

A high-speed train is stopped at a station platform. The train is white with a red stripe. In the foreground, there is a glass barrier with a green sign. The sign has the text "Das ist grün." in white on a green background, and "Unterwegs mit Ökostrom." in white on a dark background. The background shows the station platform, tracks, and a cloudy sky.

Das ist grün.

Unterwegs mit
Ökostrom.

Investor Update

November 2020

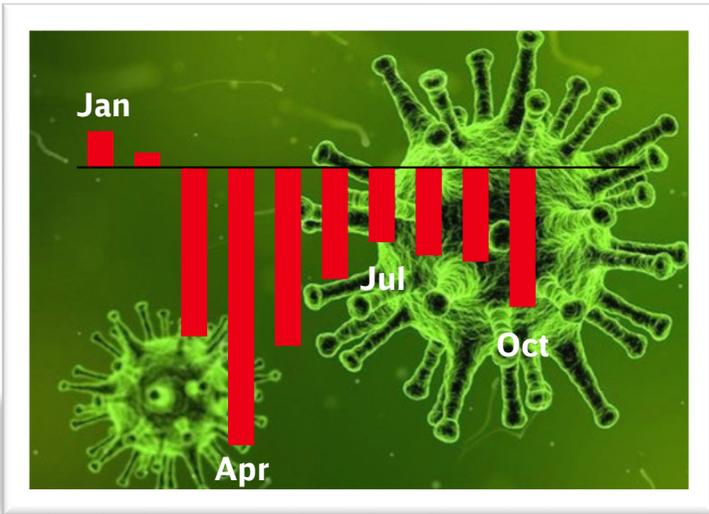
Deutsche Bahn AG, November 2020

Deutsche Bahn is a **strong and reliable investment**



- 1** **Climate change** and Government ambition to strengthen rail are key structural determinants of our future.
- 2** Our **Strong Rail strategy** reflects this by building a stronger rail system in Germany.
- 3** In 2019, we have **delivered against our ambition** to make DB Group more Robust, Powerful and Modern.
- 4** Significant capex measures planned until 2030 – large majority of **capex will be Government funded**.
- 5** In 2020, we **delivered a strong start** with record volume growth and improved production quality.
- 6** **Covid-19** has interrupted this trend with severe volume losses and low points in April.
- 7** As Covid-19 does not reduce the need for a strong rail system in Germany, we take a **balanced response**.
- 8** We take bold action in areas that do not limit our long-term growth and **maintain our capex plan**.
- 9** **German Government and DB take a joint approach** with Government support to manage crisis and growth.

Covid-19 hit us and it's not over yet, but the long-term trends in our markets and thus the foundation of our Strong Rail strategy are unchanged



Our Strong Rail strategy is aiming at **enabling a strong rail system** for Germany – that is our ambition



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.

Our 10 DB targets

Traffic shift

- 260 million passengers in long-distance
- +1 billion passengers in regional
- +70% volume sold in freight transport
- +>30% capacity in infrastructure

Customers

- Customer satisfaction: SI >80/>75/>70¹⁾
- Punctuality: >85%/>95%/>77%¹⁾

Employees

- Employee satisfaction >3.8

Climate

- 100% share of renewable energies

Financials

- ROCE of $\geq 6.5\%$
- Debt coverage of $\geq 20\%$

3 overall sector targets

Passengers in rail transport

x2

Market share rail freight transport

25%

Share of renewable energies

100%

¹⁾ DB Long-Distance / DB Regional (rail) / DB Cargo.

A huge capex program is the foundation of our future growth and a key part of our Strong Rail strategy



Capex 2020–30: € 178 bn (gross) / € 48 bn (net)¹⁾

Passenger Transport

€ 19 bn (gross) / € 18 bn (net)



Long-distance transport

- Expanding by 229 new trains until 2024.
- 137 ICE 4, 69 IC 2, 23 trains from Talgo.

Regional transport

- Procurement of new vehicles.

Transport and Logistics

€ 13 bn (gross) / € 12 bn (net)



Freight transport

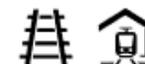
- Procurement of locomotives.
- Procurement of freight cars.

