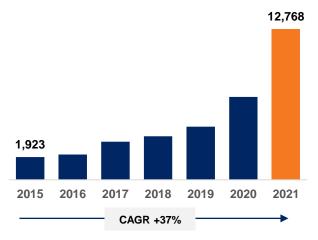
#### **Gross Profit (DKKm)** 23,769 2018 2019 2020 CAGR Revenue +35%





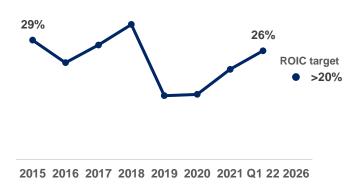
**Conversion ratio & EBIT-margin** 





CAGR including M&A impact

#### ROIC before tax, including goodwill





#### **Agenda**

1 Strategic focus areas after 3 major acquisitions in 5 years

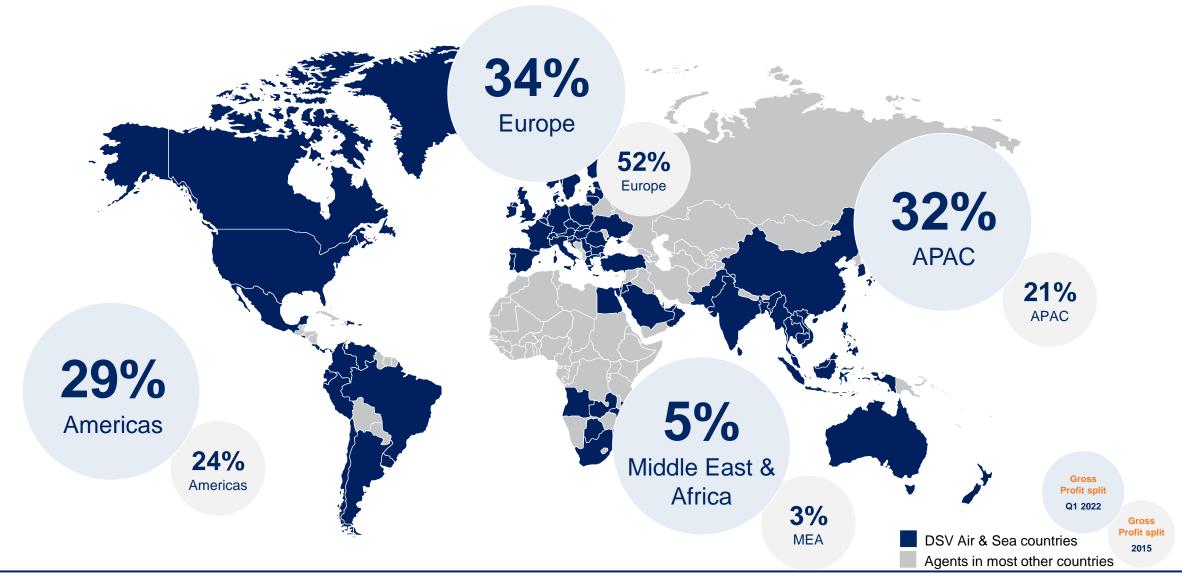
2 Our value proposition

3 A highly digitalised workflow

4 Volume growth and yields



#### A stronger and more global network since 2015



## Strategic focus areas after 3 major acquisitions in 5 years



#### Benefits of combining global networks

Agility

Global Integrated Logistics

2021

Building on a strong DSV culture

PANALPINA 2019

Strong presence in APAC and the Middle East Chemicals, Projects Logistics and LCL



Doubled our Air & Sea operations

Strengthened our footprint in APAC and South America

Air charter network and LCL

Adding scale and logistics capabilities globally

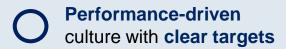
Strong network in North America and South Africa

Oil and gas business

DSV Culture









## Our value proposition



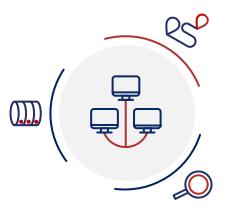
#### Our value proposition

Why do customers choose DSV?









#### **Expertise**

Global network and a team of experienced freight forwarders.

We have the **know-how** to deal with unforeseen events and disruptions.

#### **Neutrality**

We have strong relationships with leading carriers.

We offer **flexibility** – we are not limited to just one carrier.

#### **Proven products**

One of the largest global forwarders with access to capacity and competitive rates.

Complete **door-to-door service** offering including Green Logistics.

#### **Systems**

Strong suite of **customer integrations** and Purchase Order
Management.

**High data quality** enabling customers to monitor supply chains.



# A highly digitalised workflow



#### Highly digitalised workflow

Enabling high service levels and high productivity



#### One-file system with efficient flow from origin to destination

High and consistent service levels.

Potential to improve productivity when disruptions ease and GIL integration is complete.



Integrations with major carriers and customers



#### **Digital bookings**

We currently receive 1/3 of bookings digitally (EDI, myDSV, API, Purchase Order Management).

We aim to increase this share in cooperation with customers. This requires high booking data standards.







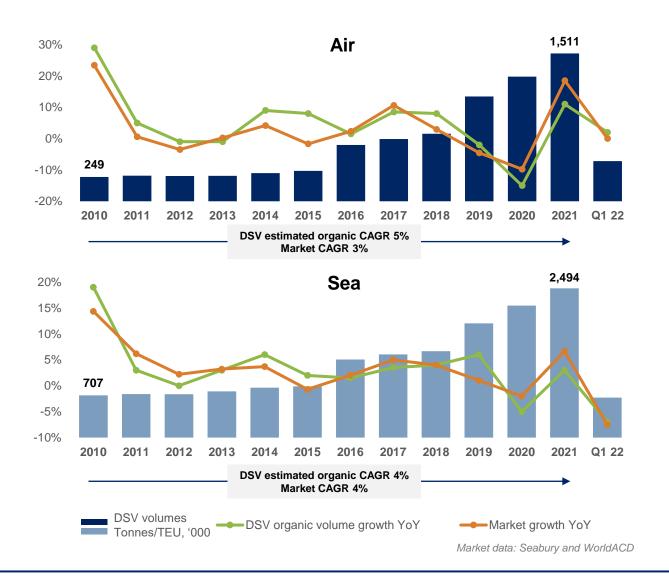
To consignee



## Volume growth and yields



#### We aim to take market share



#### ... but never volume growth just for the sake of growth

We seek profitable and sustainable growth

- Network business
- High share of value-added services
- Growth in absolute gross profit is key!

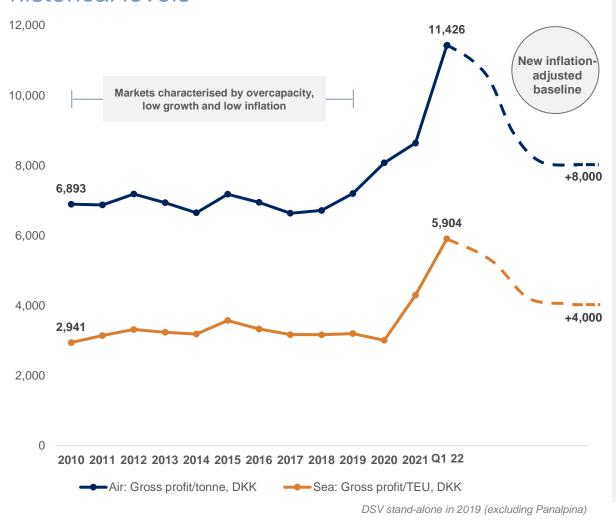
In period with **large integrations** our ability to take market share is limited

- Overlapping customers
- Discontinued low margin business
- Less internal focus on sale
- Integration risk from customer perspective
- Data quality



#### **Gross profit yields**

#### We expect post-COVID yields to stabilise above historical levels



#### **External factors impacting yields**

- 18% expected inflation from 2019-2023.\*
- Customers have more focus on robust supply chains and service.
- Increasing complexity in global supply chains.
- Alliances, consolidation and more capacity discipline among ocean carriers.
- Less belly space available on intercontinental passenger planes.
- Currency rates.

#### Internal factors impacting yields

- Scale benefits from M&A (procurement and cargo combinations).
- Continued focus on expanding our value-added services.
- Change in product mix towards higher-margin business e.g.
   LCL and Air Charter Network.
- Lower yields can be partly offset by improved productivity.

\*Sources: International Monetary Fund & the World Bank



#### Wrap-up

Performance driven culture with industry leading margins.

Strong value proposition and ability to pursue organic and inorganic growth opportunities.

We expect yields to stabilise above historical levels.



## Navigating the air freight market

Vice President Mads Ravn



#### **Agenda**

The current status of the air freight market

2 Our relationship with carriers

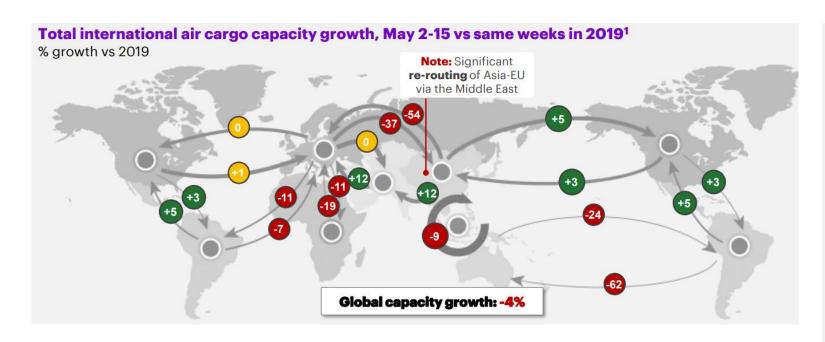
3 Air Charter Network

4 What to expect?





#### Global international air cargo capacity is down -4% (vs. 2019)



#### Significant change in capacity mix since 2019

Airline freighters +19%

Passenger belly -34%

Integrator freighters +40%

- International wide-body belly capacity is down 57% on trade lanes to and from Asia.
- Asia-Europe capacity impacted by the closure of Russian air space and exit of Russian cargo airlines.
- Current lockdown in Shanghai affects
   ~25% of total air cargo capacity out of
   Greater China.
- Congestion at airports is a challenge especially in US.

Source: Seabury Cargo – Air cargo capacity update 20 May 2022



#### Wide-body belly capacity is far from 2019 levels

The future market will depend more on freighters

Scheduled wide-body belly capacity on key lanes summer 2022 vs. summer 2019

-43%

-9%

-49%

-41%

**Intra-Asia Pacific** 

**Transatlantic** 

Asia Pacific - Europe

**Transpacific** 

Source: Seabury Cargo – Air cargo market dynamics Q1 2022



## Our relationship with carriers





### Our agreements with carriers ensure flexibility and match customer needs

Mix adjusted with market changes

60% - 65%

**Spot trade** 

20% - 25%

**Block Space Agreements** 

10% - 15%

Air Charter Network (6-24 months)





### Air Charter Network



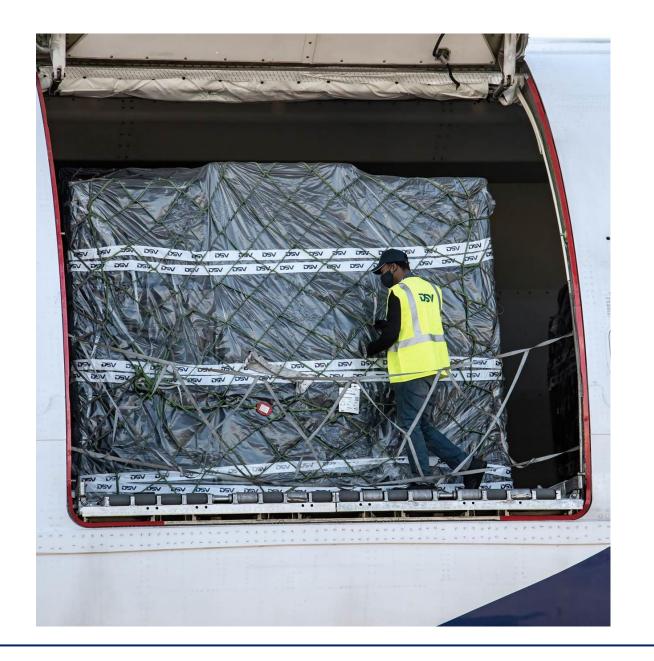
#### **DSV Air Charter Network**

#### **Secure capacity**

DSV controlled charters and own gateways ensuring high reliability and shorter lead time.

