

# Investor Update 2022 Financial Year Deutsche Bahn

Deutsche Bahn AG, March 2023

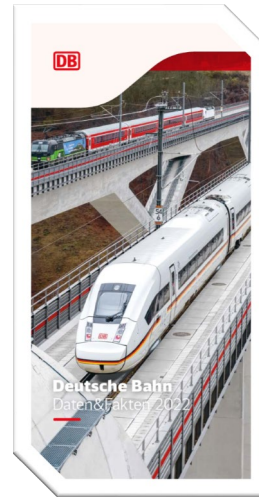


# 2022 Financial Year: full information package available



## 2022 Integrated Report

English version available  
May 2023 ([db.de/ib-e](https://www.db.de/ib-e))  
German version: [db.de/ib](https://www.db.de/ib)



## Facts&Figures 2022

Download available at  
[db.de/ir-e](https://www.db.de/ir-e)



## Annual Results Press Conference (speeches and slides)

Download available at  
[db.de/arpc](https://www.db.de/arpc)

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# Highlights

01



# Ongoing economic recovery in 2022 driven by volume increases in passenger transport and strong development of DB Schenker



(€ mn)	2022	2021	+/- €	+/- %	2019
<b>Revenues adjusted</b>	<b>56,296</b>	<b>47,250</b>	<b>+9,046</b>	<b>+19.1</b>	<b>44,431</b>
<b>EBIT adjusted</b>	<b>1,253</b>	<b>-1,552</b>	<b>+2,805</b>	<b>-</b>	<b>1,837</b>
<b>Net loss/profit for the year</b>	<b>-227</b>	<b>-911</b>	<b>+684</b>	<b>-75.1</b>	<b>680</b>
<b>Gross capital expenditures</b>	<b>15,353</b>	<b>15,387</b>	<b>-34</b>	<b>-0.2</b>	<b>13,093</b>
<b>Net capital expenditures</b>	<b>6,750</b>	<b>6,342</b>	<b>+408</b>	<b>+6.4</b>	<b>5,646</b>
<b>Net financial debt as of Dec 31</b>	<b>28,827</b>	<b>29,107</b>	<b>-280</b>	<b>-1.0</b>	<b>24,175</b>
<b>ROCE (%)</b>	<b>2.8</b>	<b>-3.6</b>	<b>+6.4</b>	<b>-</b>	<b>4.3</b>

## Details





# Highlights 2022 - Recovery ongoing, passenger volumes significantly up, noticeable operating profit, Covid-19 support implemented



1

**Significant recovery of volumes in passenger transport**, especially at DB Long-Distance.

2

**Financial recovery continued**, operating profit of more than € 1 bn.

3

**Significant positive contribution by DB Schenker** due to further strong increases.

4

**Only moderate impact of energy cost increases** mainly due to hedging measures.

5

**Government support measures for mitigation of Covid-19 impact completely implemented.**

6

**We are well underway on our path for a Green Transformation.**

7

**Outlook for 2023 blurred** mainly due to higher energy costs and significantly expanded infrastructure measures.

8

**Significantly more Government funds** to increase infrastructure quality and capacity.

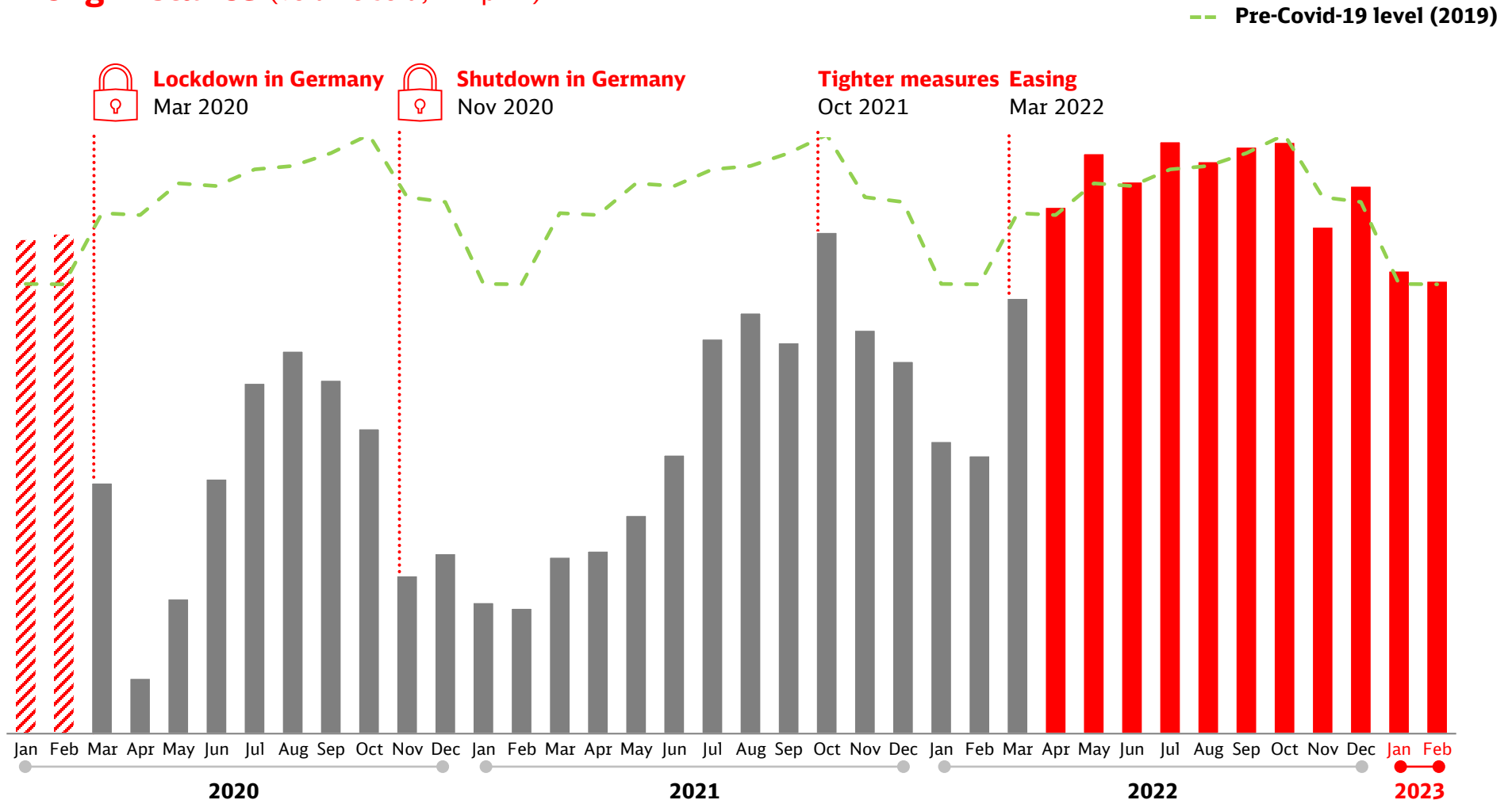


1

Strong volume recovery since March 2022,  
long-distance volumes are now on pre-Covid-19 levels again



## DB Long-Distance (volume sold; mn pkm)





1

Strong performance recovery in 2022 – in regional passenger transport pre-Covid 19 levels not yet reached again



## Performance development (vs respective period of 2019)

### DB Long-Distance (pkm)



### DB Regional (pkm)



### DB Cargo (tkm)



### DB Netze Track (train-path km)



### DB Arriva (bus km)



### Land transport (shipments)



### Air freight (t)



### Ocean freight (TEU)



1

9-€-Ticket gave a strong boost to demand, the new Germany ticket is intended to continue the success story from May 2023 onwards



### 9-€-ticket



With the 9-€-ticket local public transport was available throughout Germany from June to August 2022 for 9 € per month. From June to August 2022, we recorded a significant increase in volume sold compared to pre-Covid-19 levels.

**DB volume sold**

**>+20%**

**52**  
Millions of 9-euro tickets sold



**17**  
Percent of passengers changing to public transport



**10**  
Percent avoid at least one daily car trip



**5**  
Every fifth buyer was a new customer



**Germany ticket**

- › Germany-wide valid public regional transport ticket.
- › € 49 per month.
- › Sold digitally on a monthly subscription.
- › Federal and state governments will each contribute half of the funding for the ticket (€ 3 bn in total).
- › Start: May 1, 2023.

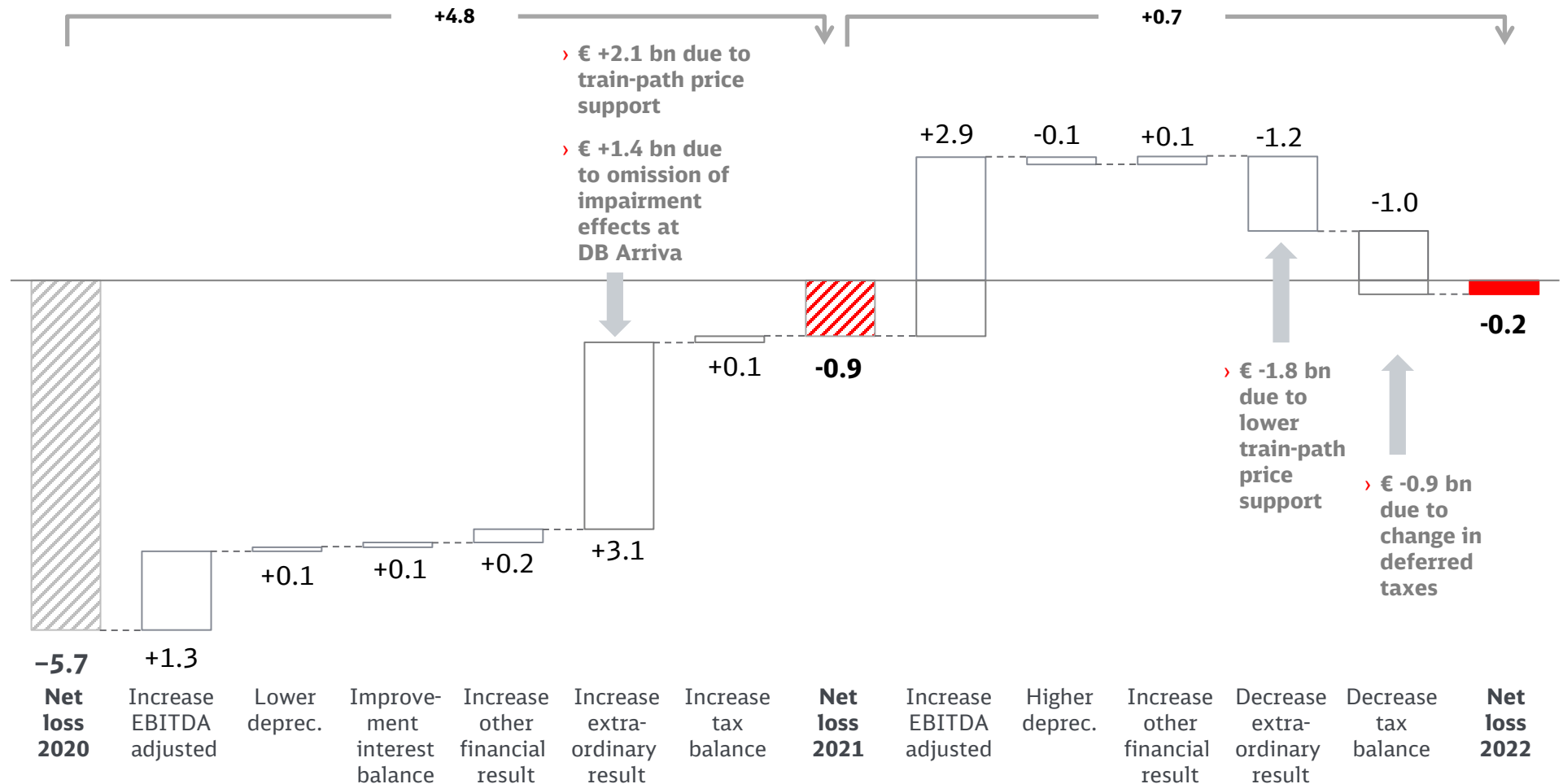
Source: <https://www.vdv.de/bilanz-9-euro-ticket.aspx>



## 2 Net profit recovery continued in 2022 FY after severe Covid-19 driven decline in 2020 FY



### Net profit development (€ bn)



Possible differences are due to rounding.

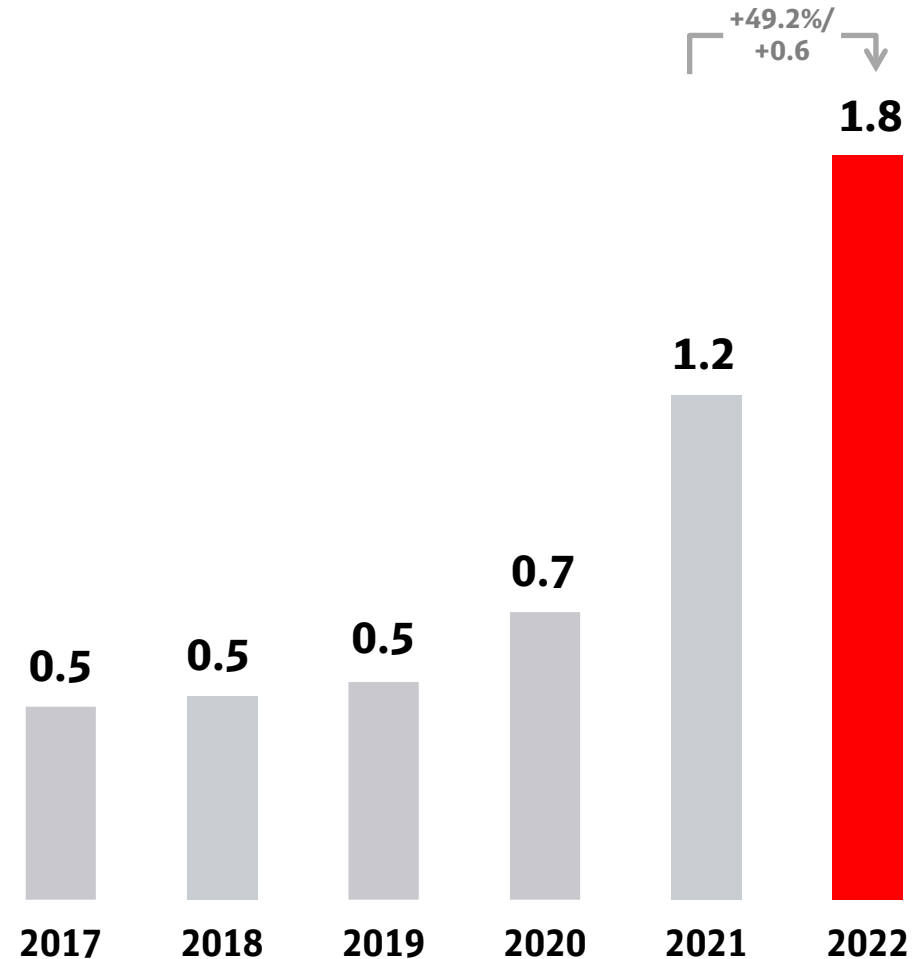
### 3 DB Schenker's strong profit growth continued in 2022 with significant gains in revenues and profits



**DB Schenker showed again a very strong performance in 2022**

#### EBIT adjusted (€ bn)

► +286% (2022 vs 2017)

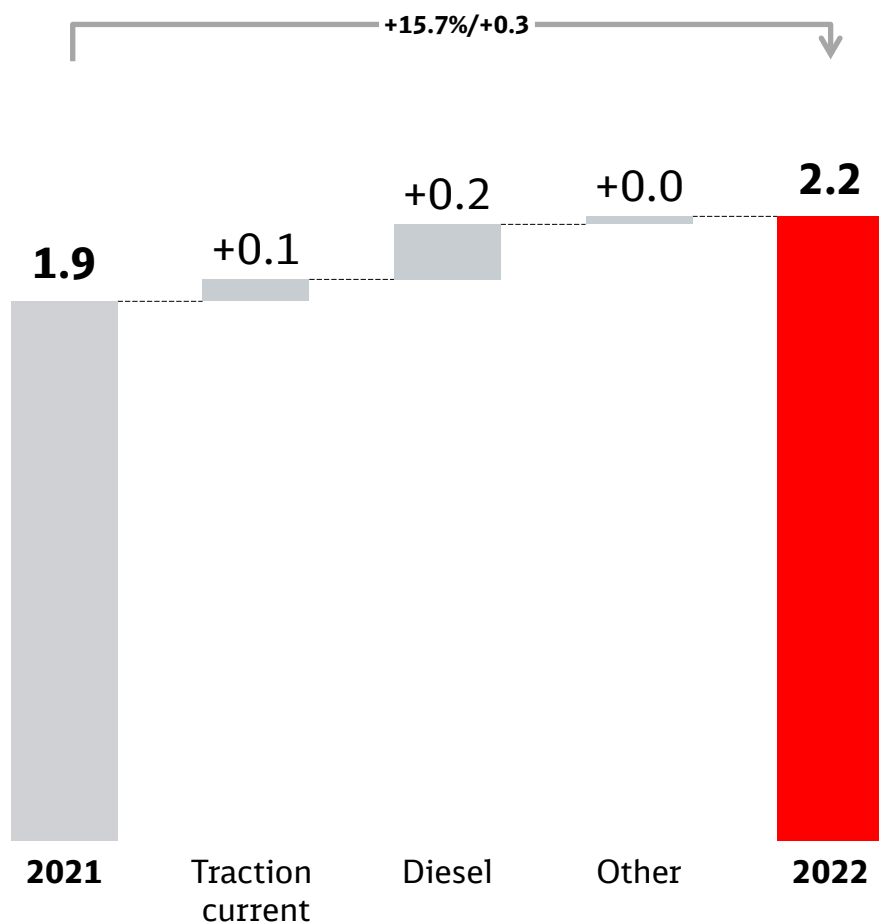




# Energy expense increase was mitigated by hedging measures



## Energy expenses Integrated Rail System (€ bn)



## Traction current expenses by business units (€ mn)

### DB Long-Distance



### DB Regional<sup>1)</sup>



### DB Cargo



<sup>1)</sup> Not including compensating effects from price adjustment clauses in transport contracts.