IT landscape

- Standardization of processes.
- Automation of processes.

Infrastructure

€ 144 bn (gross) / € 17 bn (net)



Rail network

- Modernization/expansion of network.
- Modern command & control technology.

Stations

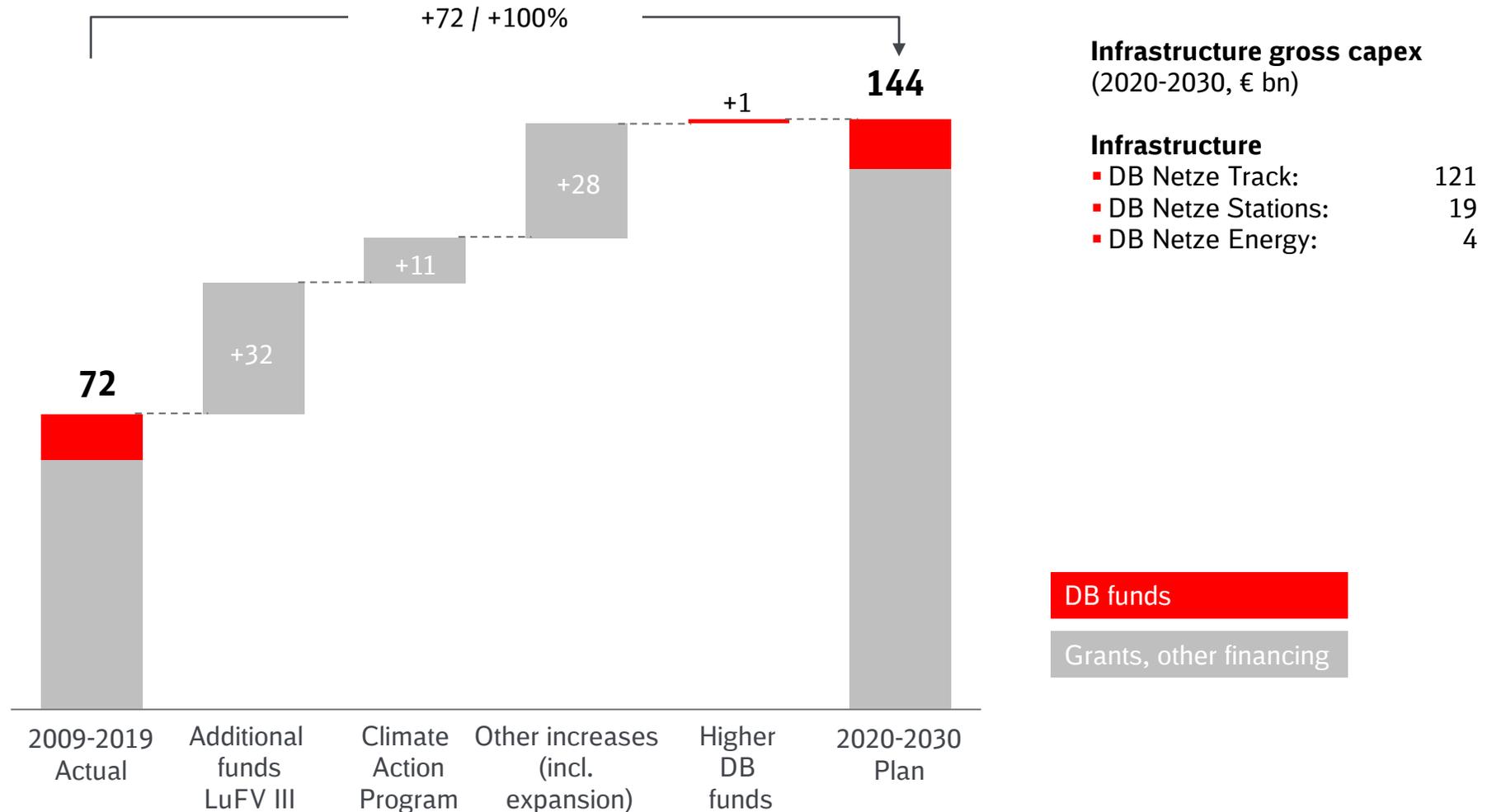
- Renovation of small and mid-size stations.
- Modernization in individual states.