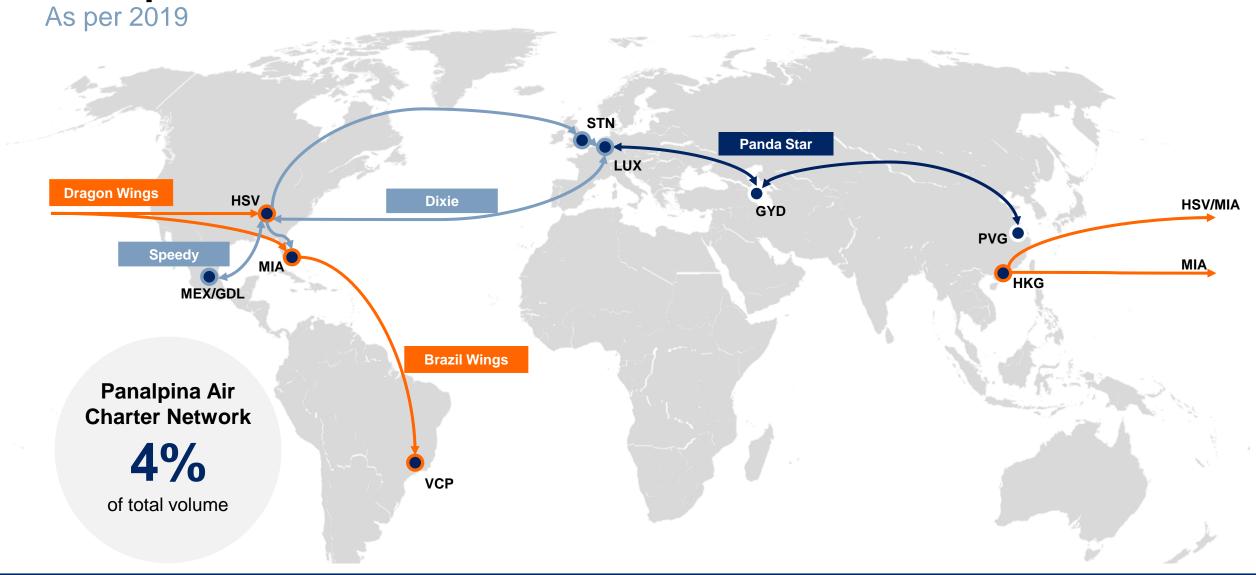
#### **Customers**

Ideal for time-sensitive, high-value goods or temperature-sensitive cargo: pharma, healthcare, high-tech, automotive.



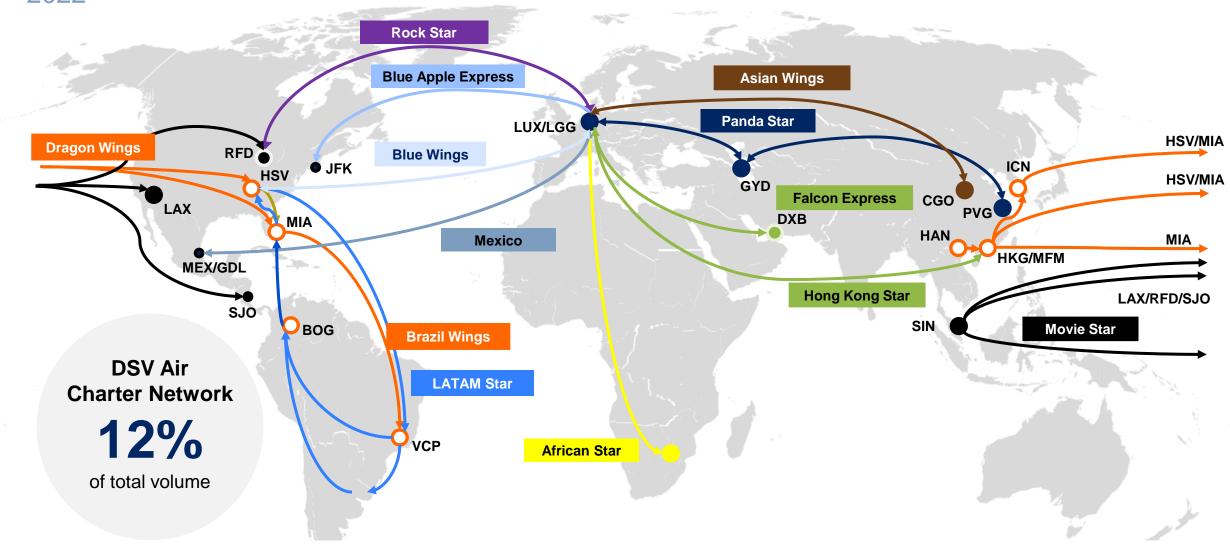


#### Panalpina Air Charter Network



#### **DSV Air Charter Network**

2022



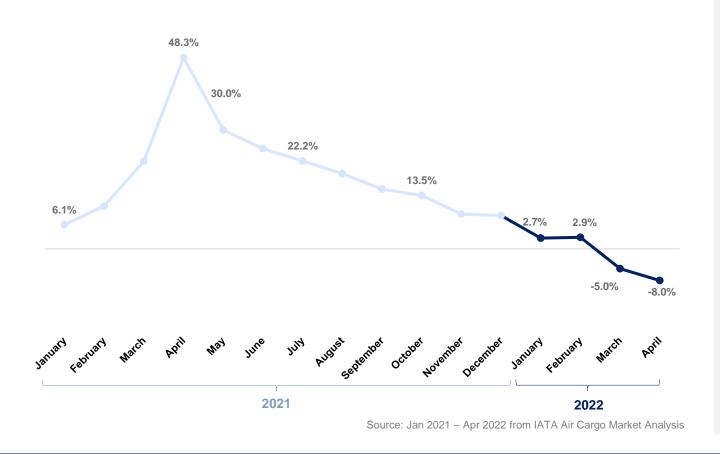


## What to expect?



### What to expect from 2022 and beyond?

Volume YoY growth (%) 2022



#### Outlook

- Demand depends on macro economy and consumer confidence.
- Continued service disruptions from COVID-19 lockdowns.
- · Capacity impact from Russia/Ukraine crisis.
- Air market impacted by ocean freight disruptions.
- Belly space missing on trade lanes to and from Asia.
- Cost inflation especially related to fuel.
- Rates are likely to remain elevated versus prepandemic levels.



## Navigating the Sea Freight Market

Senior Director Michael Hollstein









#### **Agenda**

The current status of the sea freight market

2 Our relationship with carriers

3 Our LCL service

4 What to expect?





#### Global port congestion

12% of the global vessel capacity effectively removed, congestion moving to China with lockdowns



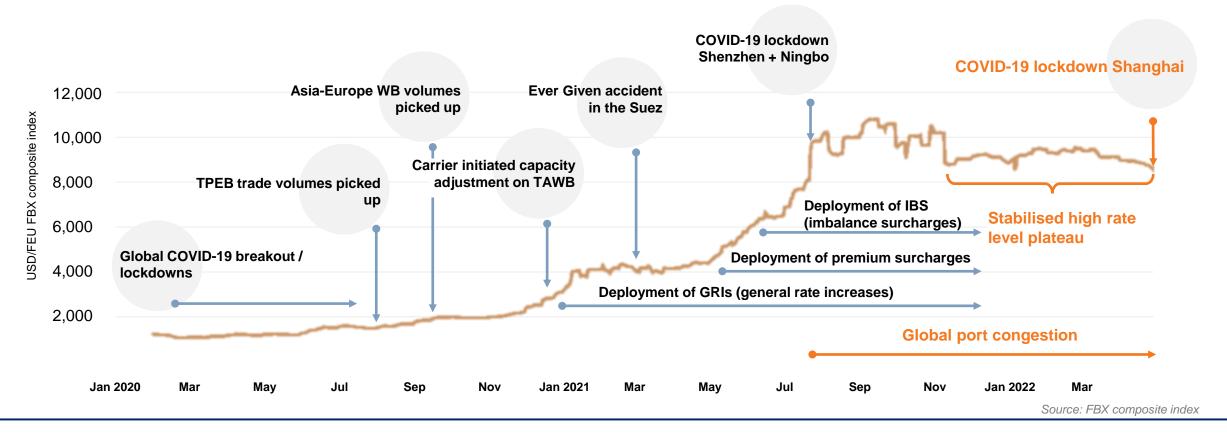




### Ocean market triggers over the last 24 months

#### From overcapacity to historically high freight rates

- Surge in demand in H2-2020.
- · Carriers deployed additional capacity.
- Investments in additional container equipment.
- · Many of the corrective actions have been eaten up by port congestion.

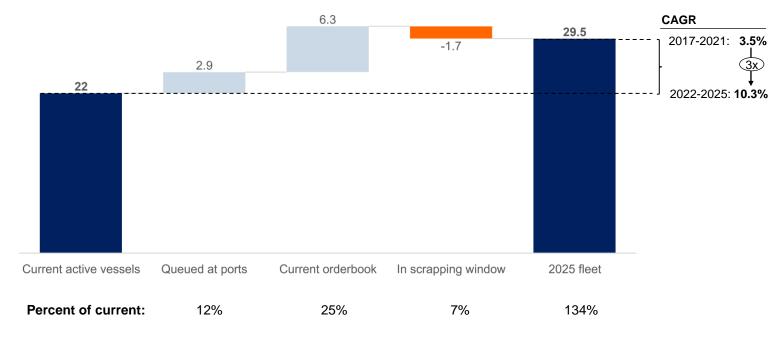




#### **Available container capacity**

In 2025 the global container capacity could be one-third higher than today

#### **Global capacity projection by status, 2025**Million TEU



Source: Q1 2022 - Seabury Cargo - Ocean Market Dynamics

#### **Comments**

- Various ongoing initiatives and investments to reduce global port congestions – incl. void sailing programs to stabilise vessel rotations.
  - Will release capacity back to the trades by reducing waiting time for the vessels.
- Material new build program, especially in the ULCV segment (> 20,000 TEU ships) to further benefit from unit cost efficiency.
- Not reflected compensating capacity as a result from IMO2023 slow steaming on non-dominant lanes.
- Not reflected temporary capacity reductions by vessel in yard maintenance for retrofitting for IMO2023 compliance.



## Our relationship with carriers



#### Our contract portfolio and price products

Balanced commitments to customers and carriers

Long-term

50%

+6 months

**Mid-term** 

20%

Quarterly to 6 months

**Short-term** 

30%

Daily, weekly or monthly

#### **Products**

**Open baskets** 

**Closed baskets** 

**Penalty triggered** 

**Block space** 

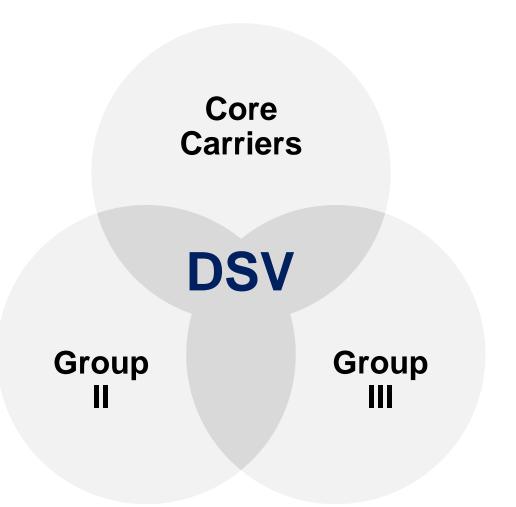
Cargo mix

Match back



#### **Carrier Portfolio**

Strong and balanced presence in all three vessel alliances



#### Selection criteria and KPIs

- > 90% of the DSV controlled volumes are signed up with our global strategic carrier partners.
- Strong and balanced presence in all three vessel alliances (2M / TA / OA).
- Volume agreements in the range from 25,000 to >500,000 TEU with the individual partners.
- Dedicated global account management teams plus C-level executive sponsorship by the carriers.
- Constant review of individual carrier performance and future business strategy.



### Our LCL service



#### Less than container load

LCL represents ~4% of volume (TEU) and ~20% of sea gross profit (2021)





**600+**Weekly services controlled by DSV



2.5 million
CBM volume handled
(equivalent to 100,000 TEU)



**Top 3**Player in the LCL market

- Benefiting from the strong global DSV branch presence and network.
- Multi-year proven concept with full control and inhouse production – based on the understanding of consolidation as core competence.
- Driving TEU volume market share with the operating ocean carriers.

#### **Benefits for shippers** 02 03 04 05 100% Managed by Space protected Minimum one departure and up to 5 strategic hubs Inventory reduction and during peak multiple sailings per week solutions **DSV LCL team** improved cash flow Underlying terms with carriers With our global network schedules SG/KR/DE/AE/CO Fast escalation and decision-Smaller and more frequent shipments give sensitive consolidation >30,000 origin destination pairs. Serving 10,000+ port pairs. making. which secure your supply chain. products priority status.