# Implementation of comprehensive Covid-19 Government support measures completed



## Covid-19 Government support (bn)

(€ bn)	2020	2021	2022	Effect on ..
<b>Train-path price support</b>	–	2.1	0.5	› Shown in extraordinary result › <u>Not</u> included in adjusted operating profit figures
<b>Investment grants replacing dividend</b>	–	0.65	0.65	› Decrease of net debt › No dividend payment, but investment grants as planned
<b>Compensation of Covid-19-related damages</b>	–	0.6	0.9	› Increase in equity
<b>Support regional transport</b>	0.7	0.5	0.4	› Shown in other operating income › Included in adjusted operating profit figures
	<b>0.7</b>	<b>3.8</b>	<b>2.5</b>	
	<b>7.0</b>			



# Implementation of Covid-19-related cost reductions ongoing and in line with expectations



## Covid-19 countermeasures Integrated Rail System (€ bn)

4.3

Expenses

2.7  
(1.8)

- › Mainly personnel expenses (reduction in headcount, cuts in variable compensation, ..)
- › Effects due to lower volume produced
- › Additional efficiency gains

Capex

1.6  
(1.0)

- › Cuts in financial investments
- › Adjustments to capex priority setting

Counter-  
measures  
2020-22  
(2020-21)

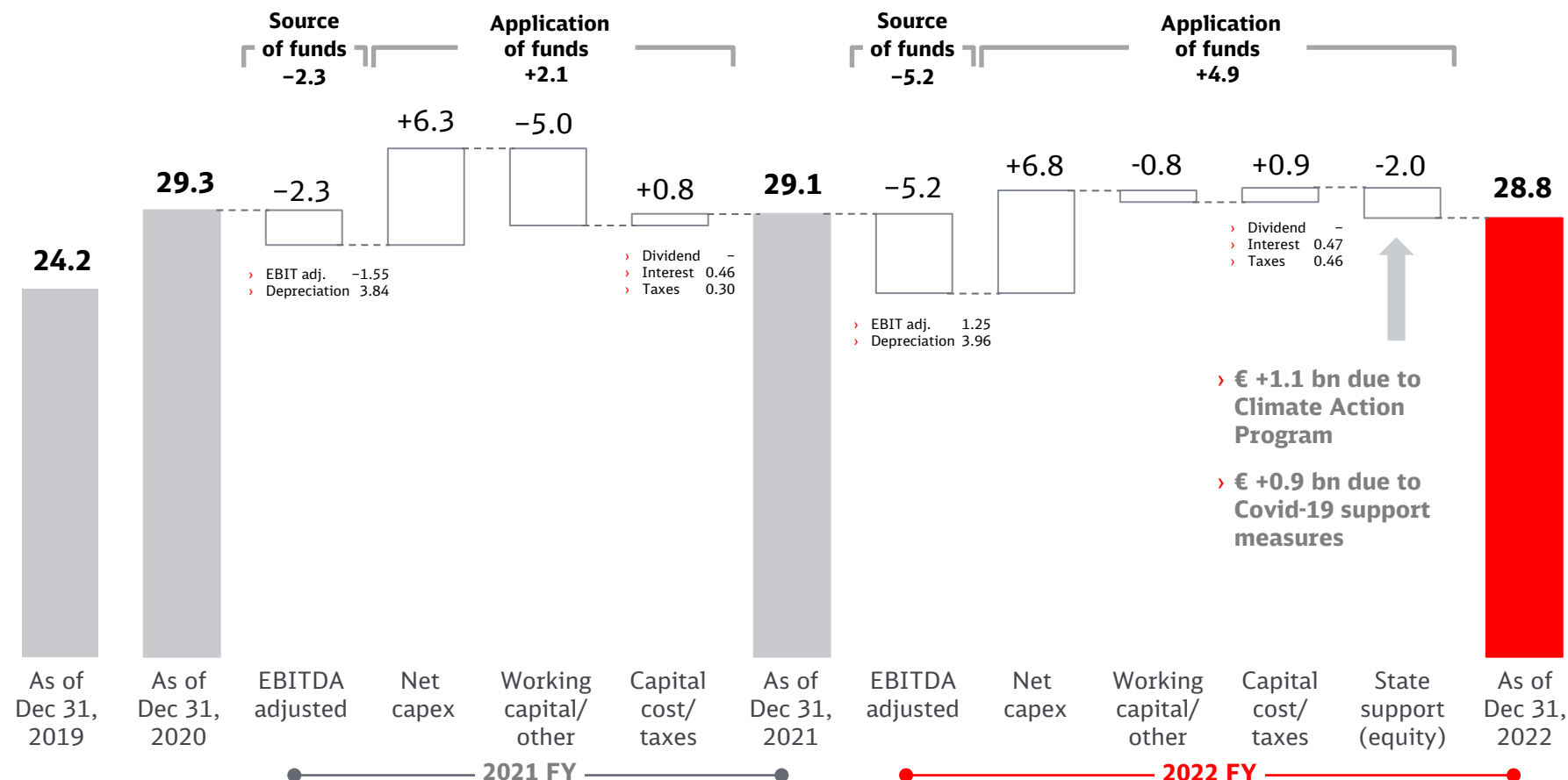


> € 4 bn  
positive effects  
until 2022

# Net debt decreased slightly mainly driven by implementation of Government support measures and profit improvements



## Net financial debt (€ bn)

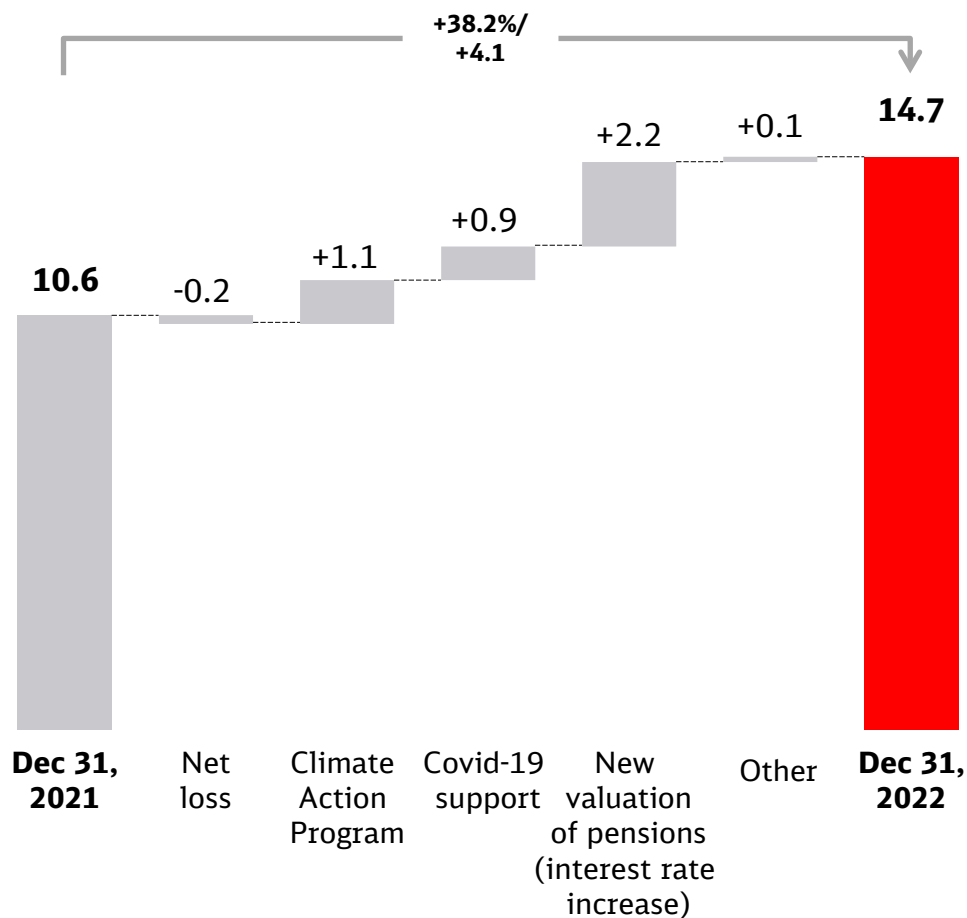


Possible differences are due to rounding.

# Significant increase in equity following the implementation of Government Covid-19 support and Climate Action Program



## Development of equity (€ bn)

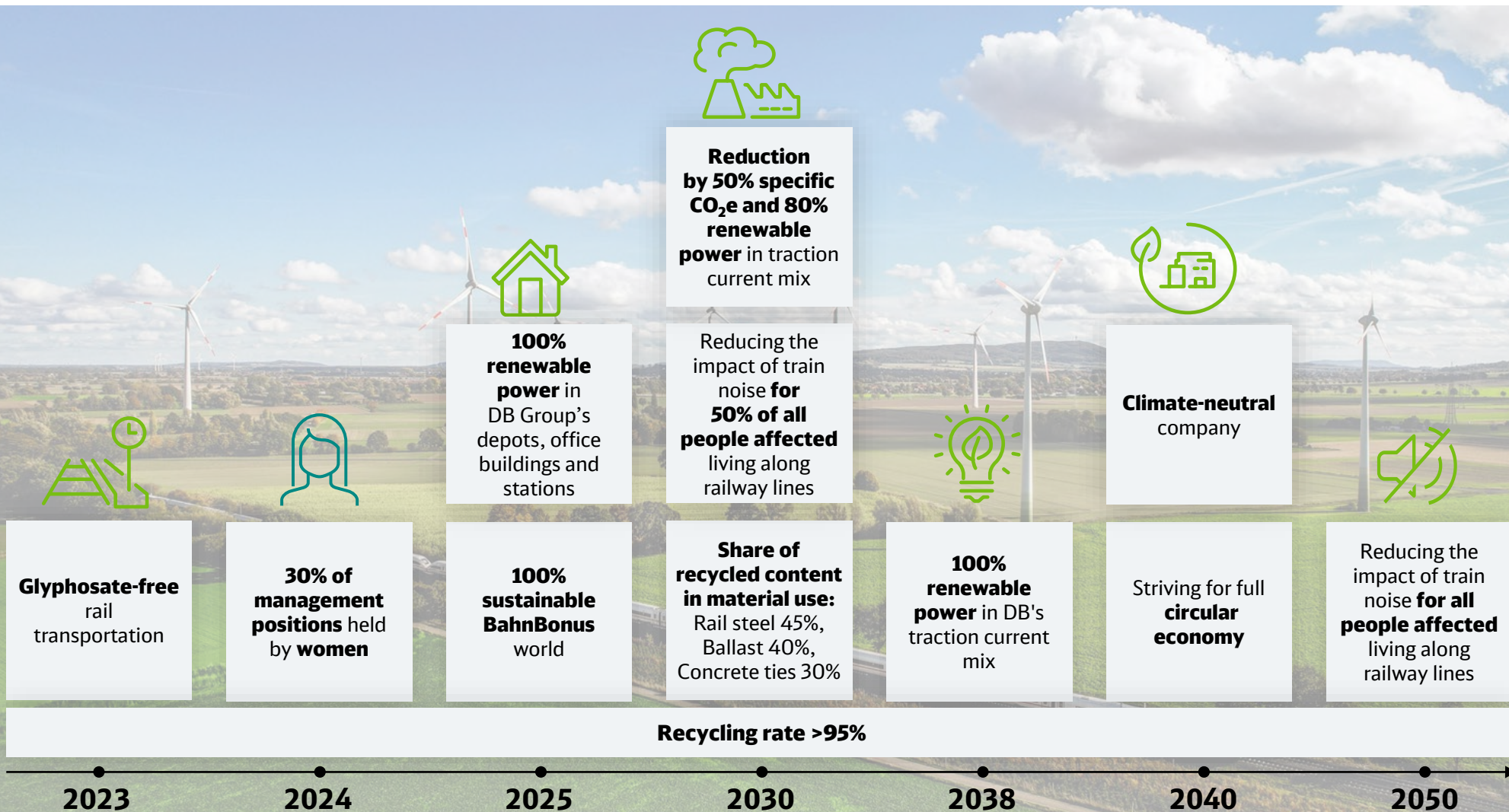


## Balance sheet structure

	€ bn			Share of total assets (%)		
	2022	2021	2019	2022	2021	2019
Equity	14.7	10.6	14.9	19.2	14.8	22.7
Pension obligations	3.0	5.0	5.4	3.9	7.0	8.1
Other obligations	7.6	7.5	5.1	9.9	10.4	7.7
Obligations total	10.5	12.5	10.5	13.8	17.4	15.9
Financial liabilities	35.3	34.5	28.7	46.2	48.0	43.6
Other liabilities	15.8	14.2	11.8	20.7	19.8	17.9
<b>Total assets</b>	<b>76.3</b>	<b>71.8</b>	<b>65.8</b>	<b>100</b>	<b>100</b>	<b>100</b>



## 6 Comprehensive set of eco targets: New targets for recycled content in material use



# Deep dive - With a holistic approach and new targets, we strive to achieve a complete circular economy by 2040



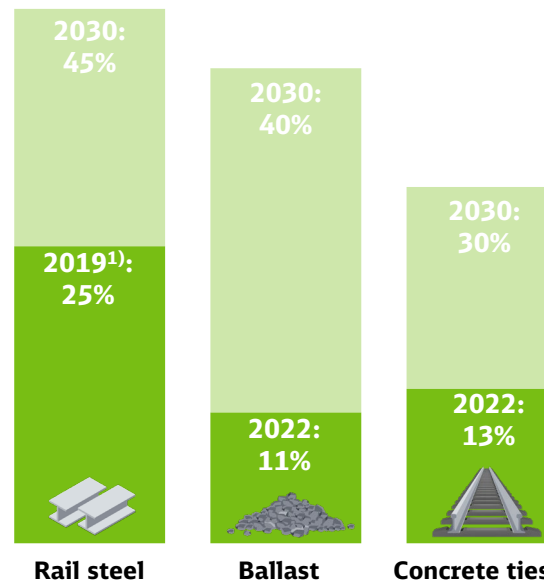
We strive for:

Full  
circular  
economy  
2040

## Two instruments en route to a circular economy

### Input

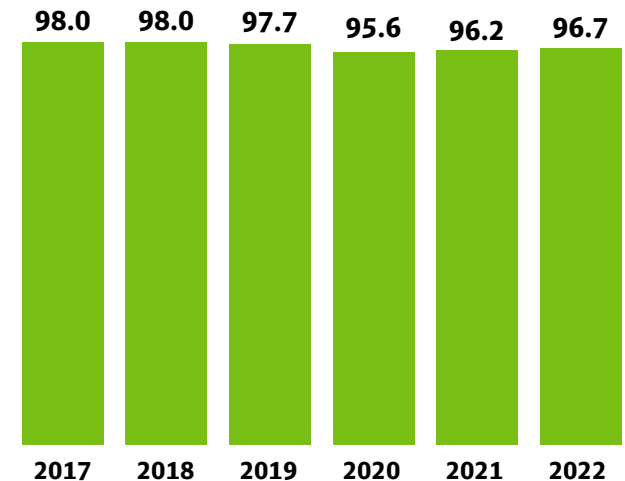
Until 2030, we are **significantly increasing the share of recycled material in our main resources**, which account for about 80% of our consumption.



### Output

We maintain **our recycling rate at the high level of at least 95%.**

Our recycling rate covers all waste, including construction waste, (electronic) scrap, municipal waste, paper and waste oil.








<sup>1)</sup> Data status 2019, data basis expected to be built up by the end of 2023.

## Selected ESG highlights 2022



## Continuously strong ESG Ratings

→	 CDP (climate rating)	<b>A</b> (Dec. 2022)	 MSCI ESG	<b>AA</b> (Feb. 2023)	→
→	 EcoVadis	<b>68/Gold</b> (Jun. 2022)	 Sustainalytics	<b>24.5</b> (Nov. 2022)	→
→	 ISS ESG	<b>C+/Prime</b> (Dec. 2021)			

## Social highlights

- › Rapid assistance for Ukrainian refugees including counselling on entering the German labor market. 75 Ukrainian refugees started working for the DB Group.
- › Results of the sixth Group-wide employee survey: Team DB shows strength and cohesion in challenging times.
- › Personnel campaign continues to be successful. Around 5,000 DB young professionals started their training or studies in 2022 or studies.

## ESG Highlights

## Full circular economy by 2040

- › DB Group is striving to achieve a full circular economy throughout the group by 2040, with a particular focus on the rail system network.
- › With its new holistic approach, DB Group aims to increase the recycling share for its main resources, which account for about 80% of its consumption, by 2030.
- › At the same time the recycling rate for all waste is to be maintained at a high level of at least 95%.

## Corporate sustainability critical success factor in UNLEASH Strategy

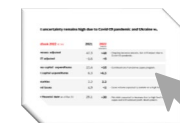
- › DB Schenker has expanded and intensified its ESG efforts and set strategic ESG targets, e.g.:
- › Increasing the proportion of women to 50% by 2030 (for senior executives 30% by 2030).
- › Reducing its emissions by 50% for all sectors of European land transport by 2030.