¹⁾ Difference between total capex figures and sum of three areas below: DB Arriva, internal service companies and holding.

Our expansion strategy is based on **significant Government contributions** to develop the rail infrastructure



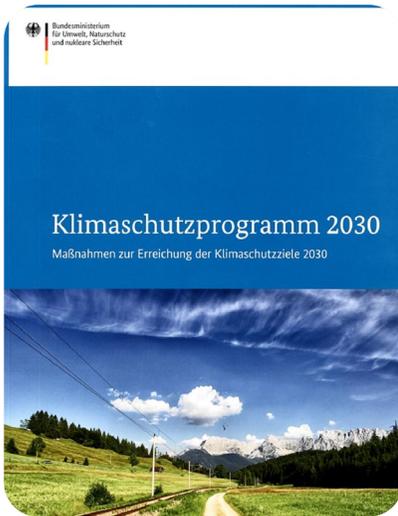
Infrastructure gross capex (€ bn)



The strong support of the German Government for the rail mode of transport is also demonstrated by comprehensive **measures to deal with the Covid-19 crisis** and additional measures to support rail



Climate Action Program



Mitigation of Covid-19 damage



Sector support for regional transport

Short-term bridge loans arranged with different banks to secure financing until finalization of EU approval processes

Freight transport in Germany



We have reached a comprehensive agreement with the Federal Government to **deal with Covid-19 impact** and to be able to continue with our Strong Rail strategy



Total Covid-19 impact DB Group (2020-24)

DB countermeasures

- DB Group aims to cover 50% of Covid-19 impact on integrated rail system by countermeasures (>€ 4 bn).
- Mainly by opex reductions, which will become effective in the mid-term.
- Positive contribution from capex delays/postponements in the short-term, overall only minor effect from capex.

Bonds

- Additional issue of senior bonds.

Government support

- Agreement with Government reached (still subject to approval of EU).
- Federal Government believes in long term growth trajectory.
- Federal Government will compensate for 80 % of the Covid-19 impact on DB Group (after countermeasures) through equity injections, total amount not fixed yet.



Joint approach of DB Group and the Federal Government

During the **implementation of our countermeasures** we have always in mind to minimize the negative impact on our **Strong Rail ambition**



***The Strong Rail ambition is
our guiding principle – even for
our contribution to mitigate the
Covid-19 impact***

We minimize the negative impact on our Strong Rail strategy by ...

- Focusing on optimization of expenses and continuing to make important capex in the integrated rail business.
- Having a close eye on the impact on the Strong Rail strategy and defining measures that are not hurting our core targets.
- Ensuring that the measures are in line with our planning and monitoring of the implementation.

We make a virtue out of necessity and bring our Strong Rail strategy forward by ...

- Sizing opportunities of making overhead structures more efficient and becoming more powerful.
- Working better together and further develop our strong functions.

Our **operating focus** is on far-reaching hygiene measures and improved visibility of cleanliness along the entire travel chain

Clean stations with clear guidance

- Increased intensity of cleaning and disinfectant dispensers.
- Use of innovative cleaning technologies, like autonomous cleaning robots.
- Clear route guidance and installation of new infrastructure to manage flow of travelers.

Clean trains and attentive staff

- Expansion of on-board and outside cleaning, among other increased usage of Japanese Shinkansen cleaning techniques.
- Digitalization of train cleaning management processes.
- Standard wearing of protective equipment by train personnel.
- Distribution of disinfecting wipes to long-distance passengers.

Clean air and minimized risk of infection

- Additional maintenance of air conditioning technology in trains.
- Increased level of spare parts to secure supply reliability.

>120

positive mentions in the press of cleanliness and hygiene level at Deutsche Bahn

>100 Mio.