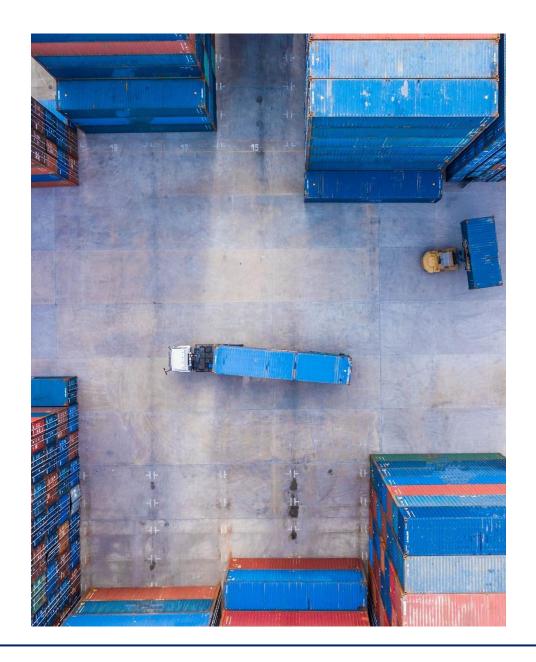


## What to expect



### **Business outlook**

- Demand depends on macro economy and consumer confidence.
- Continued disruptions from COVID-19 lockdowns, the crisis in Ukraine and other events.
- Potential labour conflict at US West Coast.
- Russia/Ukraine crisis led to a swing back of cargo from rail to ocean.
- Rates are expected to decline mid and long term but not to pre-pandemic levels.
  - Continued port congestion, due to underinvested infrastructure.
  - Consolidation and focus on profitability among carriers.
  - Alliances to plan capacity.
  - Fuel cost will remain at a highly level.
  - New capacity is coming online (current orderbook: 25%).
    - Partly offset by new IMO regulation, scrapping.





# Air & Sea Q&A session



10.30-10.45

# Break

### After the break

The customers in focus

Group CCO Rene Falch Olesen

Automotive logistics in a world of change

Senior Director Automotive Eva Ames

Commercial Q&A session

Sustainability in focus

Senior Director Sustainability Lindsay Zingo





# Every supply chain is experiencing multiple & significant supply chain disruptions

#### 2015 - 2016

- Earthquakes: Japan, Taiwan
- Typhoons: (5) China, Japan, Korea,
   (4) Philippines, (5) Taiwan, Vietnam
- Explosion: Port of Tianjin, China
- Cybersecurity attacks and issues
- · Labor strikes, plant fires, etc.

#### 2017-2018

- · Earthquakes: Taiwan
- Typhoons: China, Guam, Philippines
- · Explosion: Port of Tianjin, China
- Hurricanes: Florence, Harvey, Irma, Maria, Michael
- Severe US Weather impacting Automotive Supply Chains: Northeast & Bomb Cyclone
- Cybersecurity attacks and issues
- · Labor strikes, plant fires, etc.

#### 2019 - 2020

- BREXIT, Trade War: China & United States
- Pandemic: COVID-19 Begins
  - Border Closures
  - Global Ocean & Airport Closures
  - Container & Equipment Shortages
  - OEM & Supplier Closures
  - Labor Shortages
  - · Surge in demand
- Semiconductor Crisis Begins
- Cybersecurity attacks and issues
- · Labor strikes, plant fires, etc.

#### 2021 - 2022

- Pandemic continues
- Ever Given Suez Channel
- · War on the European Continent
- Earthquake: Japan (impacting Semiconductor Production)
- Drought: Taiwan
- Volcanic Eruptions: 8 various global
- Severe US Weather impacting Automotive Supply Chains: Tornados Southeast. Winter storm Southwest (shutting chemical plants)
- · Cybersecurity attacks and issues
- · Labor strikes, plant fires, etc.
- Semiconductor crisis amplified
- · Aluminum, rubber, & steel scarcity
- Inflation



# Agenda

1 Challenged supply chains

The global commercial organisation

3 Supporting customers

4 Electrification & mobility





## **Customer Challenges**

And how DSV is helping to overcome them

1

#### Lack of lead time predictability

- · Lead time predictions.
- · Improved inventory planning and replenishment.
- Selection of the right carrier mix.

3

#### **High freight & logistics cost**

- Broad range of carriers & modes to design a best fit freight solution.
- · Supply chain optimisation services.
- Automated fulfilment factories to support customers' ecommerce needs.

2

#### Lack of visibility and control

- · Control Tower and Purchase Order Management solutions.
- DSV Lead Logistics/supply chain orchestration.

4

#### **Green Logistics**

- Measure customer footprint.
- · Optimise and reduce with our supply chain experts.
- · Collaborate on sustainable fuels.
- Offset for carbon neutrality.



# **Global Commercial Organisation**

Selected services



Customer Relationship Management



Global Account Management



DSV Lead Logistics

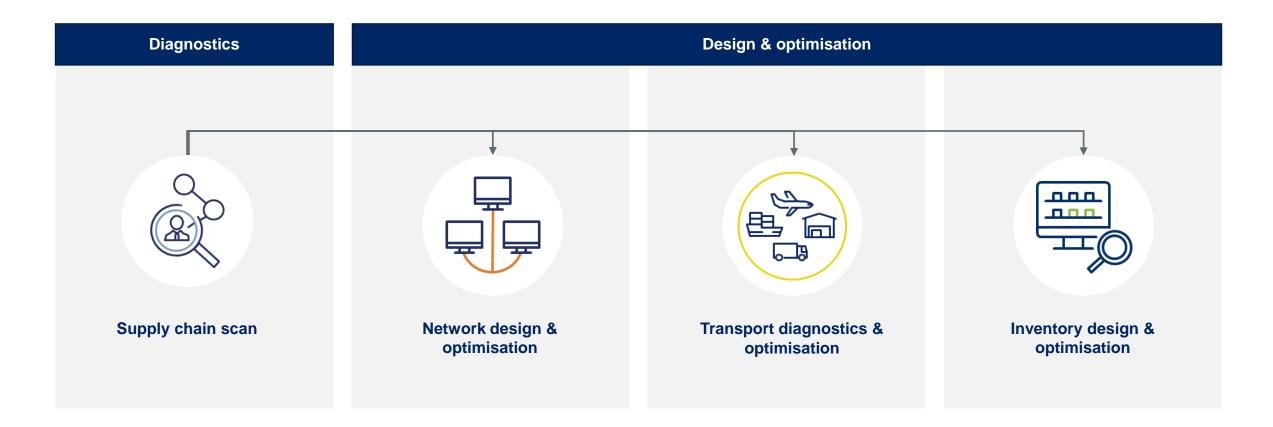


Supply Chain Optimisation



# **Supply chain optimisation**

Rethinking supply chains - challenging status quo



Finding the right balance from a cost, service, sustainability and risk perspective



# **Global Account Management**

Our industry-specific expertise and solutions













# Automotive Logistics have never been more important

# NEW VEHICLE PRICES AT RECORD HIGHS

2020 GLOBAL AUTOMOTIVE SALES 86.2 MILLION UNITS

**DEMAND** 

**REMAINS** 

**RESILIENT** 

INTERNAL
COMBUSTION
VEHICLES ARE
95% OF GLOBAL
SALES

NTERNAL COMBUSTION
VEHICLES AVERAGE
4,500 COMPONENTS

# 3 DECADES OF GLOBALISATION CAN'T BE NEARSHORED IN A DAY

2023 GLOBAL VEHICLE SALES
94 MILLIONS UNITS, SURPASSING PREPANDEMIC LEVELS

ROBUST PREMIUM VEHICLE SEGMENT DEMAND

BATTERY ELECTRIC VEHICLES AVERAGE 3,300 COMPONENTS





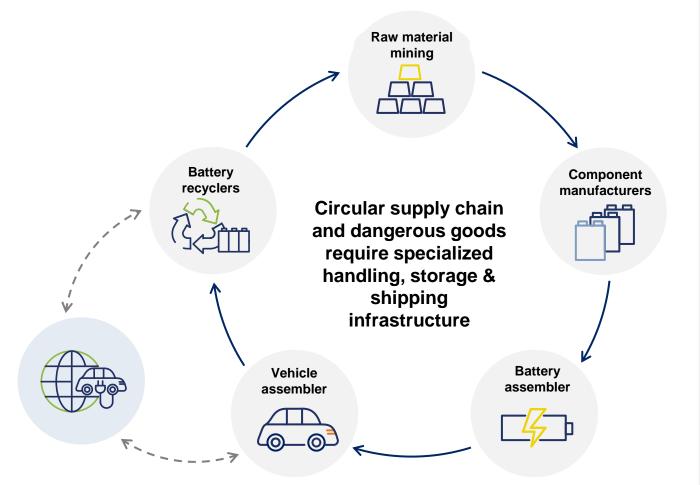
# Automotive logistics in a world of change

Senior Director Automotive Eva Ames



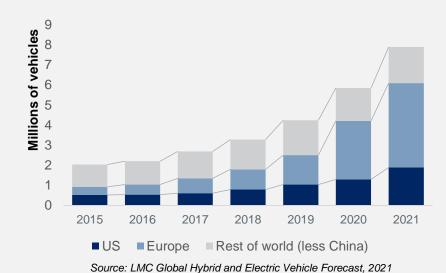
# The next big disruption

Electrification is changing the Mobility Supply Chain



#### **New Opportunities Emerge**

### Electric vehicle sales on the rise Total Addressable Market: From €1T to €2T by 2030



#### Plugging into the future

- Extending traditional services
- Developing new products
- Innovating with patentable technology
- Empowering customers



# Lithium-ion battery restrictions challenge supply chain design

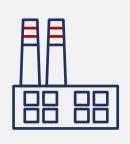
The hard things about hard things



Creativity



**Prototypes** 



**Production** 

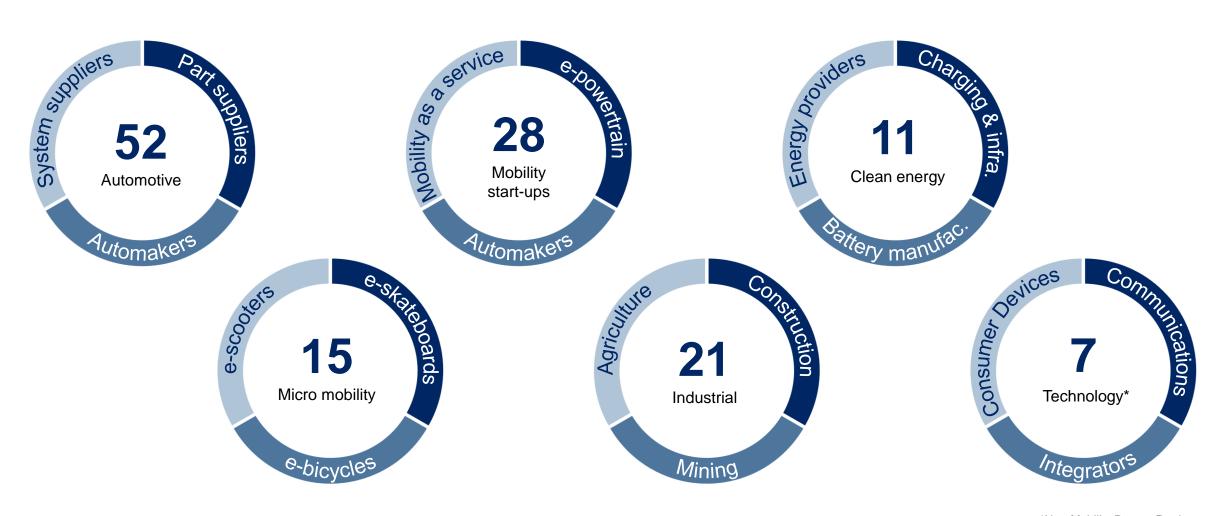


**Aftersales** 



# **Electrification & Mobility Competence Center (EMC2)**

Customer engagement by the numbers







Disruption continue to impact our customers.

DSV's role in building resilient supply chains in a world of constant change.

EMC<sup>2</sup> – Innovation to support an automotive industry in transition.



# Commercial Q&A session



# Sustainability in focus

Senior Director Sustainability Lindsay Zingg



# A clear strategy for sustainability is a license to operate

It is the right thing to do



For our planet and for our future.

Tightening regulations

5

Governments and NGOs are setting robust targets to avert climate change and support ESG agenda.

Stakeholder demands



Increasing demand from customers, employees, investors and societies at large.



# **Agenda**

- 1 Our sustainability strategy
- 2 Science-based targets
- **3** Green Logistics
- 4 Greener buildings
- 5 Partnerships





## Leading the way for a sustainable future

Our sustainability strategy



#### Governance

**Business ethics.** We do business with integrity, respecting different cultures and the dignity and rights of individuals in all countries.

Responsible procurement. We ensure our suppliers meet our high standards, service quality and price requirements, and demonstrate an understanding of our corporate sustainability objectives.



Waste management and recycling

Product and service innovation

17 PARTNERSHIPS FOR THE GOALS

8





#### **Environment**

We have a responsibility to drive our own operations and the industry towards minimising the environmental impact of transport and logistics services.