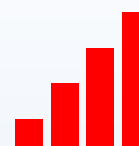
Economic development in 2023 will be burdened by additional quality measures, higher energy prices and tariff effects



## Details



**Revenues**  
€ >56 bn



**EBIT adjusted**  
€ ~-1 bn



**Gross/net capex**  
€ >18/>8.5 bn



**Bond issues**  
€ >3 bn



**Net financial debt**  
€ >33 bn

## Highlights 2022 - New highspeed line Wendlingen–Ulm commissioned, offering faster connections in long-distance and regional transport

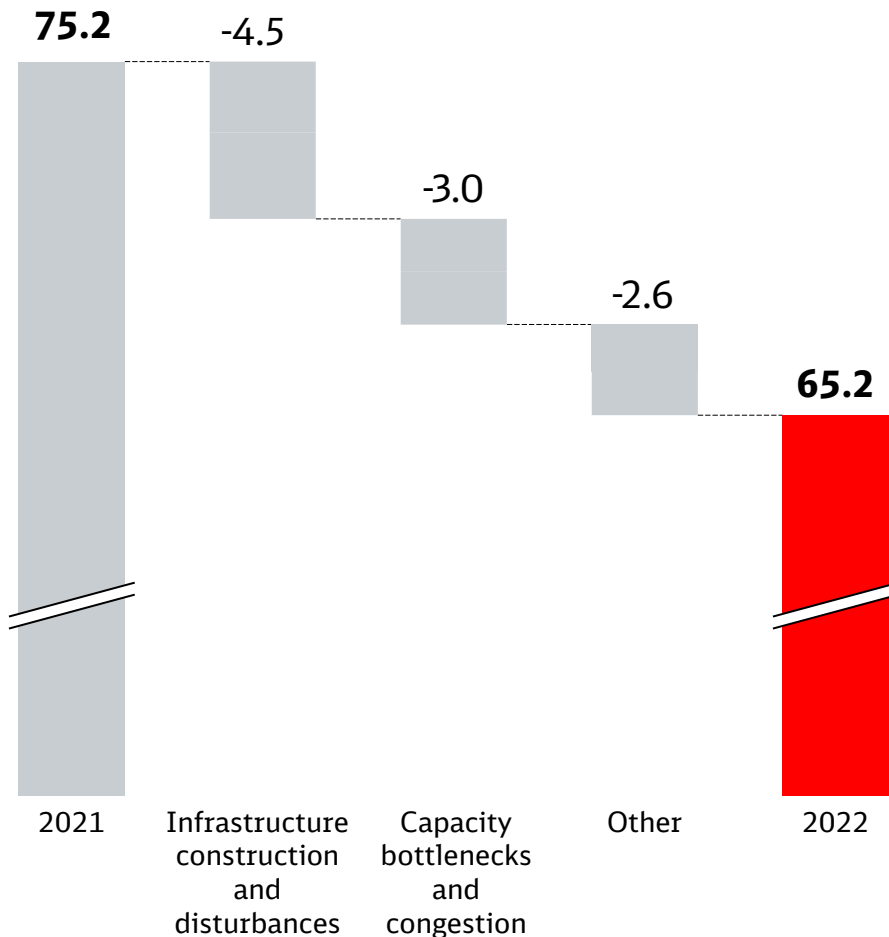


**ICE trains are able to cross the Swabian Alb at speeds of up to 250 km/h since December 2022. Millions of long-distance and regional travelers are benefitting from faster connections – among others between Munich and Stuttgart. New rail tracks, tunnels and bridges have been built. This is a milestone for the mobility transition.**

# Punctuality at DB Long-Distance suffered significantly in 2022 mainly due to infrastructure restrictions

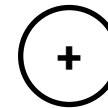


## Development of punctuality DB Long-Distance (%)

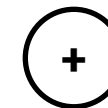


### Key driver

**1** Higher infrastructure utilization due to more traffic



**2** More infrastructure disturbances due to condition and usage



**3** More infrastructure construction sites due to significant higher capex volume



Substantial infrastructure measures needed for stabilization of punctuality in 2023



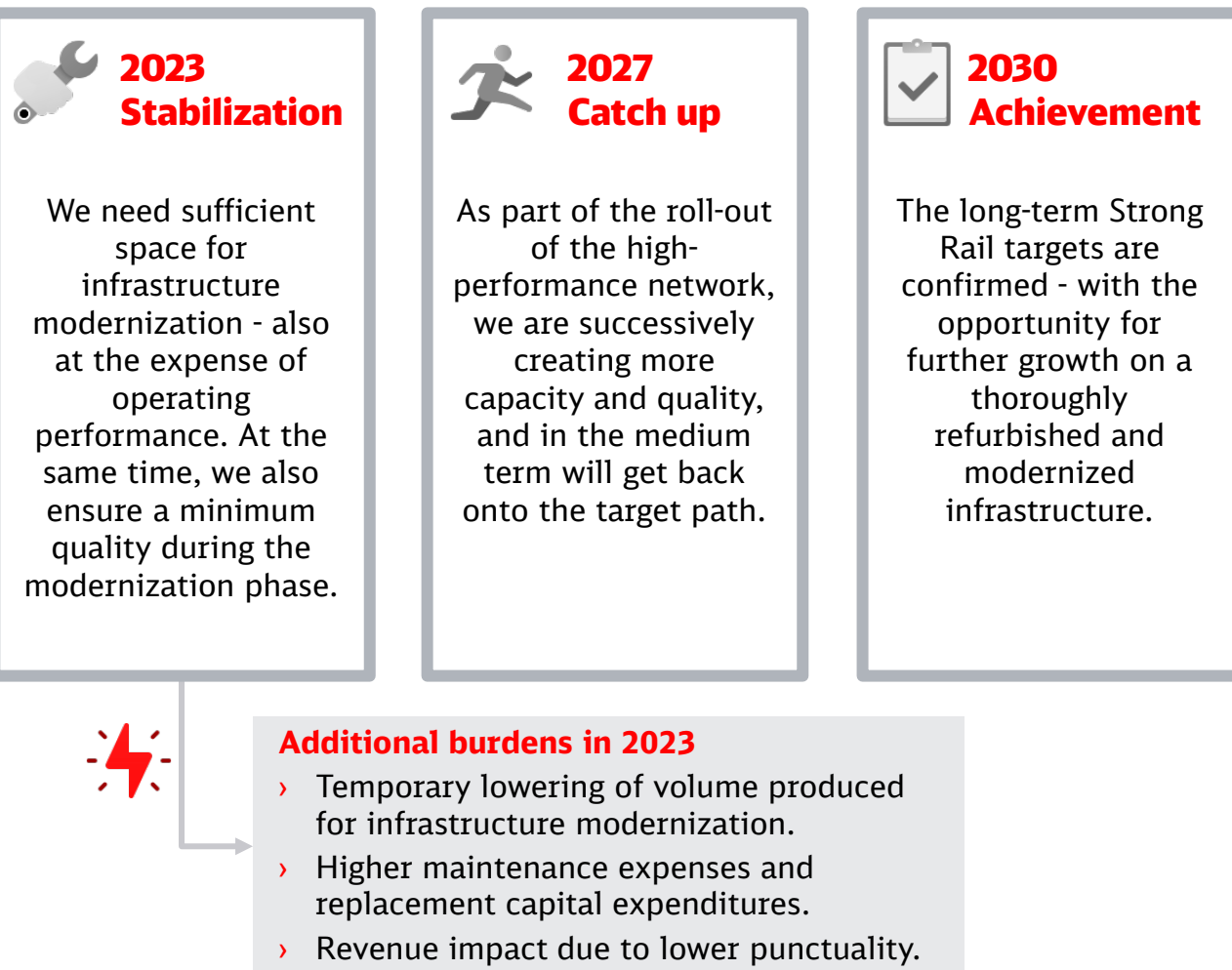
# We need to act fundamentally in 2023 to reach our long-term volume targets until 2030



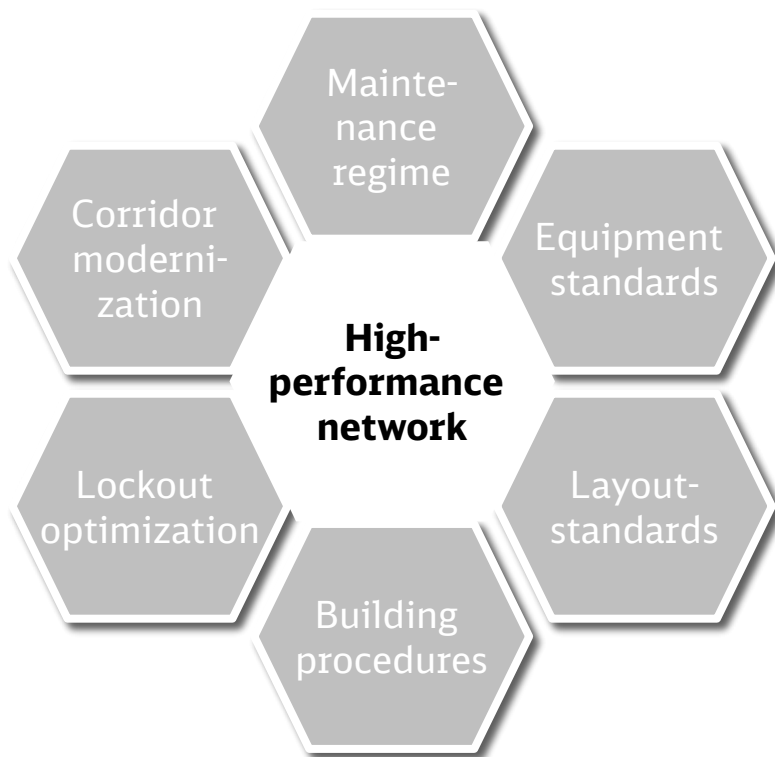
The basis for achieving transport policy goals is a strong infrastructure.

Measures that are effective in the short term are necessary for the rapid and comprehensive modernization of the existing network.

With a "new deal" on infrastructure between the Federal Government and DB Group, we are creating the necessary conditions for a modern and efficient infrastructure.



## The improvement of the quality situation does not tolerate any delay and requires immediate action in 2023



### No delays

Despite all the difficulties and imponderables, infrastructure rehabilitation is the top priority and cannot be delayed. We are tackling this without delay, in close cooperation with the German Government, public transport authorities and the industry.

### Comprehensive modernization

In order to be able to implement the construction activities necessary for the renovation, we create the operational scope and organize sufficient windows for the necessary capex and maintenance work. This means temporarily closing corridors for 4 to 6 months to fully renovate them.

### Higher funding

The short-term expenditures in 2023 required for the renovation will be borne by DB Group from its own funds which will be replaced by Government funding from 2024 onwards. The Federal Government already decided to increase rail infrastructure funding by dedicating 80% of additional truck toll charges.

## The Federal Government and DB Group plan to transform key parts into a high-performance network for significantly greater reliability



### Target: High-performance network (2030)



>9,000 line km / 700 mn train-path km p.a.

### Key characteristics

**Fault-resistant systems** ensure a more reliable infrastructure.

**Optimal equipment and layout standards** thus increase the performance of the infrastructure.

**Attractive, clean and barrier-free stations** improve the customer experience.

**Long construction freedom** after general refurbishment.



## The Federal Government has committed to significantly expand the annual funding for the modernization of the existing network

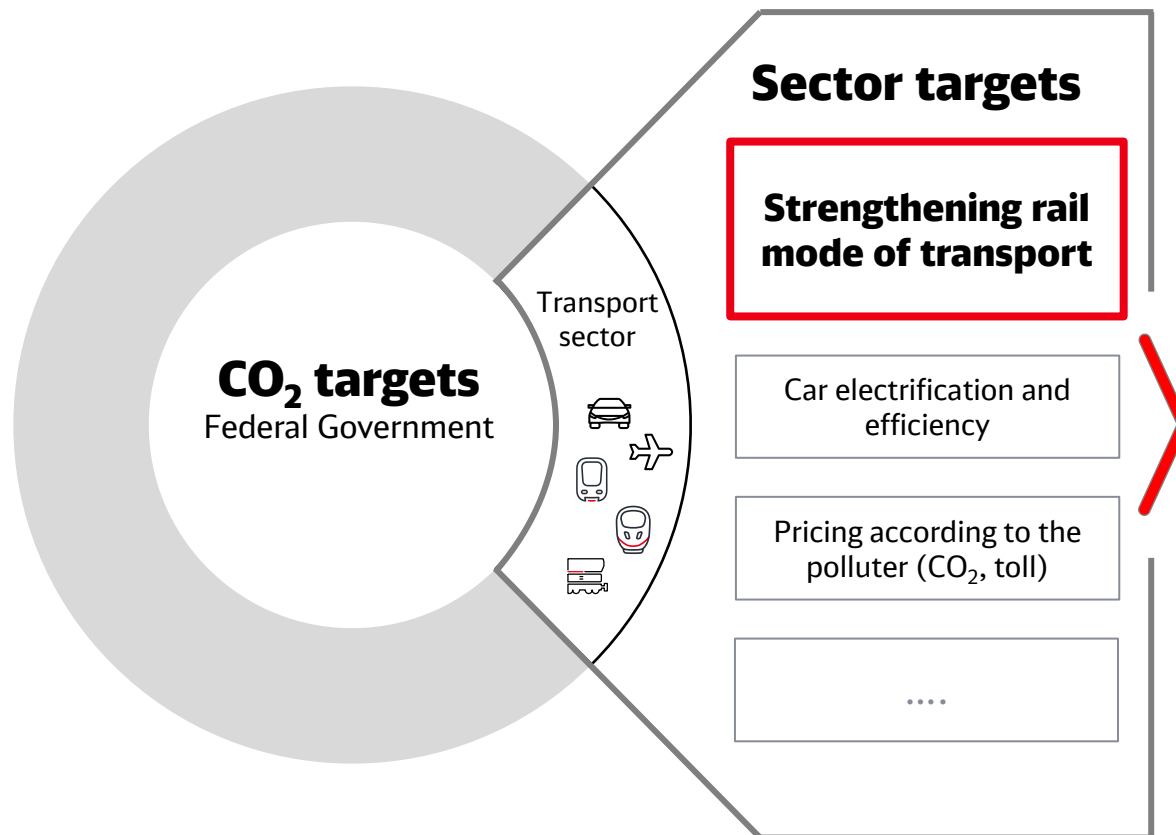


DB CEO Dr. Richard Lutz and German Transport Minister Volker Wissing

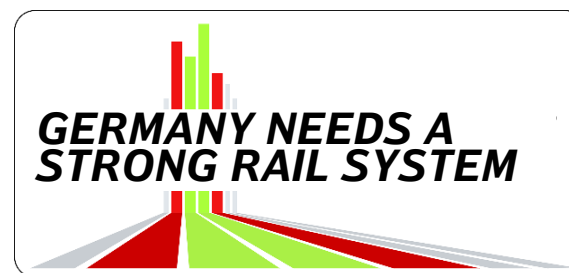
In the coming years, the Federal Government will provide substantial additional funds to modernize and expand the rail network. The clear priority here is to increase the capacity of the core network.

- (1) **Strengthening of the rail infrastructure capex ramp up**, among other things by using a share of the income from the CO<sub>2</sub> surcharge in the truck toll.
- (2) **Strengthening and digitalization of the infrastructure** to support the modal shift to rail.
- (3) **Strengthening of rail freight transport** among other by the continuation of the track access price reduction and an expansion of the support for the single wagon traffic.
- (4) **New Digitalization package rail** in addition to existing measures to increase capacity, to expand ETCS (European Train Control System) equipment of trains and to promote implementation of a digital rail system.

The transport sector remains crucial for meeting Germany's climate targets. Our Strong Rail strategy is the basis for that



Achieving the modal shift to rail is a joint task of the Federal Government and DB Group. The Strong Rail strategy forms the foundation of sustainable mobility and logistics in Germany and is an essential component of a European transport and climate policy.



# Investing in Deutsche Bahn is combining active climate protection with profitable growth perspectives



**Significant volume recovery** to pre-Covid levels since restrictions were lifted in 2022.



**Outlook for 2023 blurred** due to additional burdens, but **positive mid-term trends** remain intact.



**Financial recovery is on its way**, with significant improvements in 2021 and 2022.



**Fighting climate change** and the political ambition to realize traffic shift to the rails remain **key drivers of our future growth**.



**Significant positive contribution by DB Schenker** due to ongoing very strong profit development.



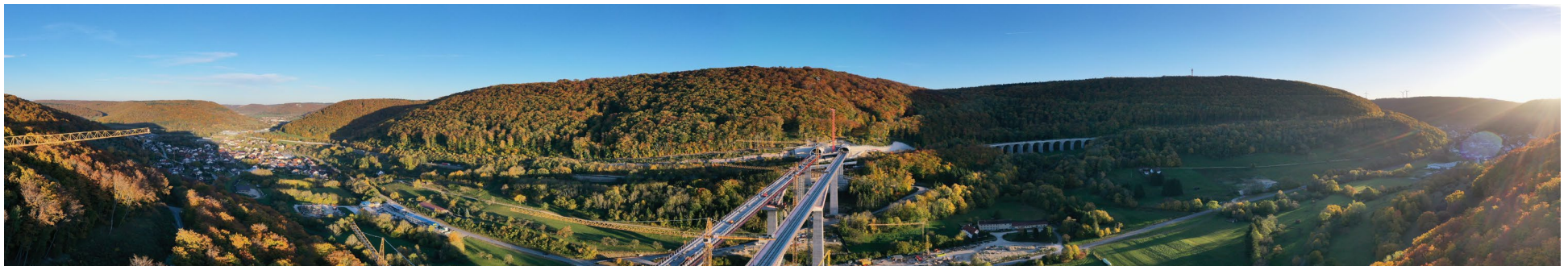
We are well underway on our path for a **Green Transformation with clear targets** among others for CO<sub>2</sub> neutrality by 2040.



Ongoing resolute cost management and **very strong Government support to mitigate Covid-19 impact**.



We will **continue the success story of rail** in Germany and build on our pre-Covid-19 growth with full support of the Government.





# ESG PERFORMANCE

02





# DB Group has unchanged very favorable assessment in ESG ratings



## „AA“ rating confirmed in February 2023

- › The DB Group has been assessed since 2013.
- › MSCI emphasizes strong carbon mitigation program and emission reduction target.
- › Current rating is "AA" on a scale up to "AAA" and is therefore very good, but still has room for improvement.



## Medium ESG risk confirmed in November 2022

- › With a score of 24.5 (previously: 24.4), DB Group is rated by Sustainalytics as having medium ESG risk ("medium-risk").
- › This rating places DB Group in the mid-range of ratings in the transport sector.



## Since 2021 ESG result of DB Group in the "limited" category

- › Classification unchanged in the "limited" category from the "advanced", "robust", "limited" and "weak" categories.
- › DB Group has a good ESG score above the average performance of the sector.



## Top rating "A" confirmed in December 2022

- › DB Group again received the best rating "A" in December 2022.
- › As one of around 280 companies, DB Group is among the top group and, according to CDP, one of the most climate-friendly companies worldwide.
- › In Germany, twelve companies made it onto the A-list in 2022.



## Gold medal in 2022

- › In the June 2022 EcoVadis rating, the DB Group is among the top 3% in the rail transport sector.
- › The rating result was improved by 7 points to a total of 68 points (Gold status) compared to the 2020 rating.



## Unchanged rating with "Prime" status

- › In the ISS-ESG corporate rating, the DB Group has a rating of "C+" and "Prime" status. In addition, the DB Group has a decile rank<sup>1)</sup> of 1.
- › Prime status is awarded to companies whose ESG performance is above the sector-specific Prime threshold, meaning that they meet demanding absolute performance requirements.

<sup>1)</sup> In addition to the overall rating, the decile rank indicates the performance compared to the industry. A decile rank of 1 indicates high relative performance, while a 10 indicates low relative performance.

# The transport targets of the Federal Government are the foundation of our Strong Rail strategy



## Our mission



It is our mission to enable a strong rail system for Germany.

This is, what we are working for and what is worth our full engagement.

It is, what DB Group is heading for and standing for, it is the focal point of our attention and for what we pool all our strengths.

## 3 overall sector targets

Passengers in rail transport

**x2**

Market share rail freight transport

**25%**

Share of renewable energies

**100%**

## Our 10 DB targets

**Traffic shift**

- › **260 million** passengers in long-distance
- › **+1 billion** passengers in regional
- › **+70%** volume sold in freight transport<sup>1)</sup>
- › **+>30%** capacity in infrastructure

**Customers**

- › Customer satisfaction:  
**SI >80/>75/>70<sup>2)</sup>**
- › Punctuality:  
**>80%/>95%/>77%<sup>2)</sup>**

**Employees**

- › Employee satisfaction **≥3.8**

**Climate**

- › **100%** share of renewable energies

**Financials**

- › ROCE of **≥6.0%**
- › Debt coverage of **≥20%**

<sup>1)</sup> Germany. <sup>2)</sup> DB Long-Distance / DB Regional (rail) / DB Cargo (Germany).

We remain committed to our strategic goals despite the setbacks due to Covid-19



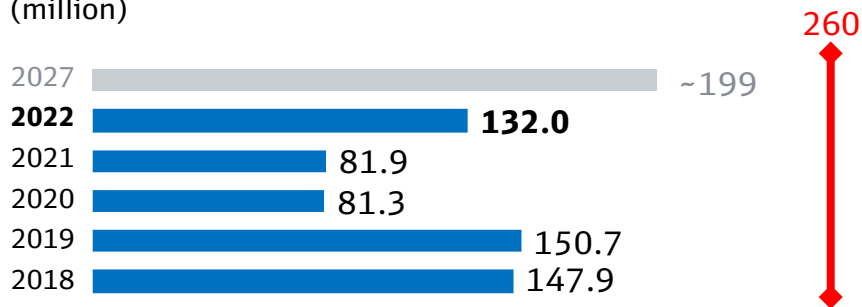
	2020	2021	2022	2023 (forecast)	Target
<b>1 Traffic shift (rail in Germany)</b>					
Passengers long-distance transport (mn pkm)	81.3	81.9	<b>132.0</b>	>155	260
Passengers regional transport (mn pkm)	1,215	1,121	<b>1,605</b>	~1,900	2,500
Volume sold rail freight transport (bn tkm)	56.2	60.3	<b>59.6</b>	~62	107
Capacity in infrastructure (mn train-path km)	1,066	1,109	<b>1,133</b>	>1,130	1,400
<b>2 Climate (rail in Germany)</b>					
Share of renewable energies in DB traction current mix (%)	61.4	62.4	<b>65.2</b>	67	100
<b>3 Customers (rail in Germany)</b>					
Punctuality (DB Long-Distance) (%)	81.8	75.2	<b>65.2</b>	>70	>80
Punctuality (DB Regional) (%)	95.6	94.3	<b>91.8</b>	>92	>95
Punctuality (DB Cargo (Germany)) (%)	77.6	69.8	<b>66.1</b>	>67	>77
Customer satisfaction (DB Long-Distance) (index)	80.2	77.8	<b>74.8</b>	~77	>80
Customer satisfaction (DB Regional) (index)	69.0	71.6	<b>70.1</b>	~70	>75
Customer satisfaction (DB Cargo) (index)	68	70	<b>67</b>	~61	>70
<b>4 Employees</b>					
Employee satisfaction (index)	3.9	–	<b>3.9</b>	–	≥3.8
<b>5 Financials</b>					
ROCE (%)	-7.0	-3.6	<b>2.8</b>	~-2	≥6.0
Debt coverage (%)	0.8	4.3	<b>13.1</b>	~6	≥20

# Positive trend of performance figures in rail passenger transport and infrastructure mainly continued following Covid-19 related setbacks

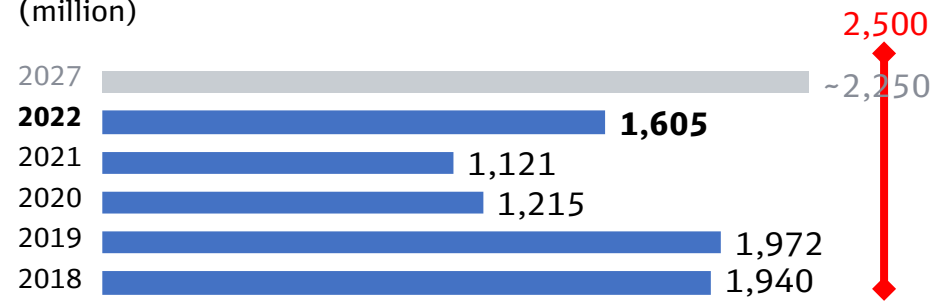


## 1 Traffic shift (rail in Germany)

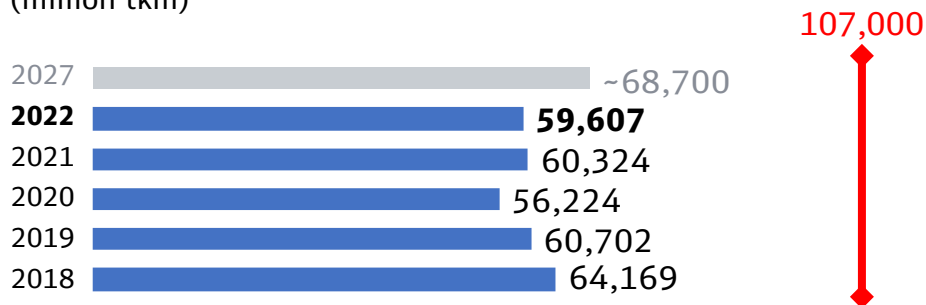
**Passengers long-distance transport**  
(million)



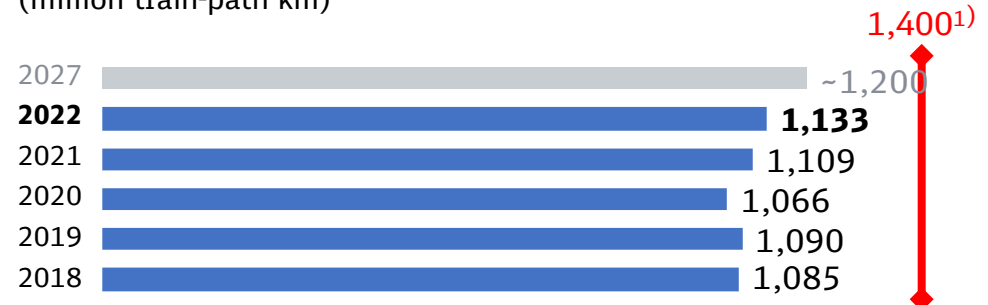
**Passengers (regional)**  
(million)



**Volume sold rail freight transport**  
(million tkm)



**Train kilometers on track infrastructure**  
(million train-path km)



<sup>1)</sup> +>30% compared to 2015.

Short-/mid-term target    Long-term target

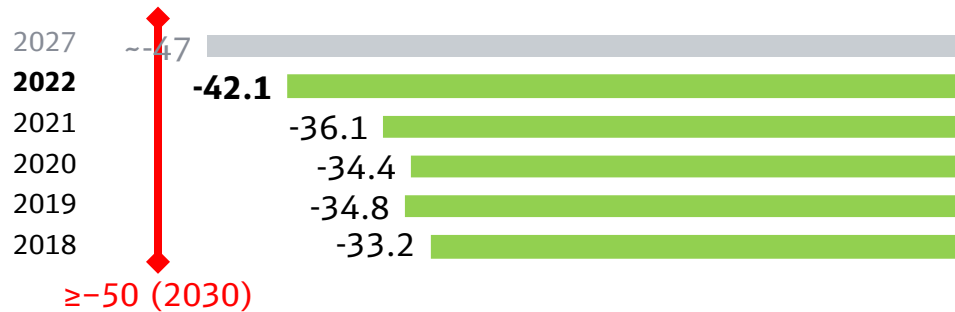


Overall ongoing positive development of environmental targets,  
lower volumes with dampening effects on specific CO<sub>2</sub>e reduction

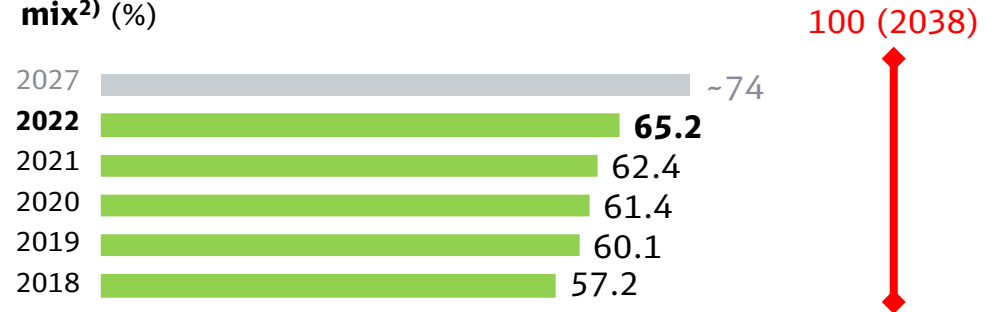


## 2 Climate (rail in Germany)

### Specific greenhouse gas emissions compared to 2006<sup>1)</sup> (%)

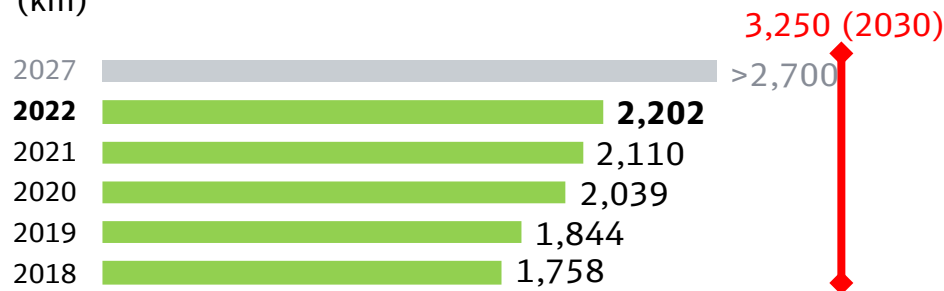


### Share of renewable energies in DB traction current mix<sup>2)</sup> (%)

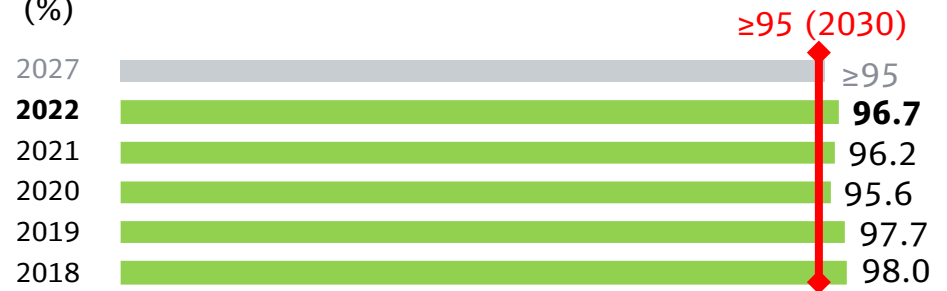


### Additional DB environmental KPIs

#### Track kilometers noise-remediated in total as of Dec 31 (km)



#### Recycling rate<sup>3)</sup> (%)



<sup>1)</sup> Since 2021 without DB Arriva. Excluding fleet vehicles, DB Schenker stationary divisions, DB Arriva and individual divisions of DB Cargo.

<sup>2)</sup> In Germany.

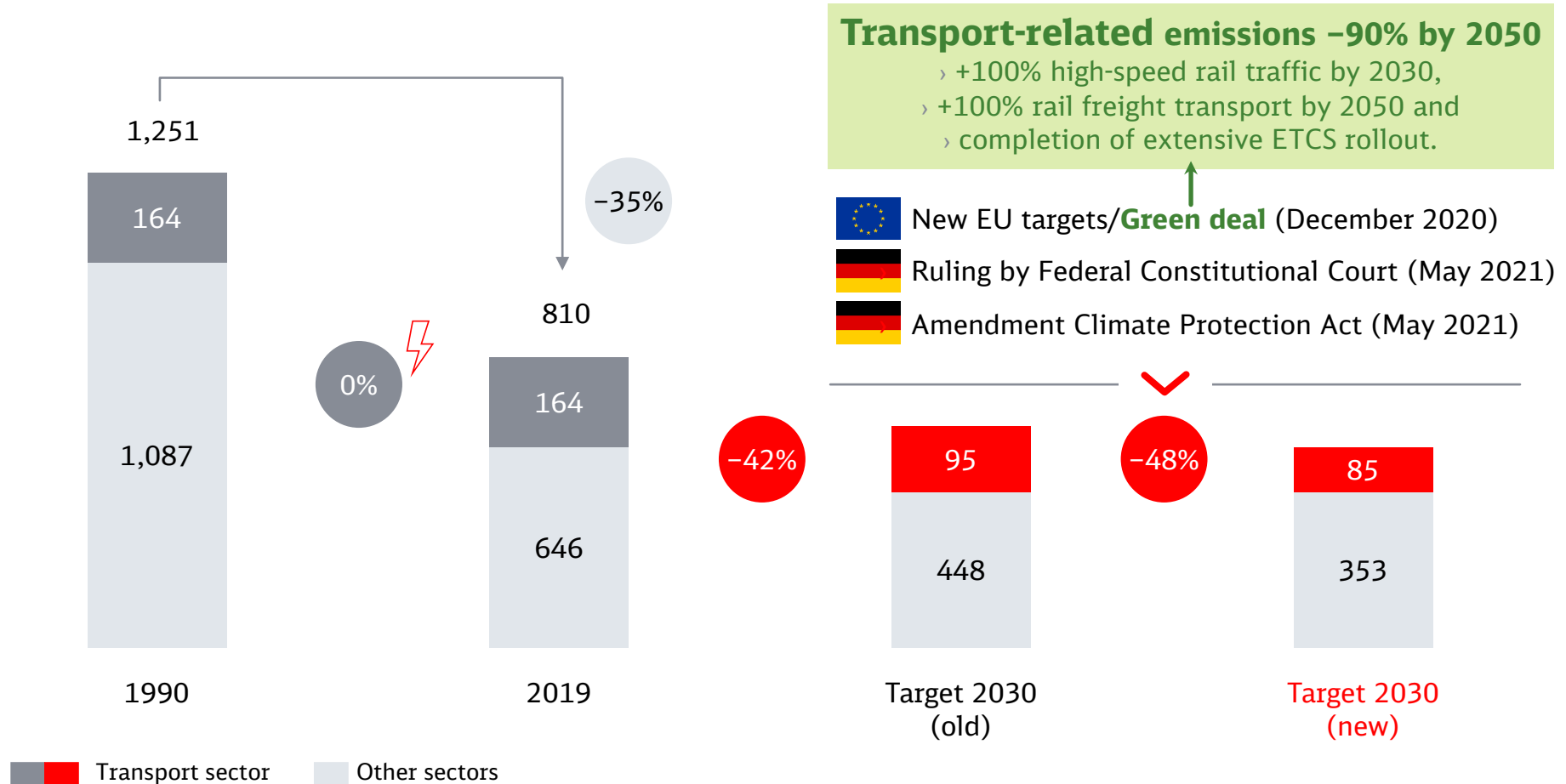
<sup>3)</sup> Period Oct 1 to Sep 30, DB Schenker period Jan 1 to Dec 31 of previous year. Includes only DB Cargo AG from the DB Cargo business unit.