Anti-corruption

Conflict of interest

Anti-competitive behaviour

Supplier engagement

and conduct

Data privacy

Taxes







Employee engagement

Diversity and gender equality

Community engagement

Health and safety

Human rights

Labour rights



#### Social

Our people. We provide safe and healthy workplaces, and we strive to attract, motivate and retain talented people by offering responsibility, empowerment and growth opportunities.

Community engagement. We engage with and support the communities we do business in, and we use our expertise to support people in need.



## We have set ambitious science-based targets

**DSV's carbon footprint 2021** 

**Science-based targets 2030** 

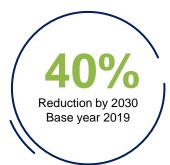
Scope 3 split by transport mode



Tonne CO<sub>2</sub>

0.25 million

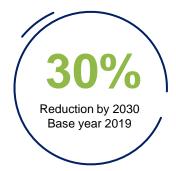
(buildings, company cars, own truck fleet)

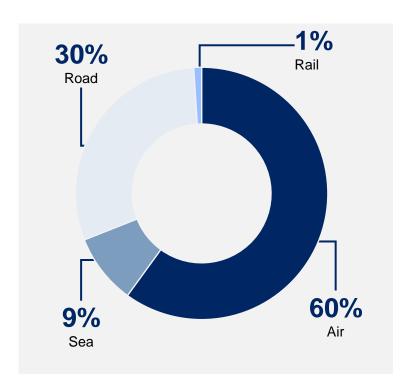


Scope 3

12.5 million

(subcontracted transport)







Because of the acquisition of GIL we are currently recalculating the 2019 baseline. We are also evaluating how best to align with the 1.5°C warming scenarios and net zero greenhouse gas emissions target.



# **Green Logistics**







### **Green Logistics**

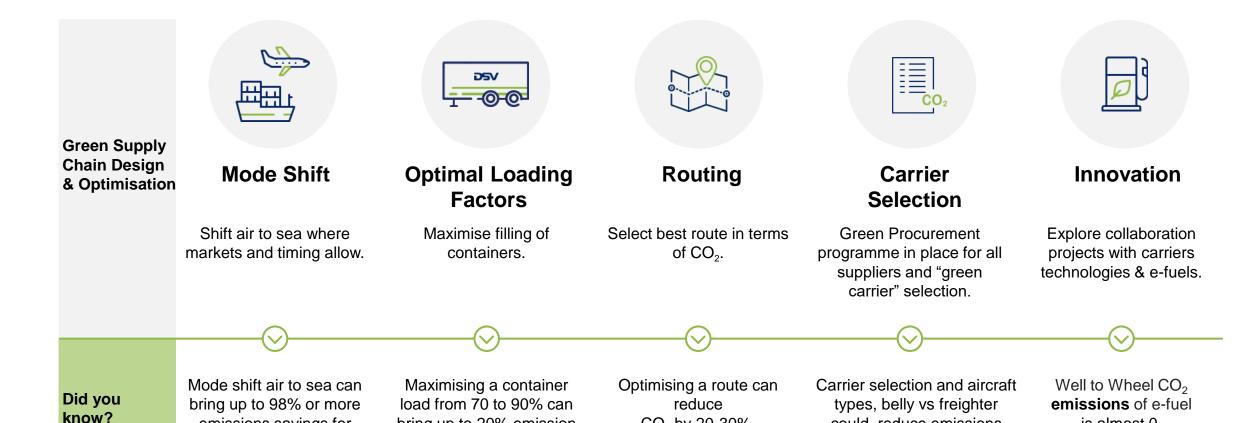
A set of solutions that reduce the carbon footprint of your supply chain

**Compensate your carbon** Track and trace your impact Fuel your green transition **Rethink your logistics** footprint CO2 Reporting offers you the **Green Supply Chain Design Sustainable Fuel Offerings Carbon Offsetting** allows insights and analyses to drive & Optimisation helps you improve you to invest in environmental let you reduce emissions reductions of your supply chain both your logistics without changing your projects to compensate for and carbon footprint. emissions. operations. your CO<sub>2</sub> emissions. Measure your Collaborate on **Optimise** and Offset for carbon footprint Reduce sustainable fuels neutrality DSV **DSV** Road **DSV Air & Sea DSV Solutions** 



## **Rethink your logistics**

We have various optimisation offerings for customers



bring up to 20% emission

savings.

CO<sub>2</sub> by 20-30%.

could reduce emissions

by more than 40%.



is almost 0.

emissions savings for

1t/km.

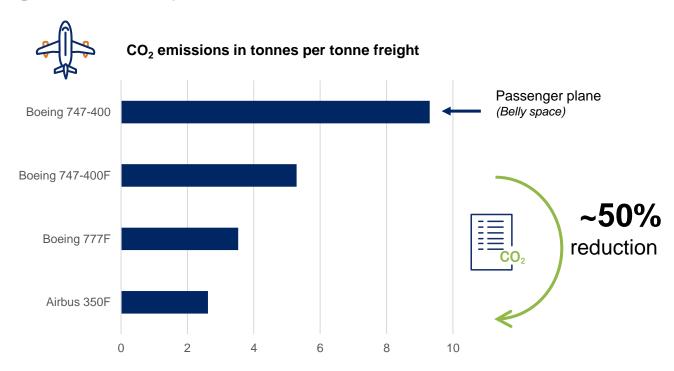
### **Emission intensity**

Significant emission savings from choosing a newer airplane

# 1 tonne of cargo from Luxembourg to Shanghai

Same weight, same distance,

but different emission intensity based on different airplane types.



Source: EcoTransit, www.airbus.com, DSV estimates



As part of DSV's Green Supply Chain Design and Optimisation offering we would be looking at options to lower transport CO<sub>2</sub> emissions by providing a choice of green carriers or routings.



# **Green Logistics pricing**

Airfreight is by far the most expensive transport mode

	1 TEU from Shanghai to Los Angeles	1 tonne from Shanghai to Los Angeles	12 tonnes from Hedehusene (DK) to Milan (IT)
Total CO <sub>2</sub> e emissions	0.7 (t) CO <sub>2</sub> e	5.2 (t) CO <sub>2</sub> e	1.1 (t) CO₂e
	Marine biofuel offering	SAF (United airlines)	Marine biofuel offering
Price to reduce by 1 tonne of CO2e	137 EUR	231 EUR	137 EUR
Price to reduce CO2e for the lane	~100 EUR per TEU	~1,200 EUR per tonne of cargo	~150 EUR for 12 tonnes of cargo



Disclaimer – CO<sub>2</sub> calculation based on EcoTransIT standard methodology. Fuel markets have lately experienced major price increases, especially for Sustainable Aviation Fuel where demand is higher than supply – potentially no supply short term. Calculation based on market prices ultimo May 2022.



# We are exploring alternative fuels/technologies for road transport to accelerate decarbonisation



#### Renewable Hydrogen

We have partnered with Danish technology and energy companies to build renewable hydrogen production for heavy road transport, shipping and aviation.

The aim is to get operational DSV trucks in Denmark



#### **Biofuel/ HVO**

DSV supports second generation biofuels (e.g. HVO) that are derived from non-food based crops or waste oil feedstocks.

Examples of current initiatives\*: HVO trucks in Sweden, Biodiesel in Singapore

Biofuel certificate offering for customers and expansion of network in Europe



This can be a true zero carbon solution if source is renewable.

Suitable for pick-up/last-mile delivery at present due to limitations posed by charging infrastructure and advances in battery technology.

Examples of current initiatives\*: E-trucks in Germany

In development: E-truck network in Europe

In the US we have joined the **SmartWay<sup>SM</sup> program** and we are committed to promoting greater energy efficiency and air quality with key focus on E-Trucks besides other alternative fuels.

\*To be evaluated upon request by customer.



### More sustainable and smarter buildings

Addressing our Scope 1 and 2 emissions



#### **Eindhoven, Netherlands**

- BREAAM 96% score (Dutch Green Building Council).
- 1,421 sqm solar equipped roof.
- Rain-water harvesting for sanitary purposes.



#### Hedelandsvej, Denmark

- · Achieved DGNB Silver certification.
- Recycling of excavated material.
- Safeguarding employee health through nitrogen filters.
- Rooftop solar panels with accompanying battery storage.



#### Gauteng Park, South Africa

- · Built-in biometrics.
- 1.6 MW of available solar.
- Water and energy saving mechanisms.
- Local community to source vehicles and resources.

High standards for new buildings built by DSV



### **Partnerships**

Working together for a more sustainable future

Achieving our sustainability goals cannot be realised alone.

That's why we work with customers, industry partners and stakeholders in the wider business and academic communities to develop solutions that benefit both our planet and our business.

Selected partnerships				
Smart Freight Centre	WORLD ECONOMIC FORUM	CARDIFF UNIVERSITY PRIFYSGOL CAERDY		
SCIENCE BASED TARGETS	GoodShipping better world	Caclean CARGO Sustainable Transportation		
EcoTransIT	eco-skies	Nasdaq PARACC		



# Wrap-up

We have set ambitious targets to reduce our emissions.

Green Logistics is a set of services which can help our customers to reduce emissions.

Collaboration with customers, suppliers and industry forums is required.



# Sustainability Q&A session



12.00-12.45

# Lunch Break

#### After the break

The Road division

CEO Søren Schmidt

The Solutions division

CEO Brian Ejsing





# The Road division

CEO Søren Schmidt



## **Krefeld cross-dock terminal**





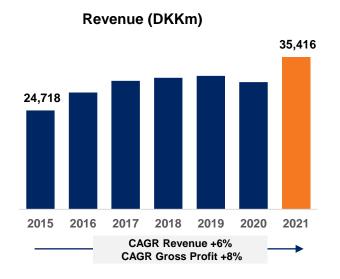


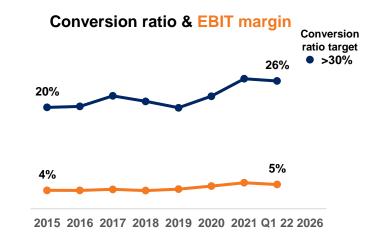
# Investment case



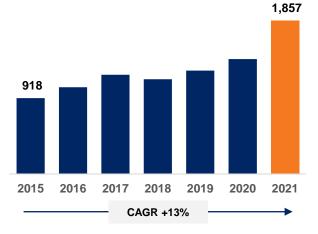
#### **DSV** Road

- European top 3 player, with growing size in North America.
- Industry-leading margin (EBIT margin >5%) in a competitive market.
- On track to reach current 2026 target for conversion ratio. Longer term upside from Road Way Forward project.



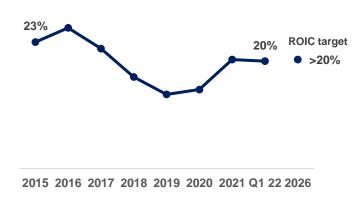






CAGR including M&A impact

#### ROIC before tax, including goodwill



ROIC before tax adjusted to reflect IFRS 16 for 2015-2018



#### **Agenda**

1 Our geographical footprint

2 One strategy for DSV Road

**3** Road Way Forward

4 Market update



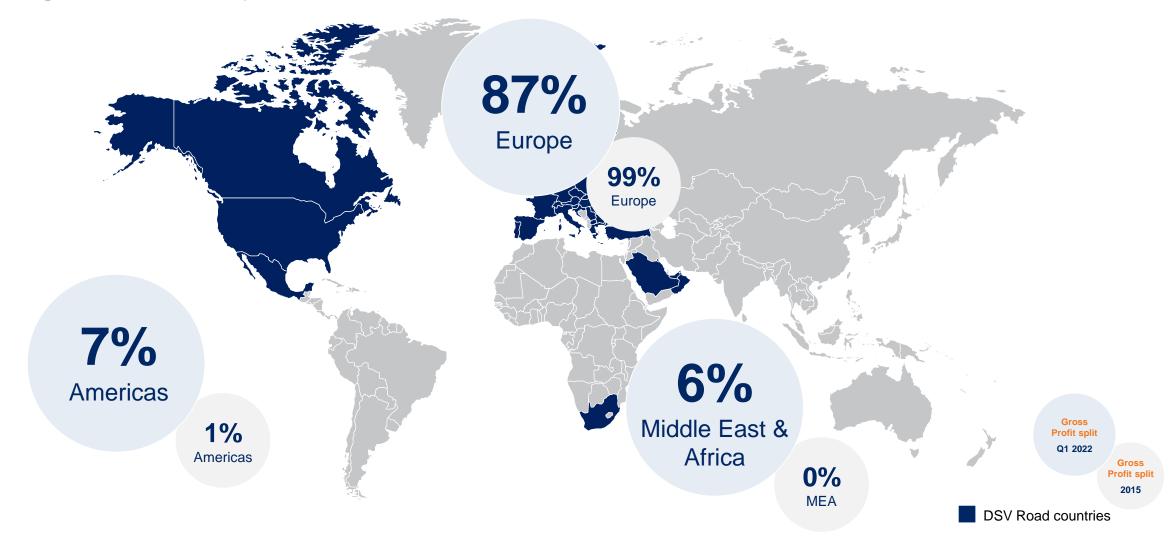


# Our geographical footprint



#### **DSV** Road

More global – but Europe is still the main market





# One strategy for DSV Road



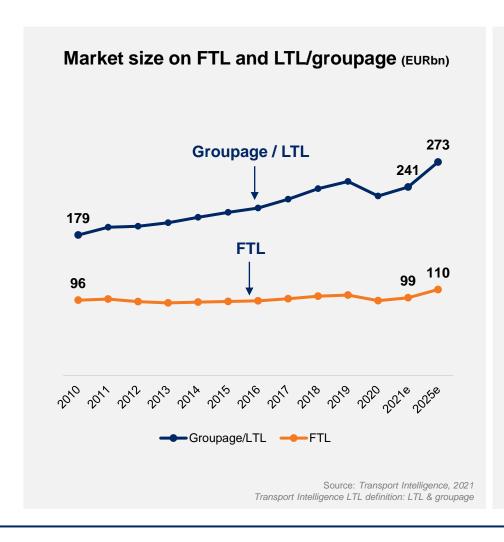
#### **DSV** Road strategy

**ONE DSV delivering connected reliable** STRATEGIC LEVEL quality and sustainable growth 2 3 **Entrepreneurial** Reliability by **ONE Superior quality ONE** scalable IT TACTICAL LEVEL through **ONE** road people drive the connected DSV infrastructure efficiently digitalise growth network service catalogue our services