Short-/mid-term target    Long-term target

# Deep dive - German climate protection targets will be raised increasing the need for a significant traffic shift to rail



## CO<sub>2</sub>e emissions in Germany (mn t CO<sub>2</sub>e)

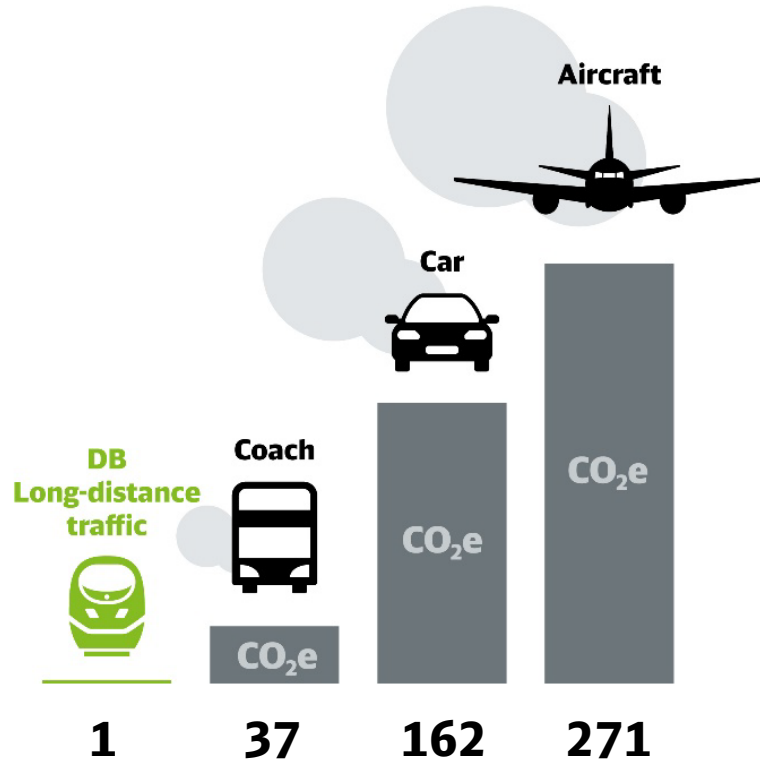


# Deep dive - Rail can massively contribute to climate protection, as it is the most eco-friendly mode of transport

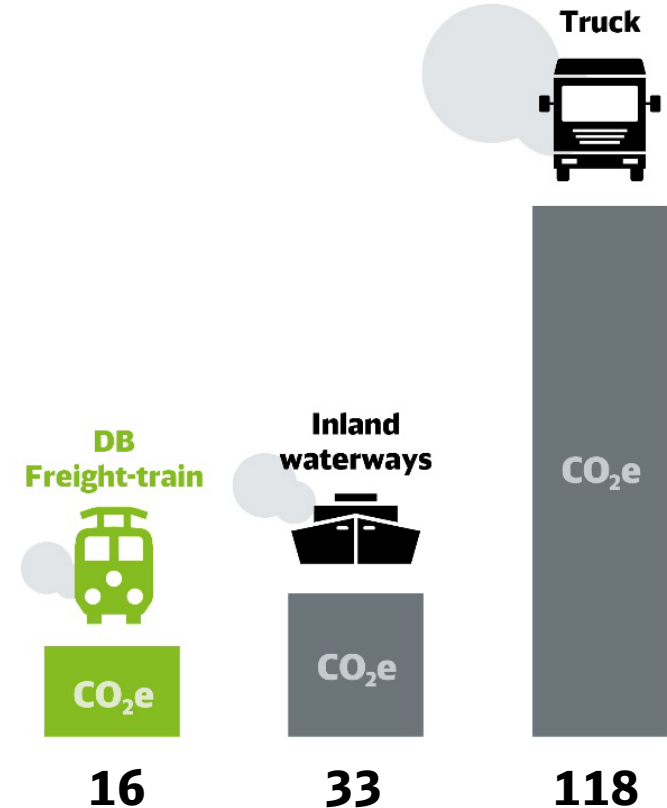


The long-term trends in our markets and thus the foundation of our Strong Rail strategy are unchanged.

## Passenger transport (g CO<sub>2</sub>e/pkm)



## Freight transport (g CO<sub>2</sub>e/tkm)



Source: Umweltbundesamt, TREMOD 6.42 (12/2022); Schiene: DB AG (Bezugsjahr 2022)

## Highlights 2022 - DB Group is working on the diesel phase-out as a key element on its way to net zero



**As Deutsche Bahn, we will be climate-neutral by 2040. An important lever in this is the phasing out of diesel: To achieve our goal, we are relying on a technology-open approach with alternative drives and fuels. In this way, we will ensure that by 2040 at the latest, none of our vehicles will be running on diesel.**



# Customer satisfaction and punctuality suffered in 2022 mainly as a result of higher capacity utilization



## 3 Customers (rail in Germany)

### Customer satisfaction DB Long-Distance (SI)



### Customer satisfaction DB Cargo (SI)



### Punctuality DB Long-Distance (%)



### Punctuality DB Cargo (Germany) (%)



Short-/mid-term target      Long-term target

# Deutsche Bahn remains very attractive as an employer as hiring campaign continues at a high level



## 4 Employees

## Additional DB social KPIs (1/2)

### Employee satisfaction

(SI)

Target:  $\geq 3.8$



### External new hires in Germany (excluding young professionals) (NP)



Mid-term  
target



# Increasing the proportion of women in leadership to a total of 30% by the end of 2024



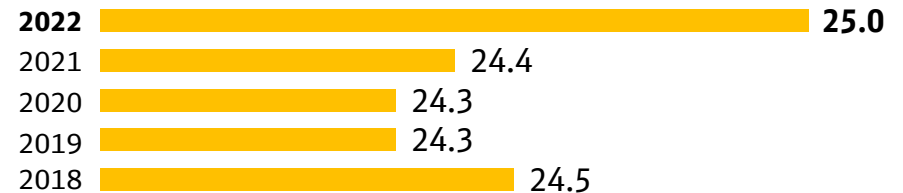
## Additional DB social KPIs (2/2)

### Share of women in leadership<sup>1)</sup> (%)

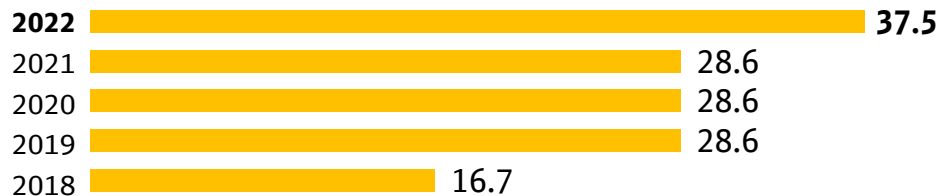
Target: 30%



### Share of women at DB Group (%)



### Share of women on the Management Board of DB AG (%)



### Share of women on the Supervisory Board of DB AG (%)



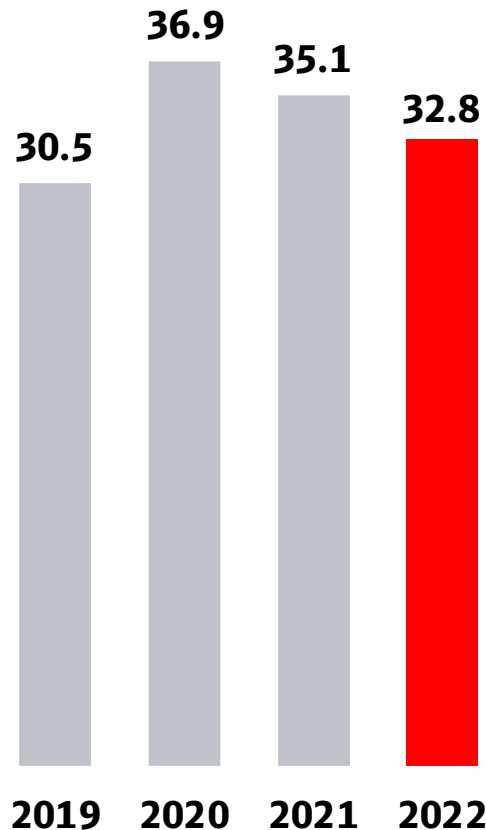
<sup>1)</sup> Comprises women among the management of the companies affected by the Second Management Positions Act (Zweiten Führungspositionen-Gesetz; FüPoG II) at the levels of the supervisory boards, management boards and first and second management levels.

Debt coverage improved significantly,  
but still below pre-Covid-19 level

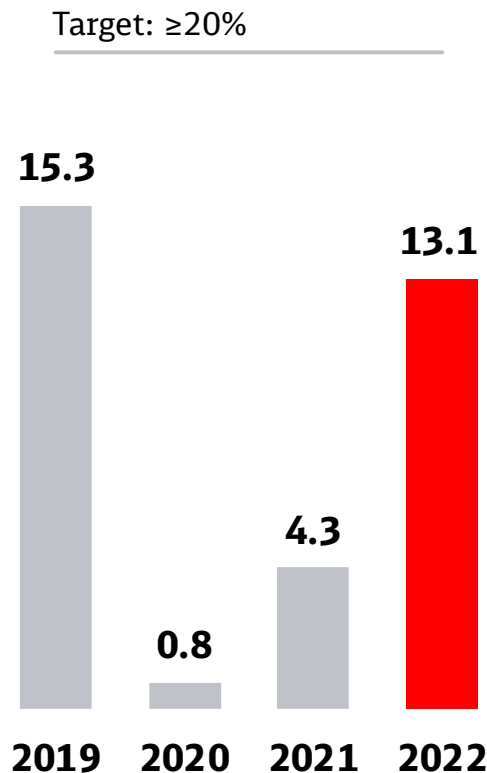


## 5 Financials (1/2)

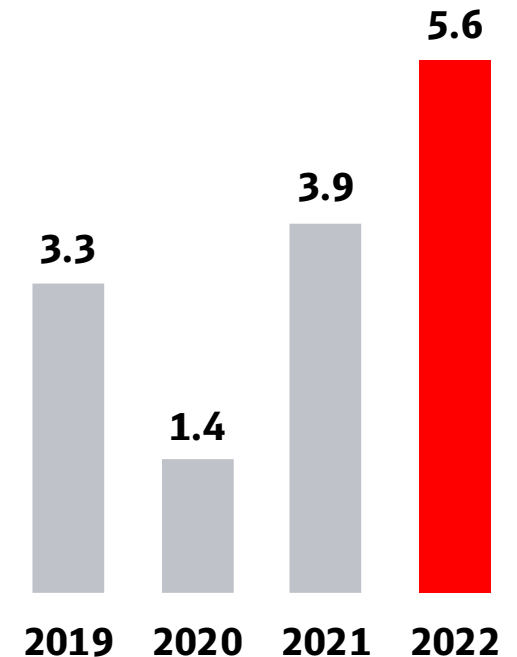
**Net debt** (€ bn)



**Debt coverage** (%)



**Operating cash flow** (€ bn)



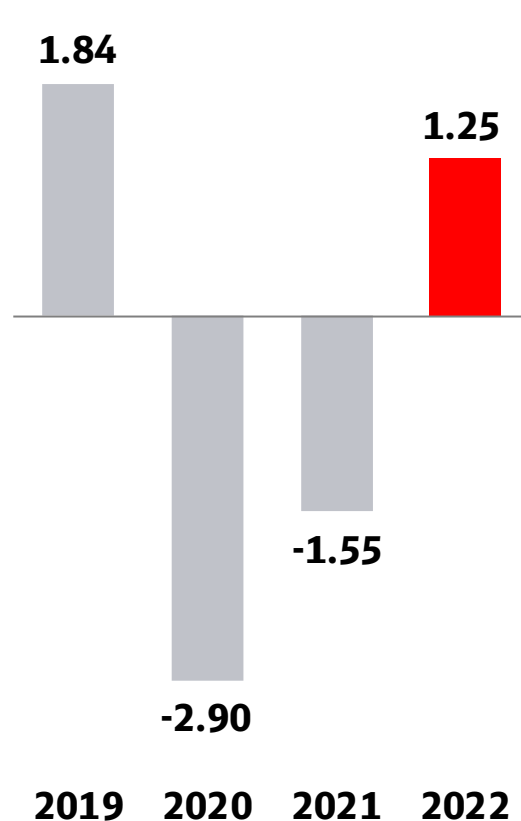


ROCE is back in black territory for the first time since the Covid-19 pandemic

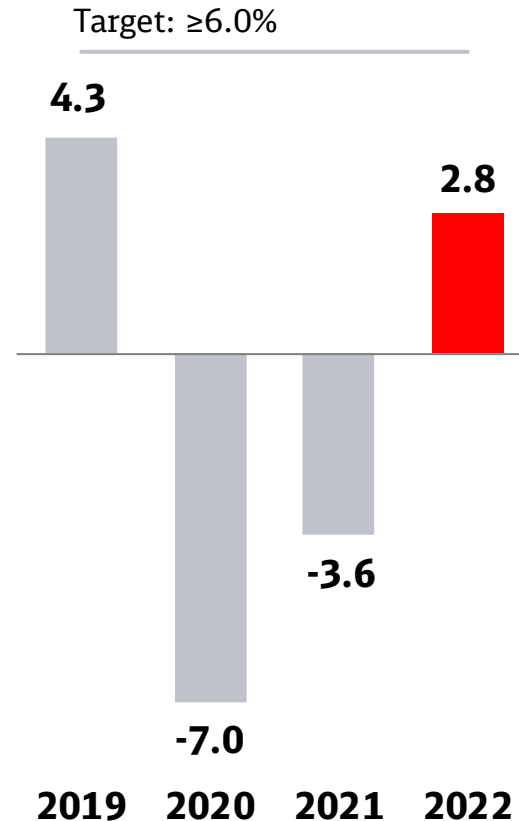


## 5 Financials (2/2)

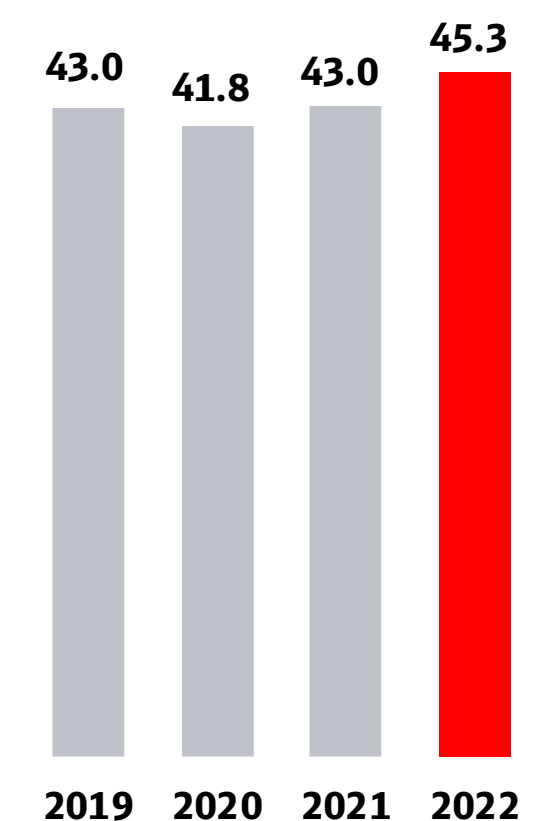
**EBIT adjusted** (€ bn)



**ROCE** (%)



**Capital Employed** (€ bn)



# FINANCIAL PERFORMANCE

03



Key drivers of financial development in 2022 were the Covid-19 recovery and further growth at DB Schenker



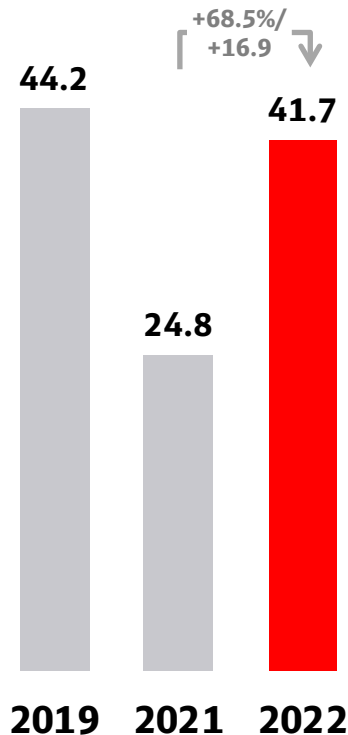
- 1 **Positive development in 2022 with significant improvements in revenues and profits.**
- 2 **Since April 2022 significant recovery process in passenger volumes.**
- 3 **Very strong development at DB Schenker mainly driven by air and ocean freight business.**
- 4 **DB Arriva with good improvements but still impacted by Covid-19 effects.**
- 5 **Government Covid-19 support measures fully implemented.**
- 6 **Continuation of our Strong Rail strategic approach with ongoing high level of capex.**
- 7 **Net debt slightly lower compared to year-end 2021.**
- 8 **Capital market activities continued, bonds totaling € 3.1 bn issued in 2022.**
- 9 **Outlook for 2023 blurred due to additional burdens, uncertainties due to wage negotiations.**

# Significant improvement in performance in rail passenger transport in Germany since Covid-19 restriction were lifted

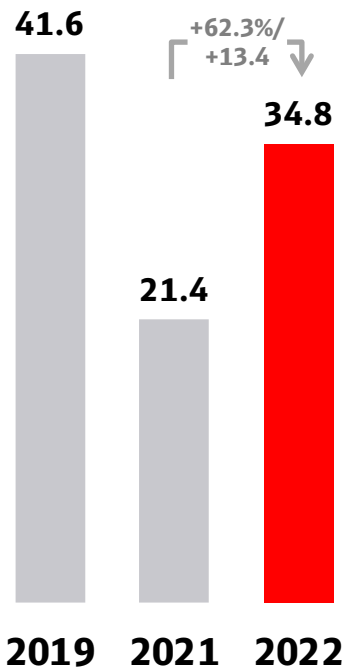


## Performance indicators – Integrated Rail System

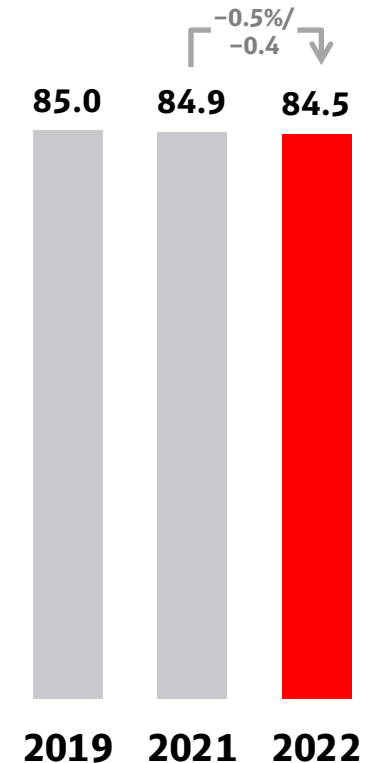
**Long-distance**  
(bn pkm)



**Regional<sup>1)</sup>**  
(bn pkm)



**Rail freight**  
(bn tkm)



<sup>1)</sup> DB Regional and UBB Usedomer Bäderbahn GmbH. pkm = passenger kilometer. tkm = ton kilometer.



# Train kilometer on track infrastructure increased further in 2022



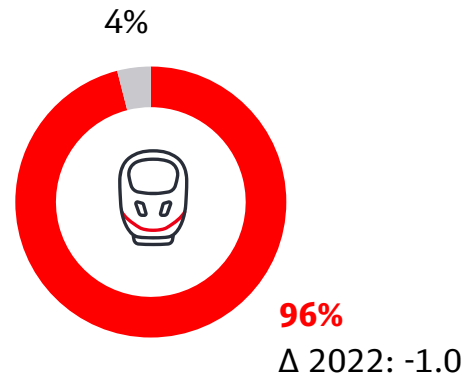
## Infrastructure

(mn train-path km)

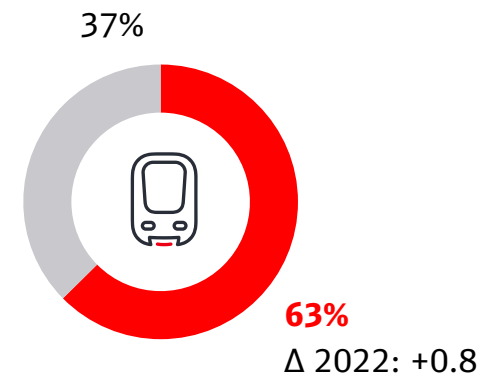


## Market shares 2022

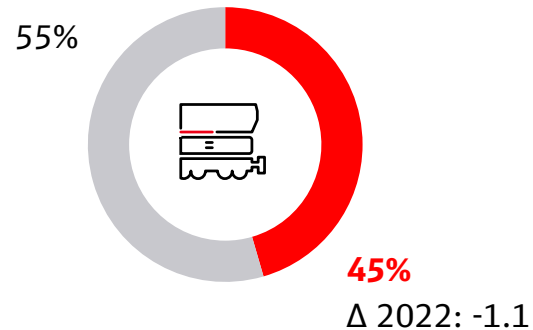
### Long-distance rail transport



### Regional rail transport



### Rail freight transport



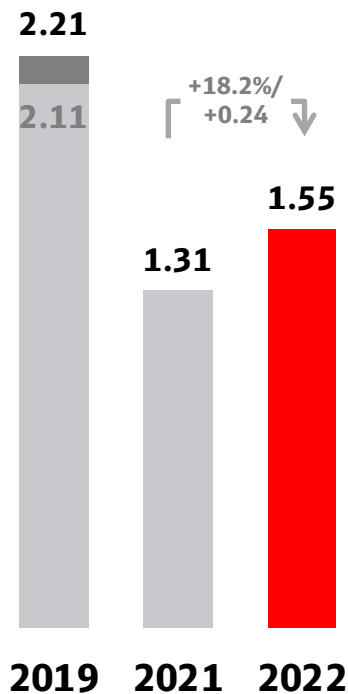
DB Group  
 Non-Group TOC

# Recovery of performance figures at DB Arriva, but still significant impact due to Covid-19

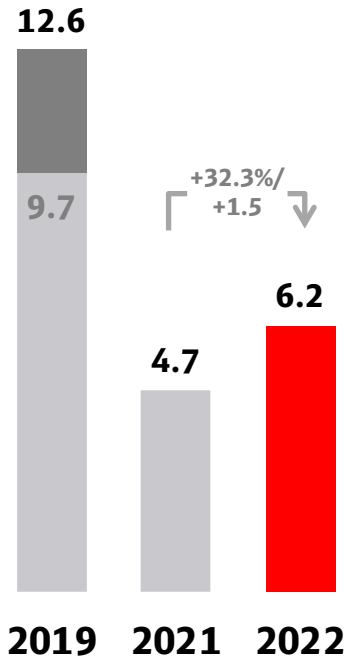


## Performance indicators – DB Arriva

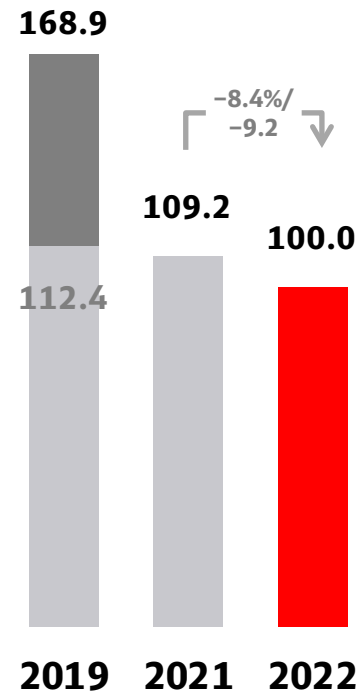
**Passengers**  
(bn)



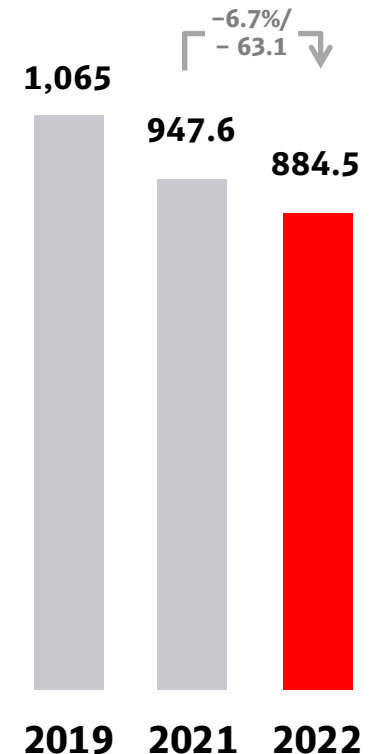
**Volume sold rail**  
(bn pkm)



**Volume produced rail**  
(mn train-path km)



**Volume produced bus**  
(mn bus km)



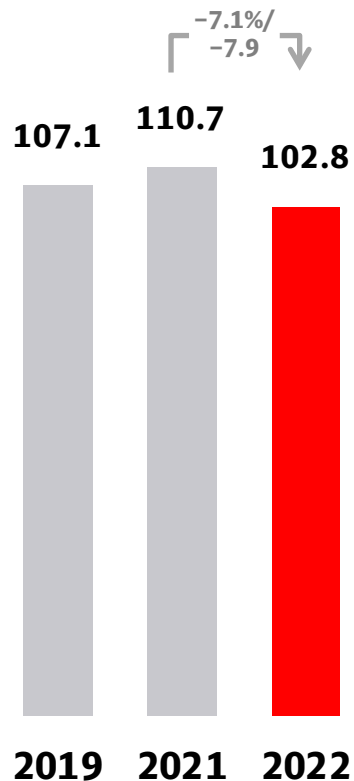
■ Arriva Rail North (until March 1, 2020).

# Performance decline in land transport, air freight and ocean freight (financially overcompensated by price effects)

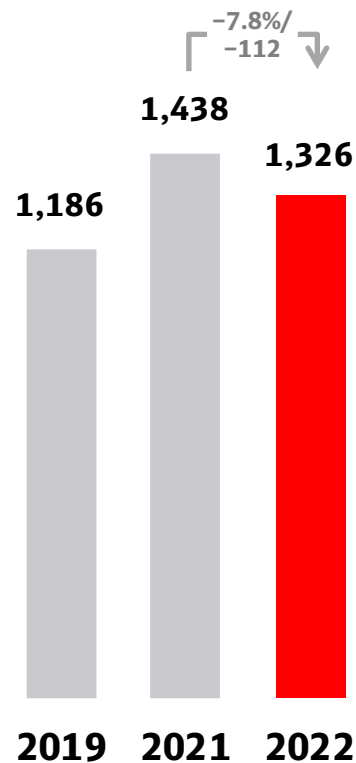


## Performance indicators – DB Schenker

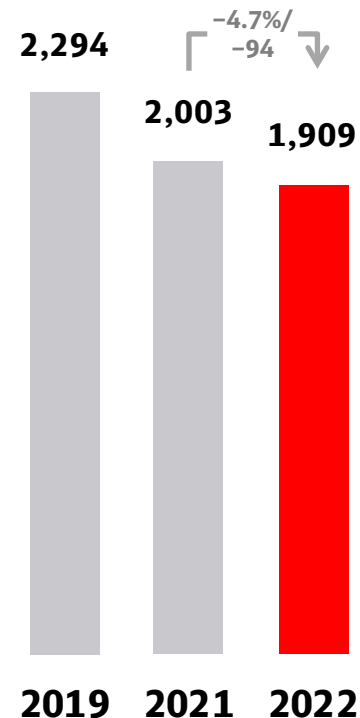
**Land transport**  
(mn shipments)



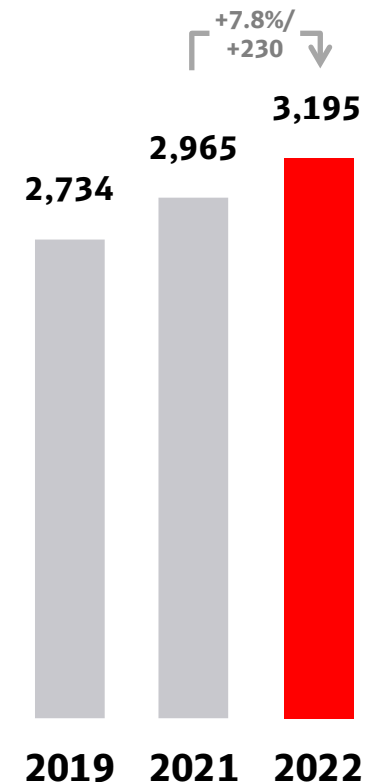
**Air freight**  
(thousand t<sup>1)</sup>)



**Ocean freight**  
(thousand TEU<sup>1</sup>)



**Contract logistics**  
(€ mn)

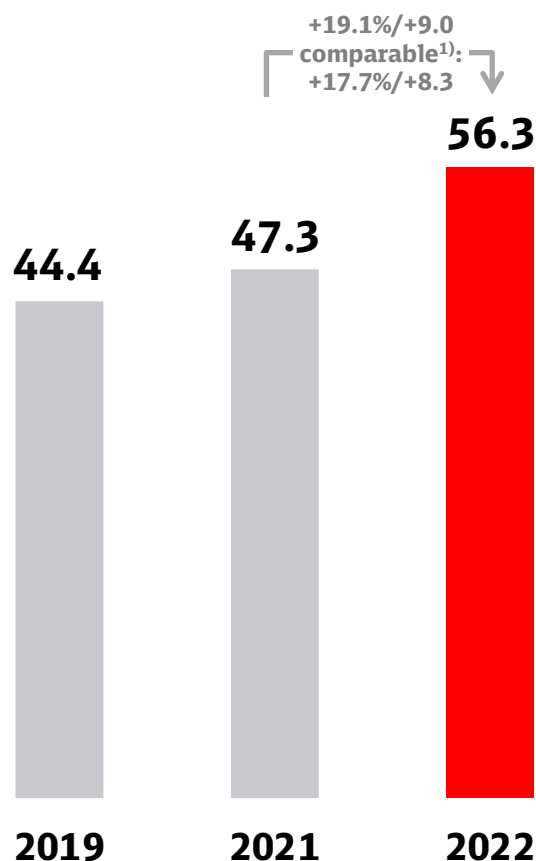


<sup>1)</sup> Exports.

# Very strong revenue development, mainly driven by DB Schenker and Integrated Rail System



## Revenues (€ bn)



## Key driver

- Price effects at DB Schenker.
- Volume recovery at DB Long-distance.
- Volume effects and increased concession fees at DB Regional.
- Still Covid-19 related performance losses.
- Sale of activities of DB Arriva in Portugal and Sweden.

## External revenues by business units (€ mn)

€ mn	2022	2021	+/- €	+/- %	2019
DB Long-Distance	4,845	2,792	+2,053	+73.5	4,824
DB Regional	8,921	7,929	+992	+12.5	8,830
DB Cargo	4,998	4,713	+285	+6.0	4,188
DB Netze Track	2,035	1,975	+60	+3.0	1,687
DB Netze Stations	593	520	+73	+14.0	590
DB Netze Energy	2,451	1,808	+643	+35.6	1,308
Other / Consolidation IRS	696	593	+103	+17.4	581
<b>Integrated Rail System</b>	<b>24,539</b>	<b>20,330</b>	<b>+4,209</b>	<b>+20.7</b>	<b>22,008</b>
DB Arriva	4,212	4,067	+145	+3.6	5,405
DB Schenker	27,545	22,853	+4,692	+20.5	17,018
<b>DB Group</b>	<b>56,296</b>	<b>47,250</b>	<b>+9,046</b>	<b>+19.1</b>	<b>44,431</b>

<sup>1)</sup> Excluding FX effects and chances in the scope of consolidation.



# Revenue structure nearly unchanged

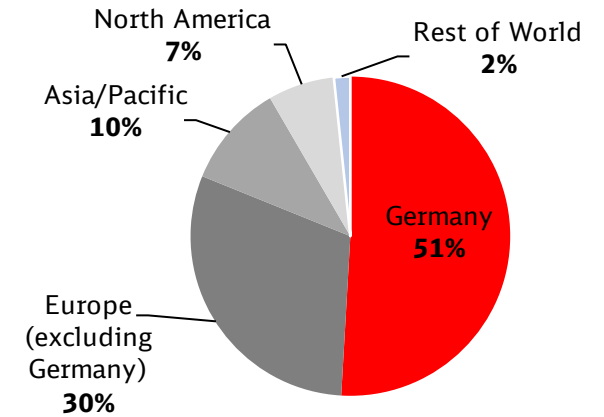
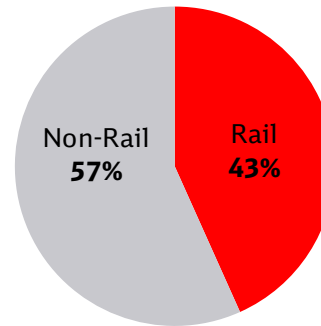
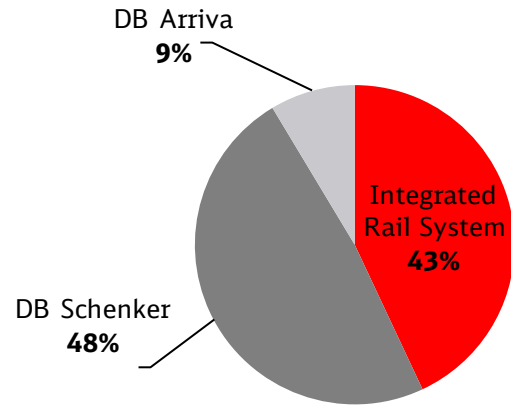


## By sectors

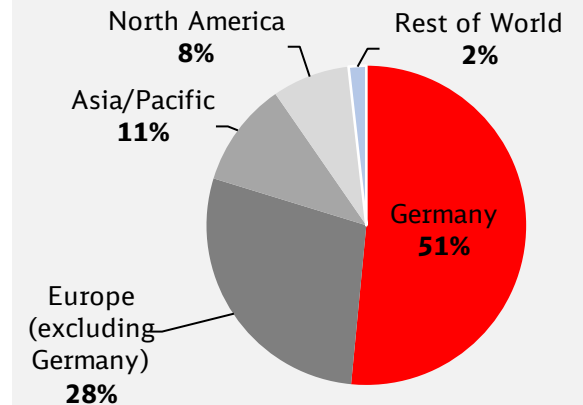
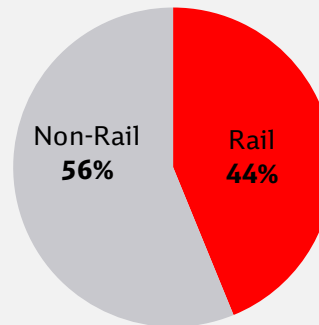
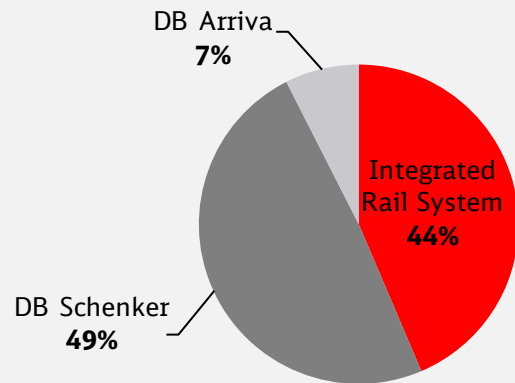
## By activities

## By regions

2021



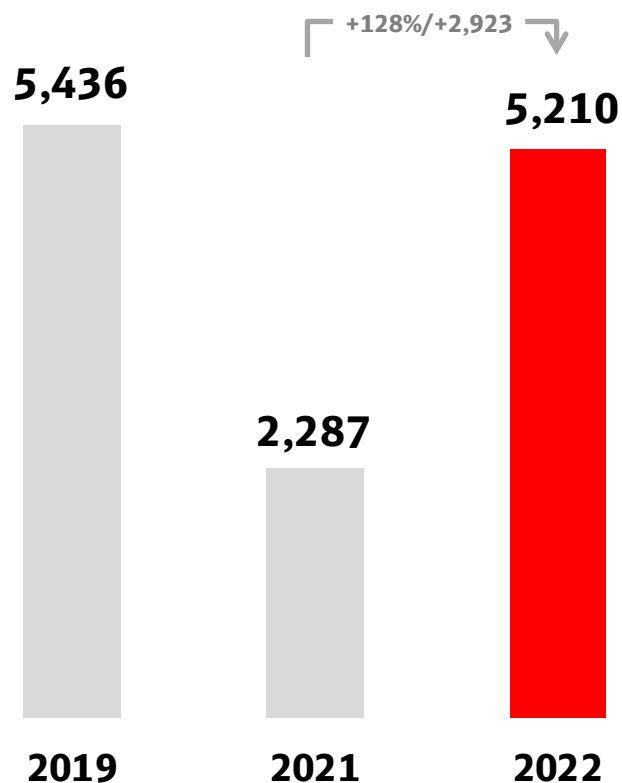
2022



# Significant EBITDA improvement mainly driven by DB Long-Distance, DB Schenker and DB Regional



## EBITDA adjusted (€ mn)



### Key driver

- ➕ Volume recovery in passenger transport.
- ➕ Development of DB Schenker.
- ➕ Cost management.
- ➖ Cost increases (mainly cost of materials and personnel).