#### We aim to develop our groupage capabilities

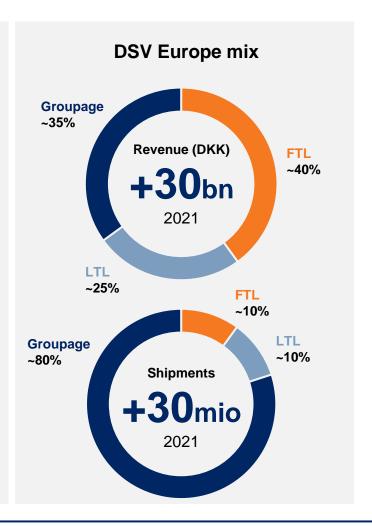
An attractive market where DSV Road already has a strong position



#### **Groupage characteristics**

#### High potential in developing our groupage business

- Larger market with higher structural growth.
- More complexity (more value add) and therefore margins are higher.
- Requires infrastructure (terminals and systems) – therefore barriers to entry are higher than FTL.





#### Creating value for customers and operations

How we realise the value potential by having ONE IT infrastructure



Common way of working in Europe unites us to become ONE Road network.



Automated workflows incl. auto-planning & auto-invoicing with standardised master data and single-file IT system.



Shipment transparency, incl. local profitability and end-2-end as soon as a shipment is planned.



**No manual intervention** on groupage shipments.



Customers to receive status information directly in myDSV.





Significant potential to increase the number of shipments per FTE



Scalable and M&A ready



# Road Way Forward



#### From CargoLink Way forward to Road Way Forward

#### **CargoLink Way Forward (2015)**

- 1 IT project to replace legacy transport management system.
- Several elements are operational today Quote Tool and Mobility Platform.
- Project is now replaced by Road Way Forward.

#### Main pain points for DSV Road

Fragmented and legacy IT infrastructure.

2 Fragmented service catalogue.

Country-by-country operation – limited network thinking.

#### **Road Way Forward (2022)**

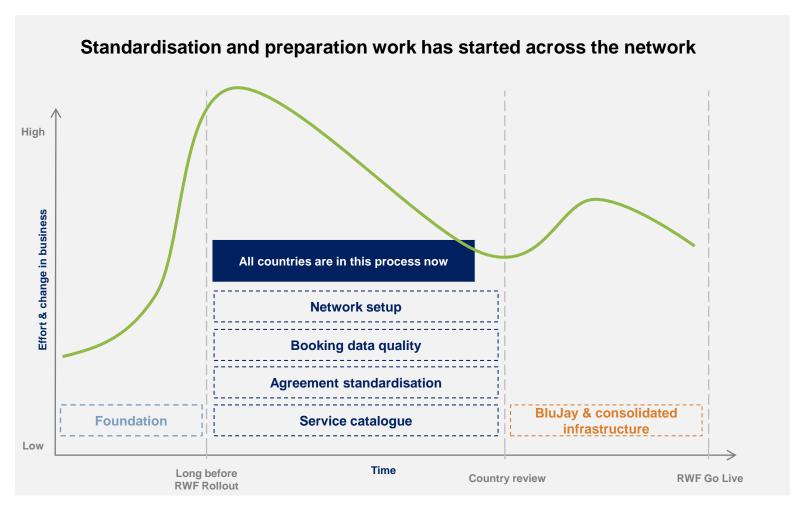
- ONE scalable IT

  infrastructure to standardise
  and digitalise our workflows
  and services.
- 2 ONE European groupage network to operate with reliable and industry-leading service levels and profitability.



#### The Road Way Forward project

Standardisation and rollout – expected high-level timeline







#### What to expect from Road Way Forward

A higher and standardised service level towards customers

- Reliability
- Sustainability

#### Scalability

- M&A ready
- Enables Road to embark on a journey similar to Air & Sea: growth and margin expansion

#### **Operational excellence**

- Automation of processes
- Upside to our >30% conversion ratio target, as rollout progresses



# Market update



#### **Current market situation**

#### **Capacity & driver situation**

- EU Mobility Package and Ukraine crisis has put capacity under pressure.
- DSV Road benefits from scale and strong procurement setup.

#### **Cost inflation**

- We are increasing our rates in a competitive market.
- Diesel surcharge is automatically adjusted based on contracts in most cases.

#### **Demand**

- Uncertainty related to macroeconomy in general, demand is still holding up.
- Decline in B2C shipments, after COVID-19 peak in 2021
- Automotive industry suffers from lack of components.





### Wrap-up

**ONE** scalable IT infrastructure.

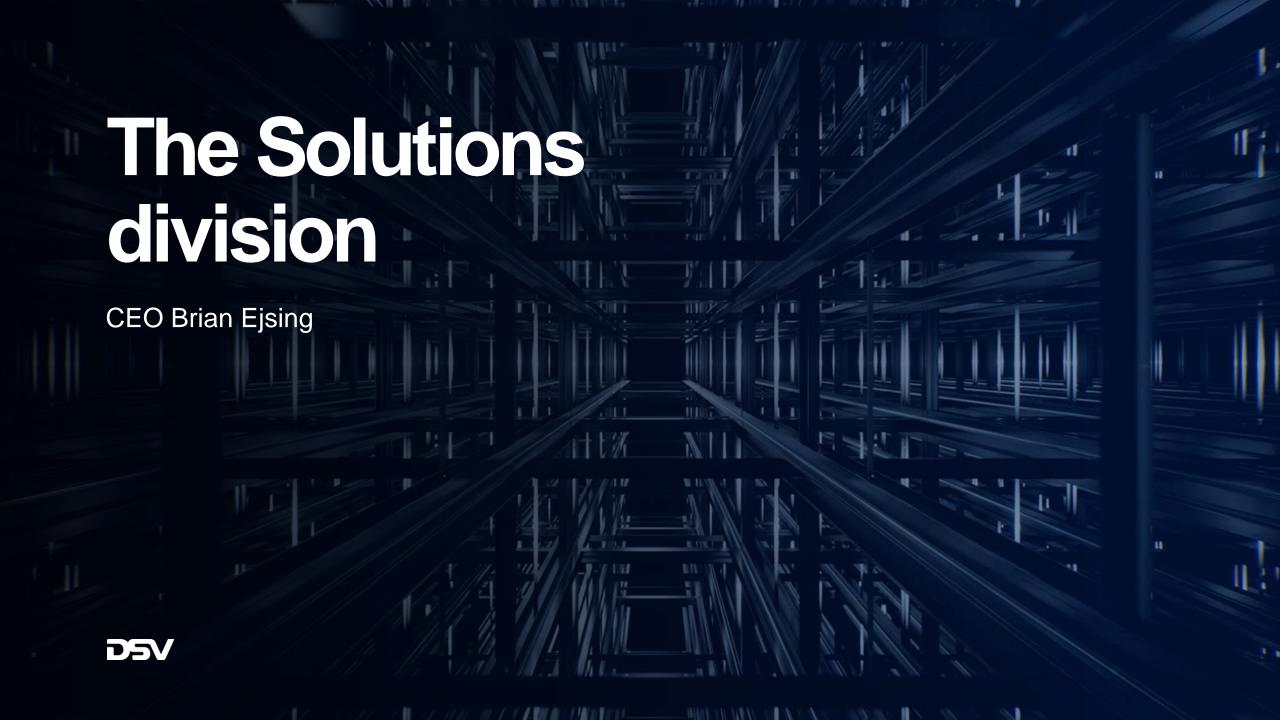
ONE European groupage network.

Fully implemented Road Way Forward will provide upside to current conversion ratio target of >30.0%.



# Road Q&A session



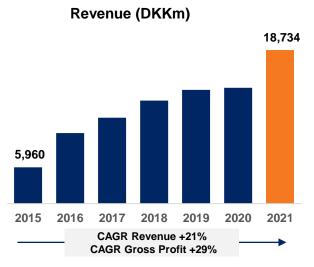


## Investment case



#### **DSV Solutions**

- Global presence, large multi-user campuses and consolidated IT infrastructure.
- A diversified customer base with focus on high-growth segments.
- Long-term strategy for property development.
- Industry-leading margins and strong growth.
- On the right track to achieve ambitious ROIC target.

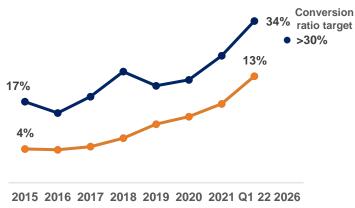


#### EBIT before special items (DKKm)

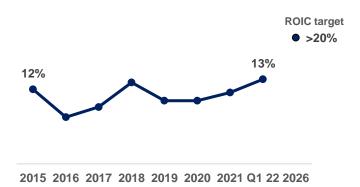


CAGR including M&A impact

#### Conversion ratio & EBIT-margin



#### ROIC before tax, including goodwill



ROIC before tax adjusted to reflect IFRS 16 for 2015-2018



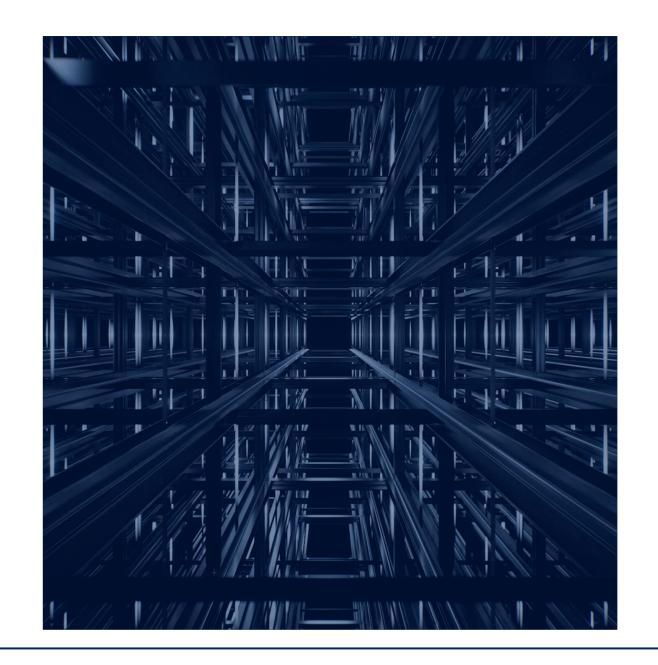
#### **Agenda**

1 Global footprint and market growth

2 Campus strategy

**3** Automation

4 Wrap-up



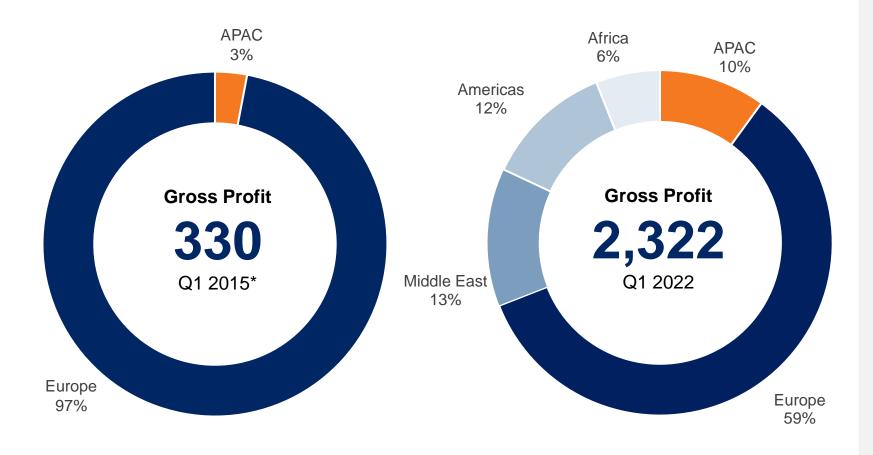


# Global footprint and market growth



#### **Global footprint**

#### Diversification



#### **DSV Solutions**

- Clear benefits from M&A
  - UTi: America + South Africa
  - Panalpina: LATAM + APAC
  - GIL: Middle East + APAC
- Organic growth = outperforming market by 100% in Europe – via addition of capacity in key strategic locations.
- We aim to grow our business outside Europe and thereby reduce European footprint to less than 50%.