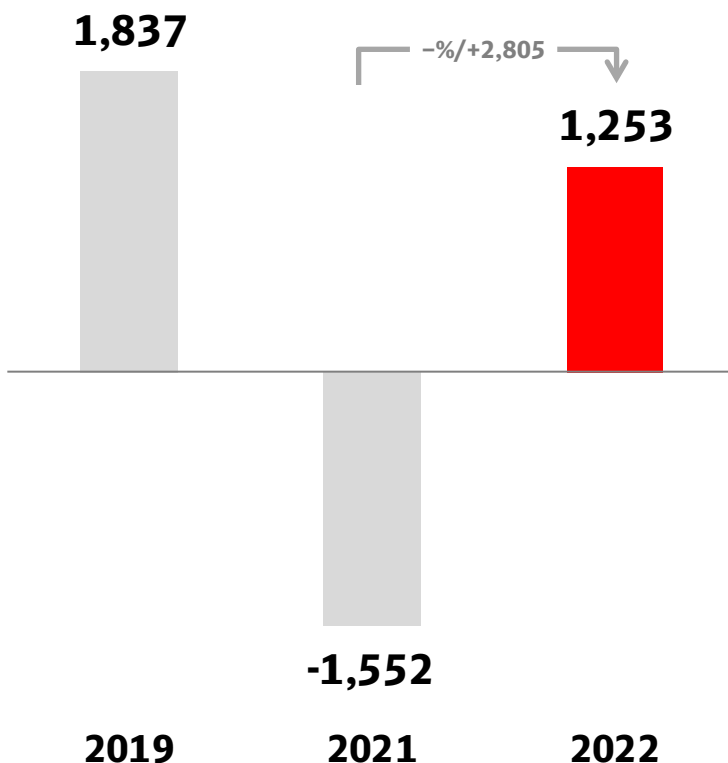
### EBITDA adjusted by business units (€ mn)

	2022	2021	+/- €	+/- %	2019
DB Long-Distance	389	-1,434	+1,823	-	789
DB Regional	619	218	+401	-	1,056
DB Cargo	-257	-81	-176	-	13
DB Netze Track	1,244	1,010	+234	+23.2	1,443
DB Netze Stations	195	160	+35	+21.9	349
DB Netze Energy	185	254	-69	-27.2	128
Other / Consolidation IRS	-85	-25	-60	-	-162
<b>Integrated Rail System</b>	<b>2,290</b>	<b>102</b>	<b>+2,188</b>	<b>-</b>	<b>3,616</b>
DB Arriva	411	359	+52	+14.5	752
DB Schenker	2,512	1,826	+686	+37.6	1,082
Consolidation miscel.	-3	-	-3	-	-14
<b>DB Group</b>	<b>5,210</b>	<b>2,287</b>	<b>+2,923</b>	<b>+128</b>	<b>5,436</b>

# EBIT development mainly driven by DB Long-Distance, DB Schenker, and DB Regional



## EBIT adjusted (€ mn)



### Key driver

- ➕ Recovery in passenger transport.
- ➕ Development of DB Schenker
- ➕ Cost management.
- ➖ Increased cost of materials (among others higher energy prices and additional quality measures).
- ➖ Increased personnel expenses (capacity expansion and tariff effects).

### EBIT adjusted by business units (€ mn)

	2022	2021	+/- €	+/- %	2019
DB Long-Distance	-39	-1,790	+1,751	-97.8	485
DB Regional	-31	-417	+386	-92.6	408
DB Cargo	-665	-467	-198	+42.4	-308
DB Netze Track	601	334	+267	+79.9	807
DB Netze Stations	29	1	+28	-	210
DB Netze Energy	103	169	-66	-39.1	43
Other / Consolidation IRS	-598	-545	-53	+9.7	-622
<b>Integrated Rail System</b>	<b>-600</b>	<b>-2,715</b>	<b>+2,115</b>	<b>-77.9</b>	<b>1,023</b>
DB Arriva	12	-73	+85	-	289
DB Schenker	1,841	1,234	+607	+49.2	538
Consolidation miscel.	-	2	-2	-100	-13
<b>DB Group</b>	<b>1,253</b>	<b>-1,552</b>	<b>+2,805</b>	<b>-</b>	<b>1,837</b>

# Revenue gains had a positive effect – burdened by the development of tax position



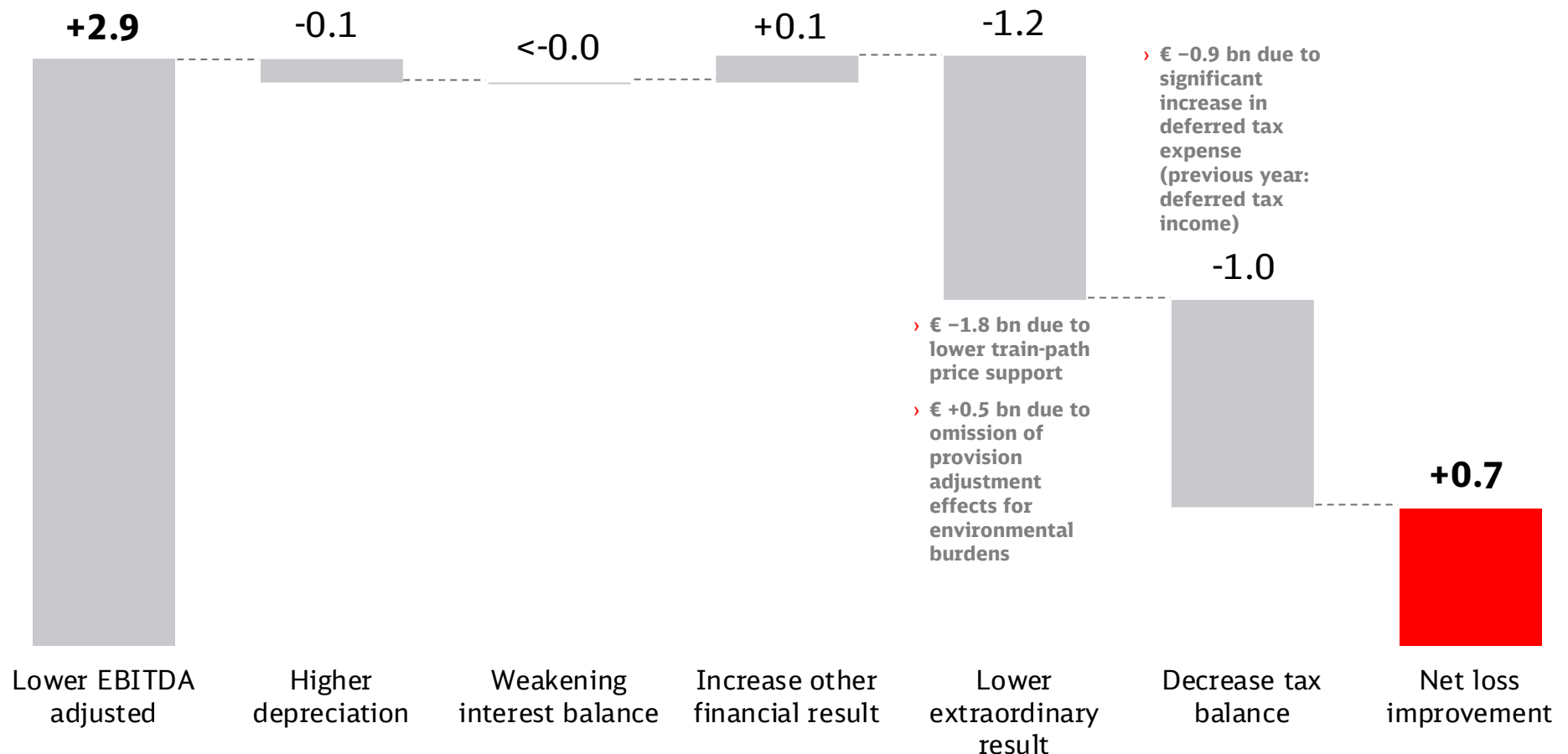
<b>Adjusted P&amp;L (€ mn)</b>	<b>2022</b>	<b>2021</b>	<b>+/- €</b>	<b>+/- %</b>	<b>2019</b>	<b>Key impact factors</b>
Revenues	56,296	47,250	+9,046	+19.1	44,431	<ul style="list-style-type: none"> <li>› Revenue increased mainly due to performance development in passenger transport and DB Schenker.</li> <li>› Operating expenses increased mainly due to higher freight rates, higher energy costs and higher maintenance expenses as well as additional expenses for additional employees and wage increases.</li> <li>› Significant decline in extraordinary result due to lower payments of Covid-19 related train-path price support from the Government.</li> <li>› Significant increase in deferred tax expense (previous year: deferred tax income).</li> </ul>
Total income	64,520	54,856	+9,664	+17.6	50,605	
Cost of materials	-33,623	-28,399	-5,224	+18.4	-22,259	
Personnel expenses	-20,163	-19,126	-1,037	+5.4	-18,011	
Other operating expenses	-5,524	-5,044	-480	+9.5	-4,899	
<b>EBITDA adjusted</b>	<b>5,210</b>	<b>2,287</b>	<b>+2,923</b>	<b>+128</b>	<b>5,436</b>	
Depreciation	-3,957	-3,839	-118	+3.1	-3,599	
<b>EBIT adjusted</b>	<b>1,253</b>	<b>-1,552</b>	<b>+2,805</b>	<b>–</b>	<b>1,837</b>	
Financial result	-357	-487	+130	-26.7	-763	
Extraordinary result	36	1,251	-1,215	-97.1	-393	
<b>Profit/loss before taxes</b>	<b>932</b>	<b>-788</b>	<b>+1,720</b>	<b>–</b>	<b>681</b>	
Taxes on Income	-1,159	-123	-1,036	–	-1	
<b>Net profit/loss</b>	<b>-227</b>	<b>-911</b>	<b>+684</b>	<b>-75.1</b>	<b>680</b>	



Significantly lower net loss mainly driven by operating profit gains – partly offset by lower Covid-19 support measures and changes in deferred taxes



## Net loss development vs. 2021 (€ bn)



Possible differences are due to rounding.

## Highlights 2022 - addition of 22 new ICE 4 trains to our ICE fleet gave additional boost to capacity

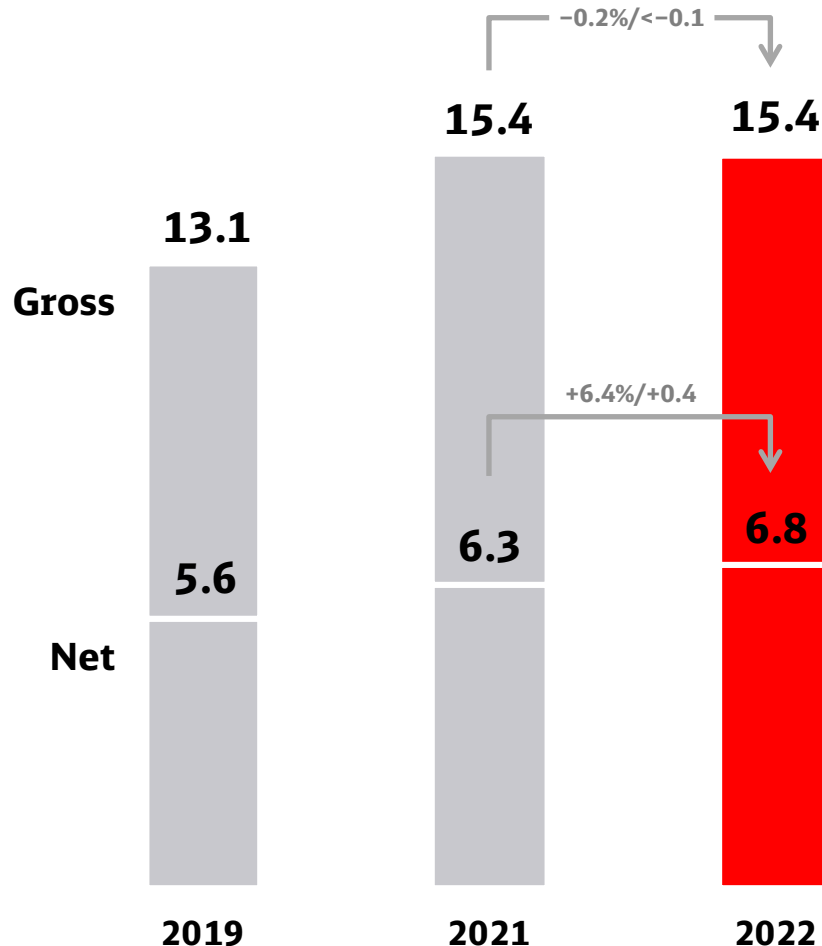


22 ICE 4 trains have been added to our ICE fleet in 2022. This makes the ICE 4 is now the largest ICE series in our ICE fleet. At the end of 2022, the first four ICE 3neo trains went into service as planned. By the end of 2029, DB Long-Distance will have 73 ICE-3neo in its fleet.

# Capex remained roughly stable at a high level



## Capital expenditures (€ bn)



Possible differences are due to rounding.

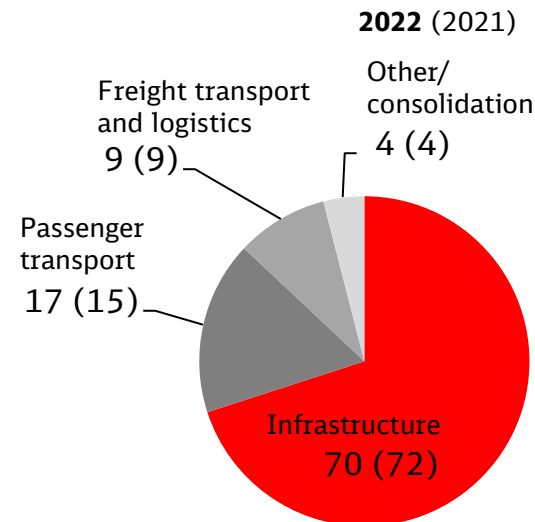
Deutsche Bahn AG | Investor Update March 2023

## Key driver

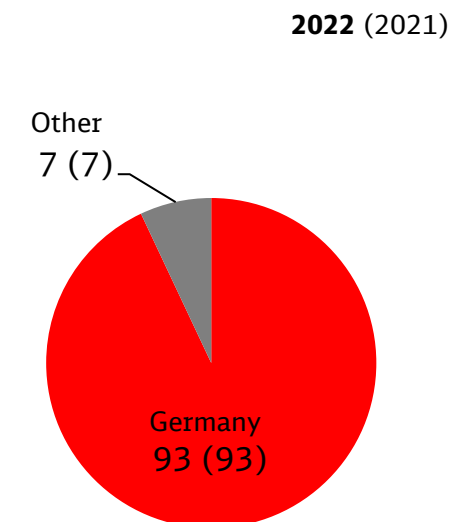
- Higher infrastructure net capex (lower investment grants mainly due to the completion of the Wendlingen–Ulm line).
- DB Long-Distance fleet capex increased further.
- DB Regional fleet capex increased due to won tenders.