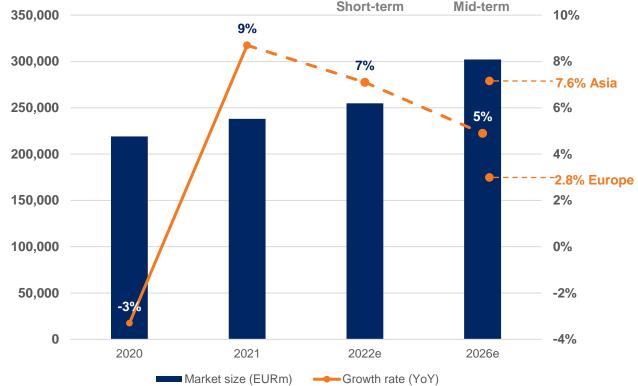
\*Q1 2015 does not Include IFRS 16.



# We aim to gain market share in a growing market

Attractive GDP-multiples

#### **Contract logistics market growth**



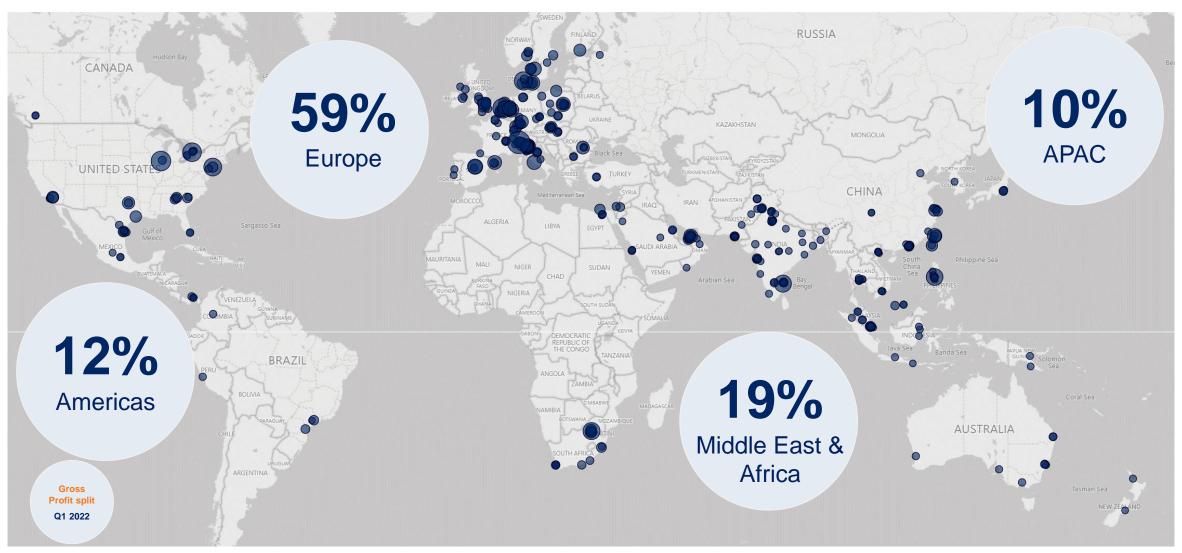
Source: Transport Intelligence April 2022

#### Market trends and growth opportunities

- Increasing demand for warehouse capacity in the right locations across the globe.
- Companies have focus on creating more robust supply chains – this will lead to higher inventory levels and more stock points.
- More local/regional production and assembly.
- Our strategy includes focus on segments with structurally higher growth rates: e-commerce and pharma/healthcare.
- Bolt-on acquisitions can be relevant to add specific competences or new geographical footprint.



#### Global coverage with 7.5 million square metres across +500 sites



Live picture from DSV Solutions Power BI



# Campus strategy



#### Strategic focus areas

#### Sustainable growth

- E-commerce increasing our global fulfilment activities and extending our service offering.
- Expanding our global network of multi-user campuses.
- Rolling out our DSV Fulfilment Factories in strategic locations throughout the globe, lowering the threshold of automation.
- Healthcare growing our footprint and developing our offering within the industry.



#### People

- Taking care of our people, not least ensuring a safe and stable work environment.
- Retaining talent by offering a best-inclass workplace and career opportunities.

#### **Operational excellence**

- Providing best-in-class operations through performance management and our Warehouse Management System.
- Sustainability contributing to a better world through emission reductions from existing and future buildings.
- Rapidly increasing application of new technology, i.e., machine learning, automation and robotics.

Our strategy is centred around meeting our customers' needs



#### Our strategy for warehouses —— campuses

#### What is a campus?

DSV builds logistic hot spots, consolidating several smaller warehouses in close proximity into large facilities (50,000-200,000 sqm).

#### **Strategy**

- Road map for each major country/market (+5 years).
- Identify the right locations and growth opportunities.
- DSV Property in charge of development process.
  - Standardised warehouse design.
  - In line with our asset-light model, warehouses are ultimately owned by external investors.
- Road map for approx. 1 million sqm warehouses yearly.
  - Build 30%-40% extra for growth.
  - Each project must live up to 20% ROIC target.
  - ONE DSV coordination with Road and Air & Sea.





#### Our strategy for warehouses —— campuses

#### Benefits of modern multi-user sites











Flexibility due to size to accommodate changes in customers needs.

Scale: improved utilisation of equipment and space (pallets per m2), better staff planning and more efficient workflows = average 15% improvement.

Shared IT infrastructure across all locations.

Standardised customer implementations.

Long-term leases
(10 years +)
Enables warehouse
automation.

**Green profile** – CO<sub>2</sub> efficiency.











## +1,500,000 square meters planned 1-2 years ahead







# Automation



#### Our approach to automation

#### Must be the right fit for the customer

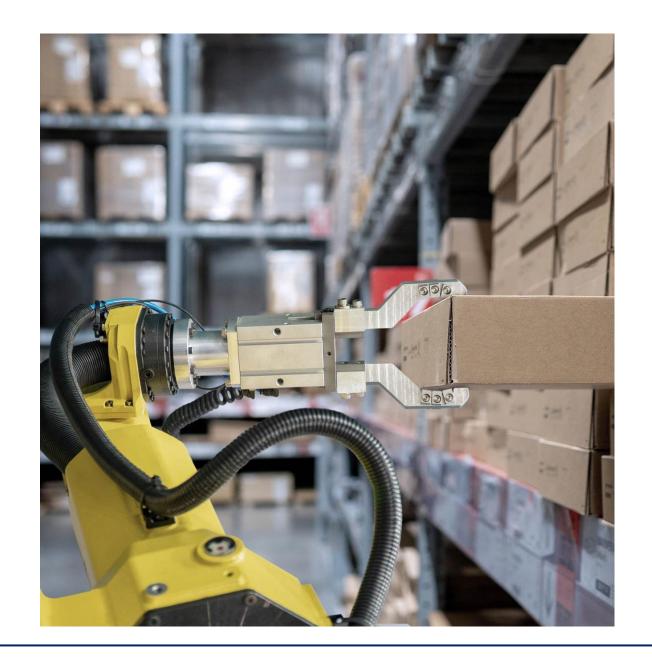
- Automation is typically relevant for customers with high flow and small items.
- E-commerce, spare parts.
- Standardised automation for small customers.
- Customised for large accounts.

#### We apply the "enterprise" approach

- Standard automation catalogue (plug & play).
- We find the right solutions in the market and roll them out.
- Ensures scalability.
- Better implementations.

#### In some markets, manual labour is a better solution

Investments in automation must deliver ROIC of 20%.





#### **Warehouse Automation**

High quality automation products for flexibility and reduced costs

Our vision is to implement high-quality automation products with flexible solutions and applications that can help our customers adjust to faster production, limit dependency on hired staff, increase efficiency, competitiveness and process quality.



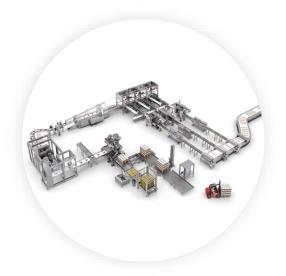
#### **DSV Fulfilment Factory**

- Plug & play
- Flexibility
- For companies of all sizes
- 5 of 16 planned sites are operational as per Q1 2022.



#### **Automation Programme**

- Standardised approach
- Off-the-shelf automation products
  - Proven technology
  - Documented results



#### **Turn-key Automation Project**

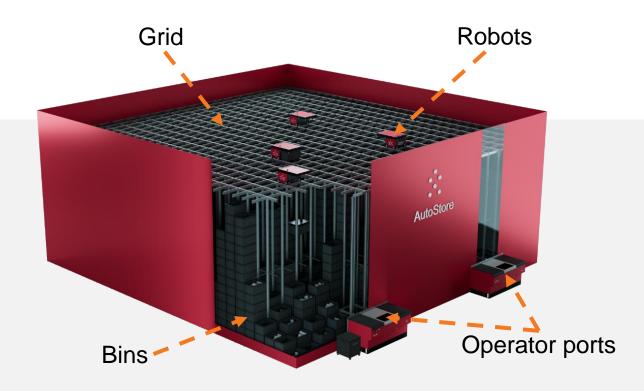
 Unique project concepts designed to meet exact needs.



#### **DSV Fulfilment Factory**

#### Unique pay-per-use concept

- The DSV Fulfilment Factory provides "goods-toperson" fulfilment automation for flexibility, so our customers can cope with volume fluctuations without compromising quality.
- DSV Fulfilment Factory is available in a multi-user warehouse environment with no investment needed from our customers.



#### **PLUG & PLAY**

No additional costs for software or hardware required.

#### **AUTOMATION**

Based on the tried and tested Autostore technology.

#### CONTROL

Continuous quality check of all steps in the fulfilment process.

#### **SPEED**

The fastest order fulfilment system per square meter in the market.

#### **FLEXIBILITY**

The perfect way of coping with volume fluctuations.

#### **SUSTAINABILITY**

More efficient usage of warehouse space minimises emissions.



#### Fulfilment Factories - Roadmap 2022 and beyond

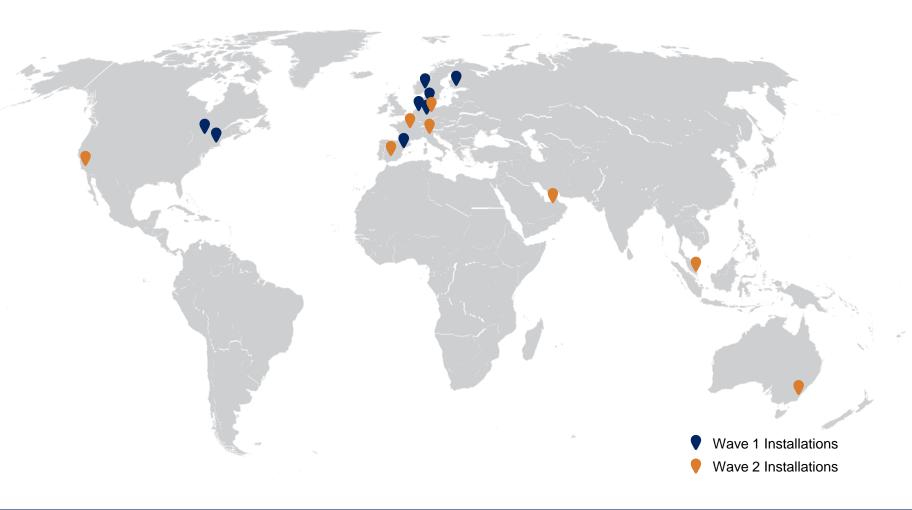
AutoStore installations

#### Wave 1

- Helsinki
- Oslo
- Copenhagen
- Krefeld
- Venlo
- New York
- Toronto
- Barcelona