## Gross capex split (%)

### By sectors



### By regions





# Deep dive - Our capex program supports the growth targets of our Strong Rail strategy by adding more capacity to our infrastructure and fleet



## DB Long-Distance (€ 1.7 bn)

- › ICE 4
- › ICE 3neo
- › Redesign of ICE trains



## DB Cargo (€ 0.5 bn)

- › Freight cars
- › Locomotives



## DB Regional (€ 0.7 bn)

- › Redesign measures
- › Trains
- › Buses



## Infrastructure (€ 10.7 bn)

- › Modernization existing network
- › New line and expansion measures



## DB Schenker (€ 0.9 bn)

- › Land transport terminals
- › Logistics center
- › Digitalization



## DB Arriva (€ 0.3 bn)

- › Buses



Gross capex at high level of previous year – increased net capex mainly at DB Regional and DB Long-Distance as well as DB Schenker



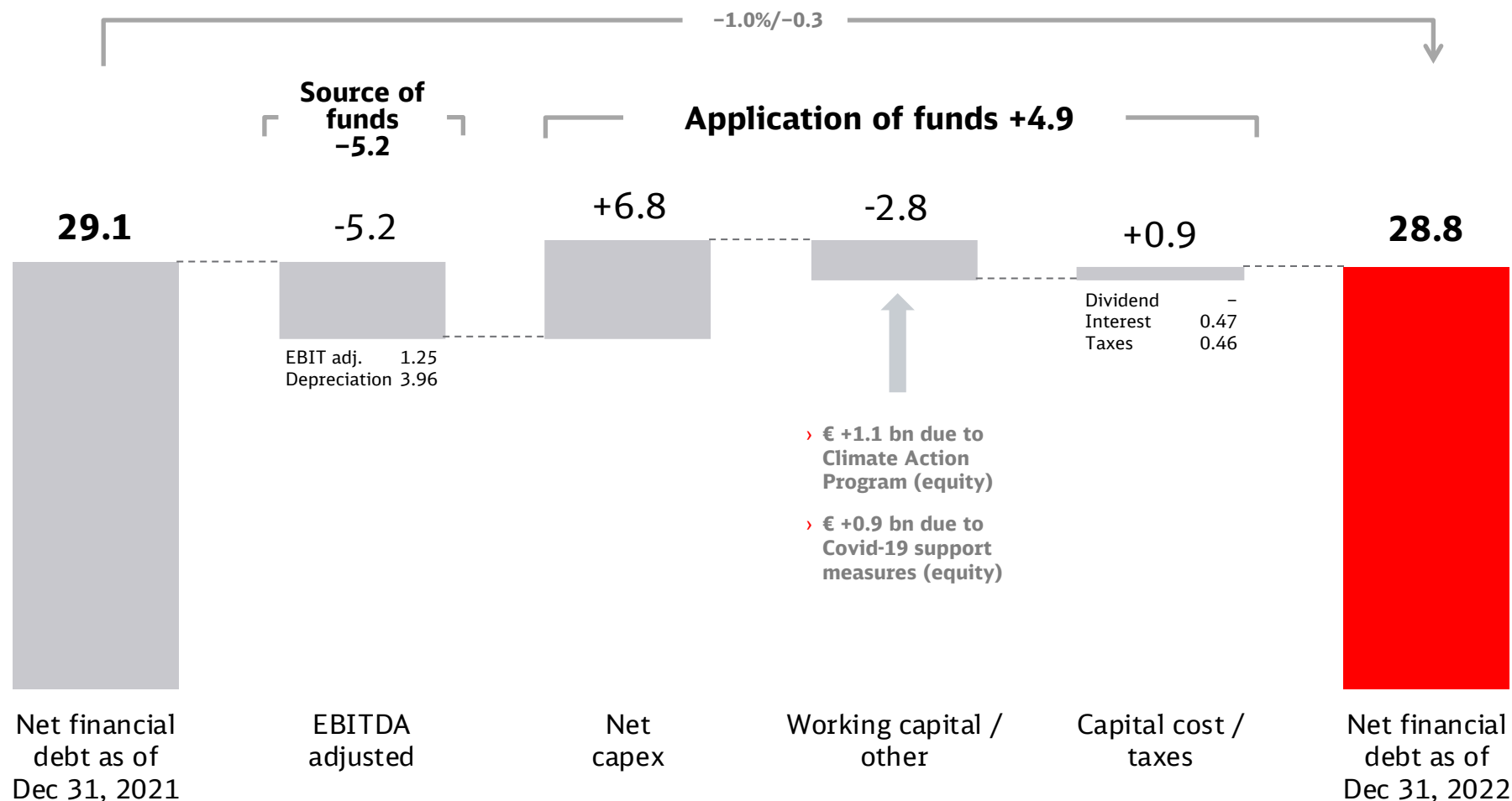
## Capital expenditures (€ mn)

	Gross capex					Net Capex				
	2022	2021	+/- €	+/- %	2019	2022	2021	+/- €	+/- %	2019
DB Long-Distance	1,667	1,507	+160	+10.6	1,241	1,666	1,507	+159	+10.6	1,241
DB Regional	716	480	+236	+49.2	560	695	455	+240	+52.7	548
DB Cargo	452	527	-75	-14.2	570	403	499	-96	-19.2	523
DB Netze Track	8,969	9,349	-380	-4.1	7,441	1,738	1,738	-	-	1,055
DB Netze Stations	1,434	1,380	+54	+3.9	1,096	397	297	+100	+33.7	262
DB Netze Energy	303	340	-37	-10.9	193	75	66	+9	+13.6	61
Other / Consolidation IRS	611	695	-84	-12.1	612	604	689	-85	-12.3	611
<b>Integrated Rail System</b>	<b>14,152</b>	<b>14,278</b>	<b>-126</b>	<b>-0.9</b>	<b>11,713</b>	<b>5,578</b>	<b>5,251</b>	<b>+327</b>	<b>+6.2</b>	<b>4,301</b>
DB Arriva	255	267	-12	-4.5	718	226	249	-23	-9.2	683
DB Schenker	946	842	+104	+12.4	662	946	842	+104	+12.4	662
<b>DB Group</b>	<b>15,353</b>	<b>15,387</b>	<b>-34</b>	<b>-0.2</b>	<b>13,093</b>	<b>6,750</b>	<b>6,342</b>	<b>+408</b>	<b>+6.4</b>	<b>5,646</b>

Net financial debt decreased slightly mainly due to profit development and Government support measures



## Net financial debt (€ bn)



Possible differences are due to rounding.

# Balance sheet with some changes on the equity and liabilities side due to profit development and ongoing Government equity support measures



## Balance sheet (€ mn, as of Dec 31)

	2022	2021	+/- €	+/- %	2019
<b>Assets</b>					
<b>Non-current assets</b>	<b>59,044</b>	<b>56,149</b>	<b>+2,895</b>	<b>+5.2%</b>	<b>53,213</b>
Property, plant and equipment	52,268	50,100	+2,168	+4.3%	46,591
Intangible assets	2,854	2,387	+467	+19.6%	3,894
Deferred tax assets	510	1,305	-795	-60.9%	1,246
<b>Current assets</b>	<b>17,259</b>	<b>15,694</b>	<b>+1,565</b>	<b>+10.0%</b>	<b>12,615</b>
Trade receivables	6,334	6,476	-142	-2.2%	4,871
Cash and cash equivalents	5,138	4,591	+547	+11.9%	3,993
<b>Equity and liabilities</b>					
<b>Equity</b>	<b>14,679</b>	<b>10,621</b>	<b>+4,058</b>	<b>+38.2%</b>	<b>14,927</b>
<b>Non-current liabilities</b>	<b>39,145</b>	<b>39,631</b>	<b>-486</b>	<b>-1.2%</b>	<b>32,820</b>
Financial debt	31,186	30,322	+864	+2.8%	23,977
<b>Current liabilities</b>	<b>22,479</b>	<b>21,591</b>	<b>+888</b>	<b>+4.1%</b>	<b>18,081</b>
Financial debt	4,087	4,164	-77	-1.8%	4,716
Trade liabilities	7,940	8,097	-157	-1.9%	5,789
<b>Total assets</b>	<b>76,303</b>	<b>71,843</b>	<b>+4,460</b>	<b>+6.2%</b>	<b>65,828</b>

## Maturity structure (as of Dec 31, 2022/Dec 31, 2021)

Assets	Equity and liabilities
Non-current assets (77% / 78%)	Equity (19% / 15%)
	Non-current liabilities (51% / 55%)
Current assets (23% / 22%)	Current liabilities (30% / 30%)

Ongoing recovery in 2023 expected based on volume growth,  
but additional burdens due to higher energy prices and quality measures



## Outlook 2023 (€ bn)

	2022	2023 (March forecast)	
<b>Revenues adjusted</b>	56.3	>56	› Ongoing Covid-19 recovery process, normalization of freight rates at DB Schenker.
<b>EBIT adjusted</b>	1.3	~-1	› Burdens due to energy prices and quality measures.
<b>Gross capital expenditures</b>	15.4	>18	› Expansion of infrastructure and vehicle capex.
<b>Net capital expenditures</b>	6.8	>8.5	
<b>Maturities</b>	2.2	2.4	
<b>Bond issues</b>	3.1	>3	› Issue volume expected to remain on a high level.
<b>Net financial debt</b> as of Dec 31	28.8	>33	› Net debt expected to increase due to high level of capex and weaker profit development.

Uncertainty remains high in 2023 due to wage negotiations as well as further development of Ukraine war and the Covid-19 pandemic.

# Financing

04














We will tap the bond markets again in 2023,  
first issue with volume of € 0.75 bn in early January




## Bond issues

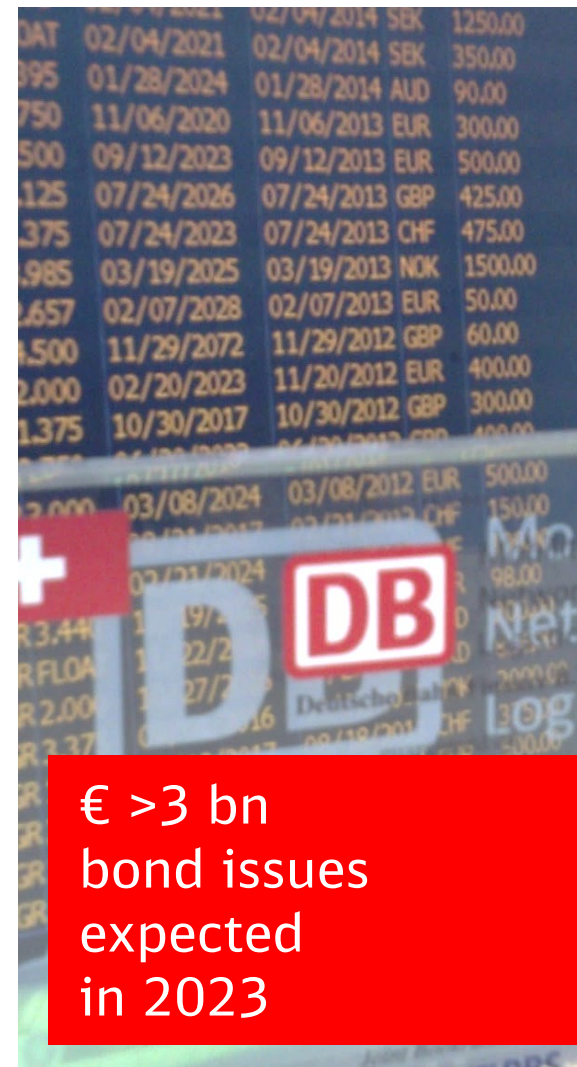
### 2022: 9 transactions

Volume (€ mn)		Term (Ø years)	Interest <sup>1)</sup> (Ø %)
<b>3,102</b>		<b>12.5<sup>2)</sup></b>	<b>2.27<sup>2)</sup></b>
51		12.0	3.22
52		18.0	2.85
151		20.0	3.84
191		20.0	1.24
200		5.0	0.84
308		10.0	2.86
500		20.0	3.95
750		12.0	1.42
900		8.0	2.03

### 2023: 1 transaction (so far)

Volume (€ mn)		Term (Ø years)	Interest <sup>1)</sup> (Ø %)
<b>750</b>		<b>14.9</b>	<b>3.66</b>

<sup>1)</sup> Interest all in €. <sup>2)</sup> Volume weighted average. Non-€ bond issuances were swapped into €.



# We enjoy strong credit and sustainability ratings and strong financing power due to established financing programs



## Credit ratings

- › Moody's: Aa1/stable
- › S&P: AA-/stable

## ESG ratings

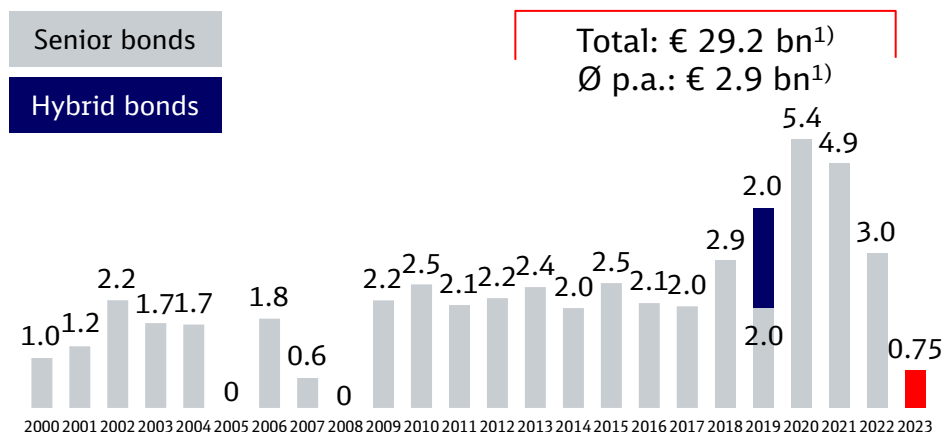
- › CDP: A (best grade)
- › MSCI: AA
- › ISS ESG: C+ (Prime status)
- › Sustainalytics: Risk assessment "medium"
- › Moody's ESG: 52 (Scale 0-100) / robust
- › EcoVadis: 68 (Scale 0-100) / Gold medal

## Financing programs

- › European Medium Term Notes program
- › Australian Debt Issuance program
- › Commercial Paper program

## Bond issues

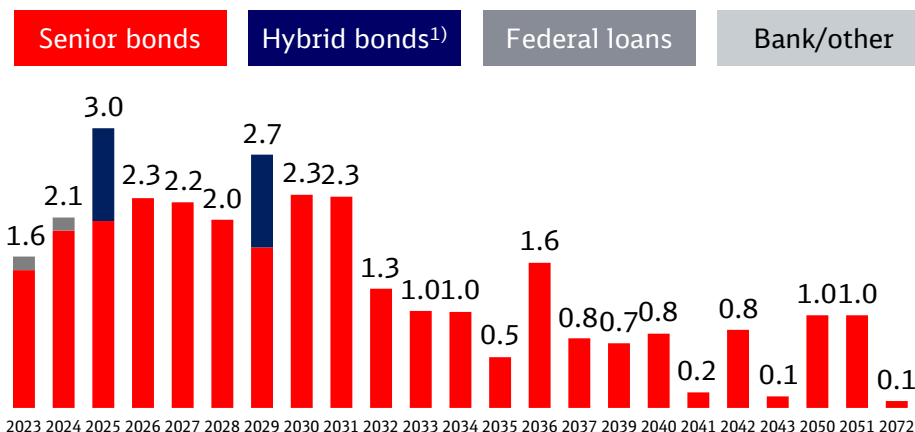
(€ bn; as Mar 30, 2023)



<sup>1)</sup> Senior bonds.

## Maturity profile financial liabilities

(€ bn; incl. swaps; excl. leasing; as of Mar 30, 2023)



<sup>1)</sup> First possible call year.

# Appendix

05



# Development since 2008



(€ mn)	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008
<b>Rail passenger volume sold</b> (mn pkm)	82,642	50,831	51,933	98,402	97,707	95,854	91,651	88,636	88,407	88,746	88,433	80,487	78,582	76,772	77,812
<b>Rail freight volume sold</b> (mn tkm)	84,468	84,850	78,670	85,005	88,237	92,651	94,698	98,445	102,871	104,259	105,894	111,980	105,794	93,948	113,634
<b>Revenues adjusted</b>	56,296	47,250	39,902	44,431	44,024	42,704	40,576	40,468	39,720	39,119	39,296	37,901	34,410	29,335	33,452
<b>Profit/loss before taxes</b>	932	-788	-5,484	681	1,172	968	706	-932	937	876	1,530	1,359	900	1,387	1,807
<b>EBIT adjusted</b>	1,253	-1,552	-2,903	1,837	2,111	2,152	1,946	1,759	2,109	2,236	2,708	2,309	1,866	1,685	2,483
<b>EBITDA adjusted</b>	5,210	2,287	1,002	5,436	4,739	4,930	4,797	4,778	5,110	5,139	5,601	5,141	4,651	4,402	5,206
<b>Cash flow from operating activities</b>	5,644	3,900	1,420	3,278	3,371	2,329	3,648	3,489	3,896	3,730	4,094	3,390	3,409	3,133	3,539
<b>Total assets</b>	76,303	71,843	65,435	65,828	58,527	56,436	56,324	56,059	55,883	52,894	52,525	51,791	52,003	47,303	48,193
<b>Gross capex</b>	15,353	15,387	14,402	13,093	11,205	10,464	9,510	9,344	9,129	8,224	8,053	7,501	6,891	6,462	6,765
<b>Net capex</b>	6,750	6,342	5,886	5,646	3,996	3,740	3,320	3,866	4,442	3,412	3,487	2,569	2,072	1,813	2,599
<b>Ratings (Moody's/S&amp;P)</b>	Aa1/AA-	Aa1/AA-	Aa1/AA-	Aa1/AA	Aa1/AA-	Aa1/AA-	Aa1/AA-	Aa1/AA	Aa1/AA	Aa1/AA	Aa1/AA	Aa1/AA	Aa1/AA	Aa1/AA	Aa1/AA
<b>Employees</b> (as of Dec 31)	324,136	323,716	322,768	323,944	318,528	310,935	306,368	297,202	295,763	295,653	287,508	284,319	276,309	239,382	240,227



# Contact details and further information



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**Robert Strehl**

Head of Investor Relations and  
Sustainable Finance



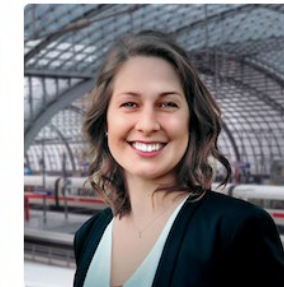
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