#### Wave 2

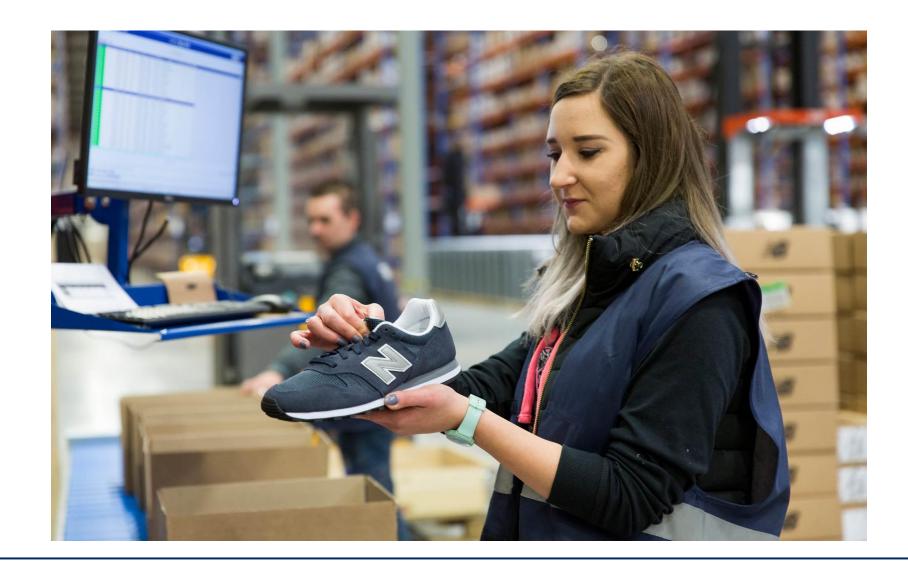
- Los Angeles
- Madrid
- Paris
- Milan
- Szecin
- Dubai
- Singapore
- Sydney



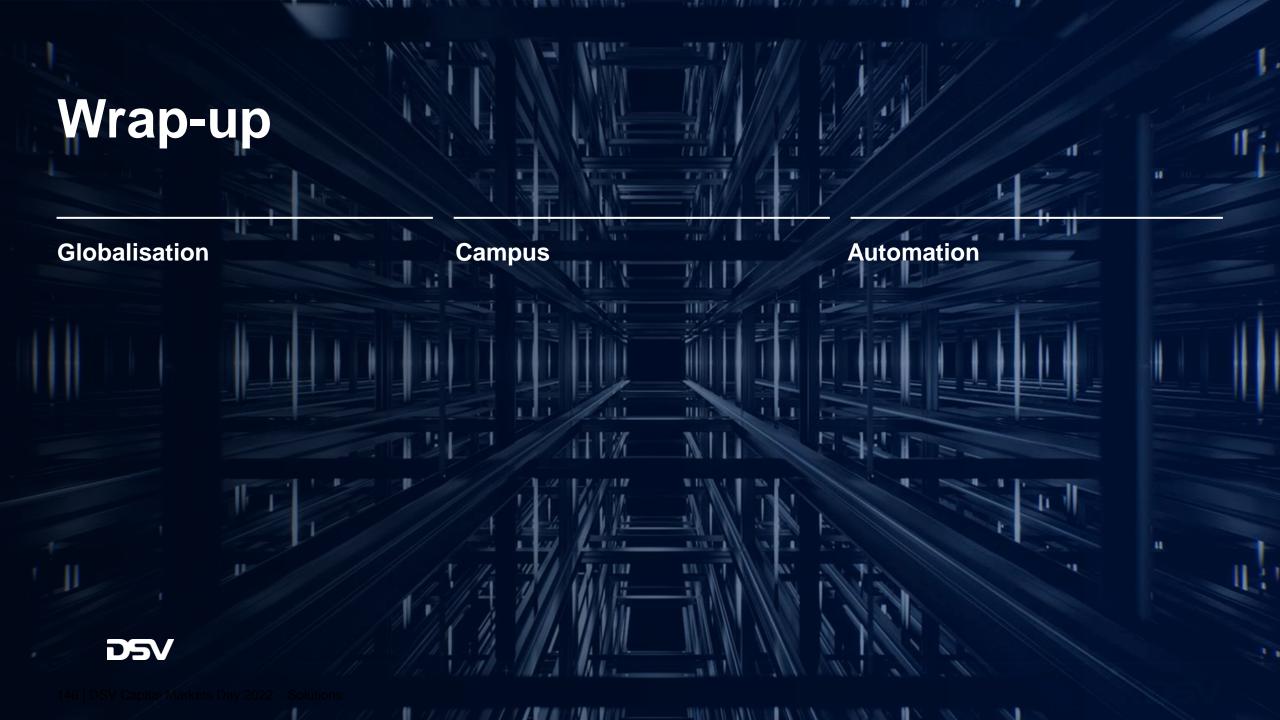


#### **Customised Automation Project**









### Solutions Q&A session



13.45-14.00

### Break

#### After the break

New tech on our radar

Group CIO Jesper Riis

Financial update & wrap-up

Group CFO Michael Ebbe &
Group CEO Jens Bjørn Andersen

Busses to Hedeland

Tour at Hedeland Logistics Centre





#### Our platforms handle massive volumes

- enabling DSV's growth

Air & Sea



**Global TMS Platform** 

+8 million

jobs handled in 2021

Road



**Global TMS Platform** 

+40 million

shipments handled in 2021

**Solutions** 



**Global WMSs** 

+220 million

order lines handled in 2021

**EDI** 



**EDI Standard & EDI Plus** 

+26 million

monthly messages on EDI

**Public API** 



**Public API Portal** 

**+50,000** public API bookings monthly

**Customer portal** 



myDSV

+400,000

monthly bookings via myDSV





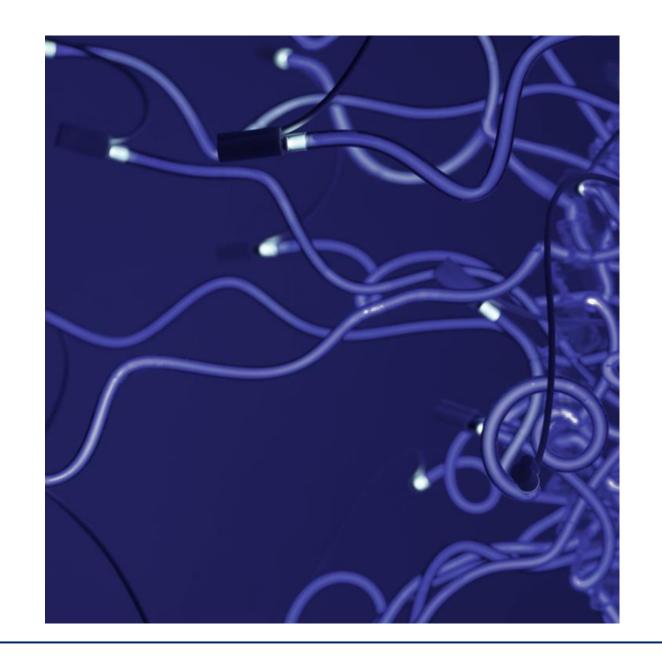
#### Agenda

1 Consolidated and scalable IT platform

2 How we work with innovation

3 Technology radar

4 Examples of use cases





## Consolidated and scalable IT platform



#### Consolidated and scalable IT platform

Supporting transparency, productivity, scalability and innovation



Enable the business and meet user needs



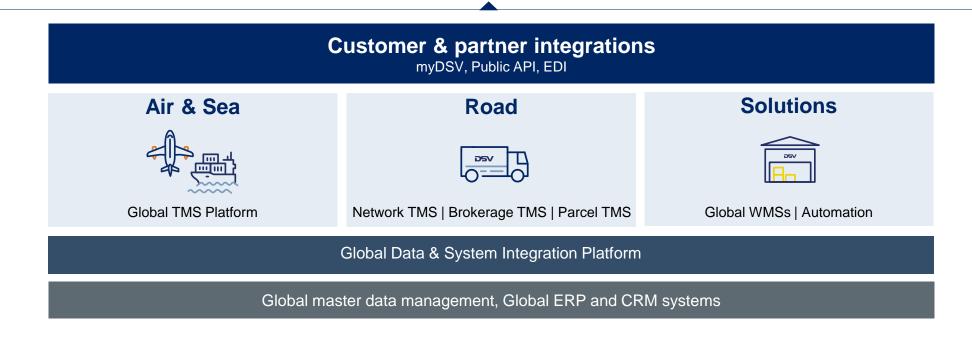
Scale and prepare for growth



Be cost efficient



Enable execution on DSV Strategy



**Standardisation** 

Consolidation

Reduce dependencies

**High security level** 



## How we work with innovation



#### How we work with innovation

Our Innovation Hub tests ideas together with the organisation





#### **DSV** innovative response to market trends

### Responsiveness and resilience in supply chains

- Support complex supply chains via fine-grained visibility.
- Support selection of fastest, cheapest or greenest option using dynamic planning.

#### **Green Logistics**

driving lower carbon footprint

- Measure detailed carbon footprint per shipment based on low-level data collection.
- Artificial intelligence (AI) driven models to predict greenest route for cargo.

#### **Automation**

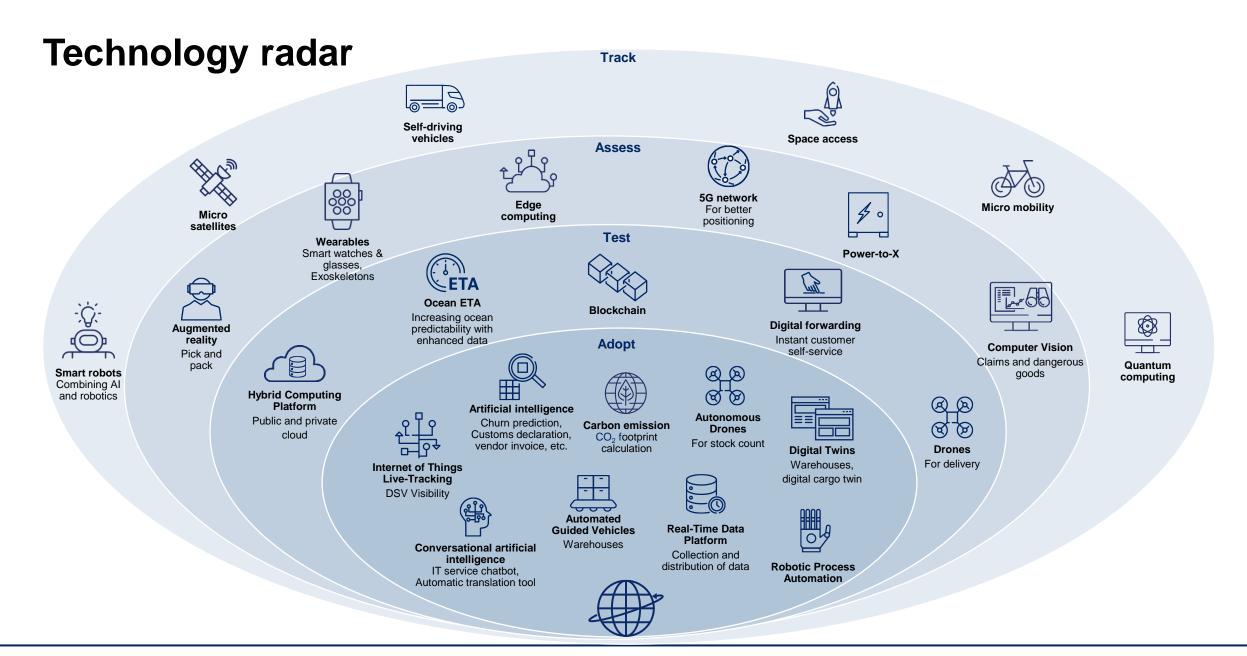
accelerating use of data and Al

- Automation of labour intensive tasks using data and AI driven services.
- Establish automation equipment reducing manual labour as well as supporting more advanced and intelligent operations with higher quality.



## Technology radar





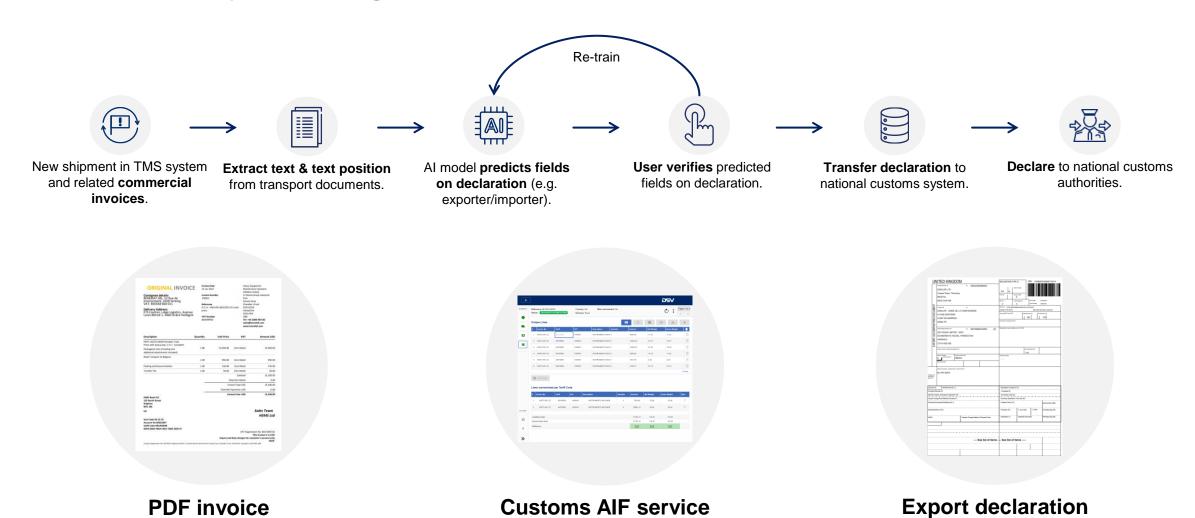


## Examples of use cases



#### **Artificial Intelligence – customs declaration**

When a machine performs cognitive functions like a human mind





#### **Digital Twin**

Automatic scanning for cargo (weight and dimensions)

Digital twin



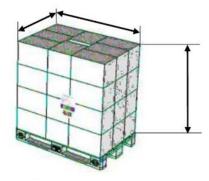
1. Automatic



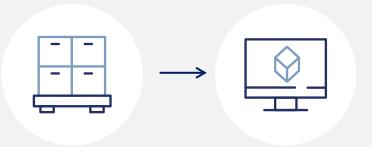
3. Segmentation of load



**2.** 3D model generation



4. Volumetric calculation



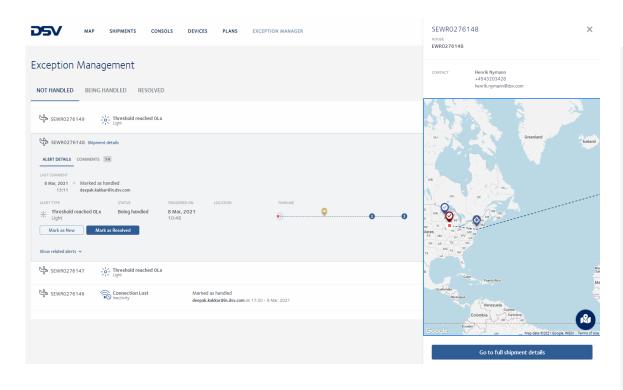
#### **Digital Twin**

- The physical dimensions of cargo are mirrored into a digital twin.
- A digital cargo twin provides better data foundation for planning, execution and invoicing of transports.

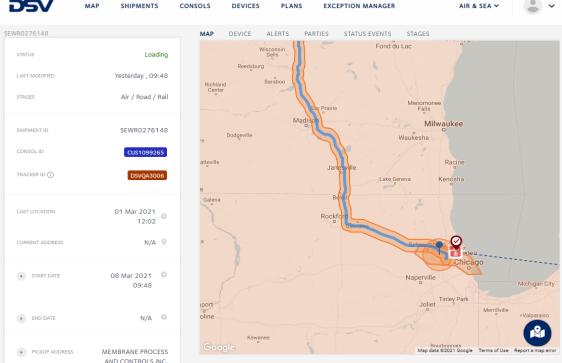


#### Internet of Things (IoT)

#### Live cargo tracking – DSV visibility



- The Exception Management page shows all the alerts that have been triggered.
- It makes it easy for the control tower to get an overview and work with multiple alerts.



- The details page shows all the geofences and rules created for the shipment.
- We see exactly when and where alerts occurred.





### Wrap-up

Consolidated and scalable IT platform

- supporting transparency, productivity and scalability.

A structured approach to innovation using the DSV Technology radar.

Many technologies are already used in DSV.



### New tech on our radar Q&A session



## Financial update

Group CFO Michael Ebbe



#### Intro to new Group CFO

Michael Ebbe

## Continuation of DSV's financial strategy and capital allocation strategy 33

**Executive Board** 

**Group CEO** 

Jens Bjørn Andersen **Group COO** 

**Jens Lund** 

**Group CFO** 

**Michael Ebbe** 





### Operational excellence in Finance

My pledge as CFO

#### **Transparency**

- One truth
- Clear P&L ownership
- Activity-based costing

#### **Efficient infrastructure**

- Support the business
- Scalability
- Low cost per transaction
- Efficient use of international share service centers

Clear and consistent principles for capital allocation

Strong support to M&A processes and integrations

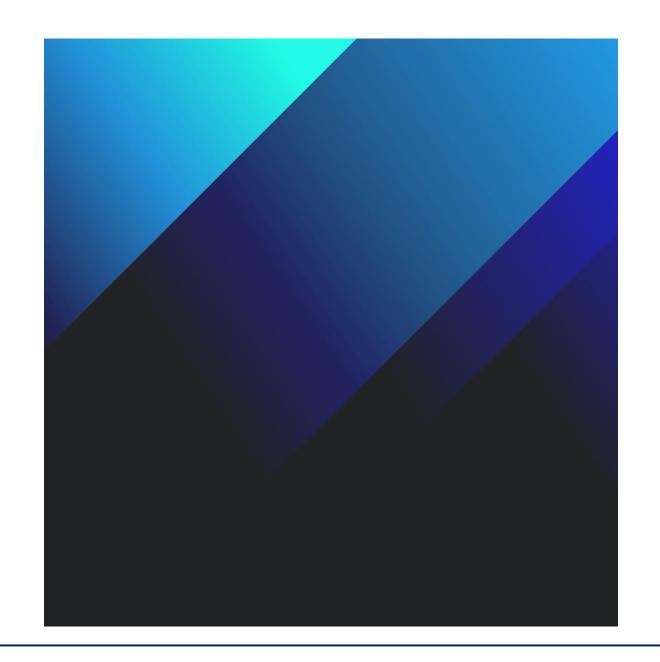




#### **Agenda**

- **1** Guidance and long-term financial targets
- 2 Capital allocation & capital structure
- 3 Net working capital
- 4 Lease liabilities

**5** Q&A and wrap-up





# Guidance and long-term financial targets



#### Reiterating outlook 2022

(DKKm)	Outlook 2022	Actual 2021
EBIT before special items	21,000-23,000	16,223
Effective tax rate	23.0%	24.5%

#### **Main assumptions**

- Global economic growth around 2-3% in 2022. Uncertainty related to the global economy has increased.
- A reduction of supply chain disruptions and port congestion could start in the second half of 2022, leading to a gradual decline in gross profit yields for air and sea.
- EBIT impact from GIL of at least DKKm 2,550 million in 2022.
- Special items (integration costs) is expected to be approx. DKKm 1,000 in 2022.
- Based on currency exchange rates by the end of April 2022.



#### Reiterating our 2026 financial targets

Aiming for 45% conversation ratio for the Group

	2021 actual	2026 targets
DSV Group		
Conversion ratio	43.1%	>45.0%
ROIC (before tax)	19.6%	>20.0%
Divisional conversion ratios		
Air & Sea	53.7%	>50.0%
Road	26.2%	>30.0%
Solutions	26.7%	>30.0%

#### **Assumptions**

- Annual GDP growth around 3% and transport market growth on the same level.
- We expect to gain market share in all divisions.
- For the five-year outlook, we have assumed that gross profit yields for air and sea will gradually decline.
- Targets are based on organic growth, excluding the potential impact from large acquisitions.
- Effective tax rate of approx. 23%.
- CAPEX: 0.5-0.75% of revenue.
- NWC around 3% of net revenue, measured at year end.
- Gearing ratio target: NIBD below 2.0x EBITDA before special items.

Conversion ratio: EBIT before special items in % of gross profit.



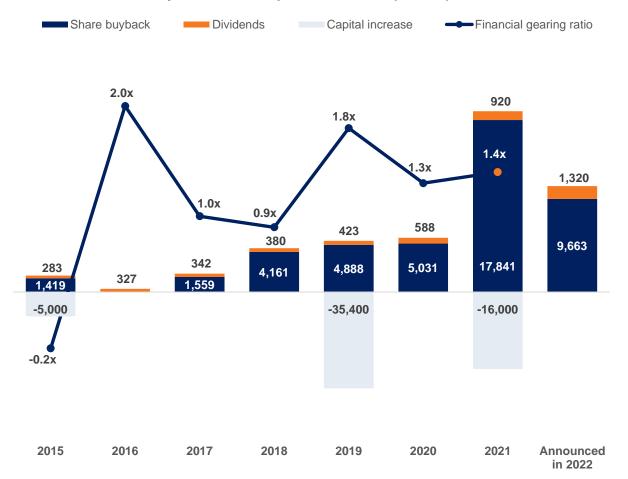
## Capital allocation and structure



#### Capital allocation and structure

Proven, predictable and firm capital policy

#### Dividends, share buybacks and capital increases (DKKm)



#### **Capital allocation policy**

- 1. Repayment of debt if NIBD above target gearing ratio.
- 2. Value creating acquisitions or further development of existing business.
- 3. Allocation to shareholders via share buyback and dividends.

#### **Capital structure objectives**

- Sufficient financial flexibility to meet strategic objectives.
- A robust financial structure to maximise return for investors.
- Net interest-bearing debt below 2.0x EBITDA before special items.
  - 31 March 2022: 1.2x

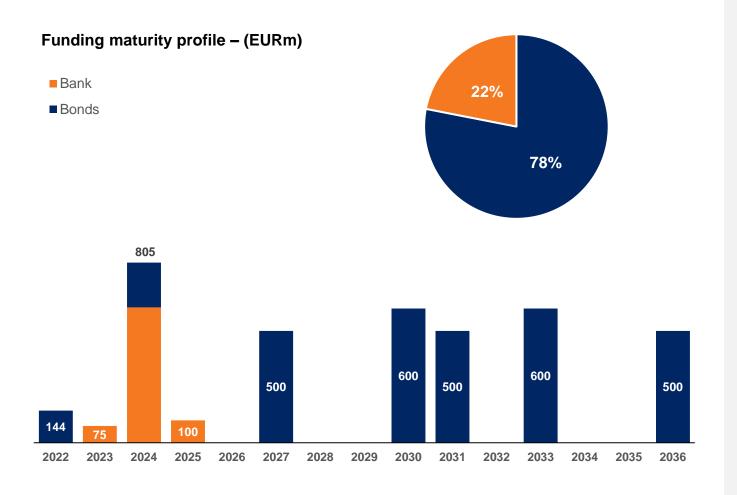
#### **Dividend policy**

 We aim to ensure an annual dividend pay-out ratio of approximately 10-15% of net profit.



#### **Debt structure (excl. leasing)**

#### A robust financial structure



#### **Active use of debt capital markets**

- Majority of funding is now from corporate bonds.
- · Supports our targets for capital structure.

#### Committed to maintaining our credit ratings

- Moody's: A3 (Stable)
- S&P: A- (Stable)

#### Strong, long-term funding in place

- Corporate bonds: EUR 3,044 million.
- Committed bank facilities: EUR 780 million
  - · Currently not utilised.
- Average duration of long-term credit facilities 8.9 years.



## Net working capital



#### **Net working capital**

#### Record-high freight rates and acquisitions led to increase

#### Net working capital and NWC/Revenue (DKKm)



#### **Comments**

- Increase is due to M&A.
- Change in business mix more exposure to Air & Sea.
  - Shorter payment terms from suppliers.
- Growth in global accounts pressure from customers to extend payment terms.
- 2021 impacted by higher freight rates
  - No increase in overdue receivables
  - Reduction of NWC expected when freight rates stabilise at lower levels.
- Going forward, we expect NWC to be in the level of 3% of revenue, measured at year end.



### Lease liabilities



#### **Lease liabilities**

#### IFRS 16 impact in financial statements

(DKKm)	2019	2020	2021
P&L			
Depreciations	2,734	2,990	3,145
Interest cost	383	434	495
Cash flow elements			
Interest (operating activities)	383	434	495
Repayment of lease liabilities (investing activities)	2,763	3,058	3,160
Balance sheet			
Right-of-use assets	11,671	11,111	13,709
Lease liabilities	12,612	12,278	15,288

#### **Comments**

#### Right-of-use assets

• Buildings: 96%

• Equipment: 4%

#### **Split by divisions**

• Air & Sea: 23%

• Road: 26%

• Solutions: 51%



### And finally!



### We have never been stronger

- Digital infrastructure
- Physical infrastructure
- Integrations
- Robust organisation
- Global footprint
- Flexible business model



## Financial Q&A session



# Wrap-up Capital Markets Day 2022 CAGR +28%

**Earnings per share (DKK)** 





#### **Hedeland Logistics Centre**