€ additional annual costs for hygiene measures

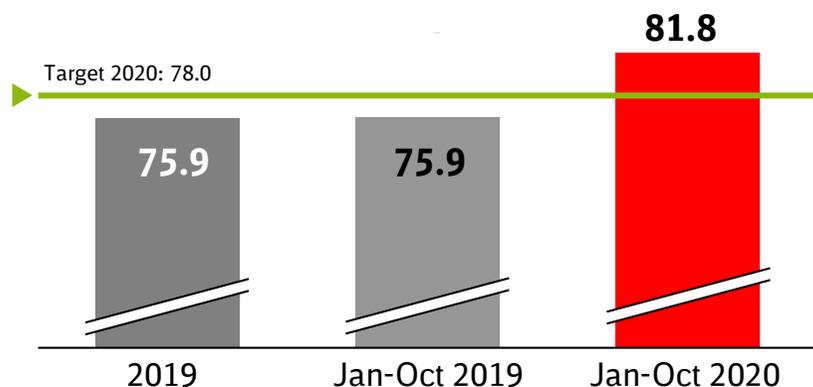
~60%

fresh air admixture in air conditioning

Operationally we are doing really good in 2020, reliable and **high-quality services** during Covid-19 crisis

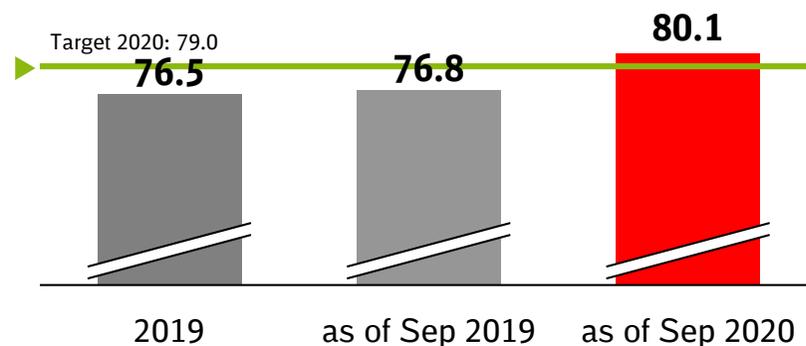


Punctuality (DB Long-Distance)



- Punctuality improved by 5.9 percentage points compared to first ten month of 2019.
- High level of punctuality mainly driven by:
 - improvement of vehicle quality and availability at DB Long-Distance,
 - successful management of construction sites and speed restrictions and
 - lower number and durations of disturbances in the network.

Customer satisfaction (DB Long-Distance)



- Customer satisfaction improved by 3.3 SI points compared to September 2019.
- Mainly driven by:
 - high level of punctuality and
 - utilization driven issues (including number of available seats, cleanliness on board).

This was the foundation of a strong **recovery process since May, but the second Covid-19 wave in Germany interrupted that**



Performance development (compared to respective month from 2019)

DB Long-Distance



DB Regional



DB Cargo



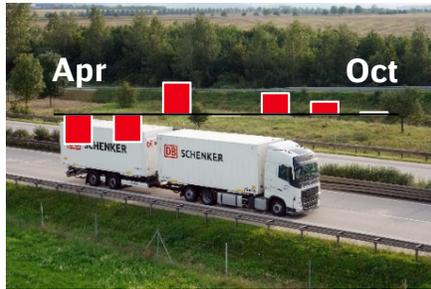
DB Netze Track



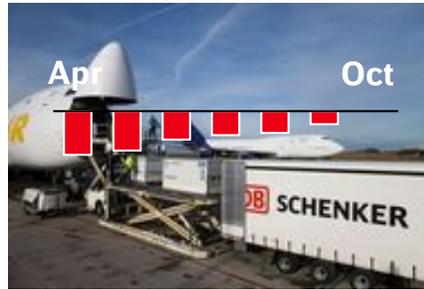
DB Arriva



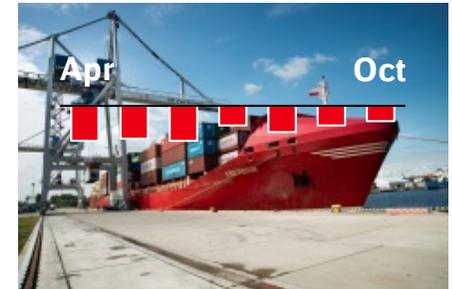
Land transport



Air freight



Ocean freight



A lot of uncertainties regarding the **further development** of the **COVID-19** pandemic remain, nevertheless financing of **DB Group** is secured

What we know

What we don't know

Q1 2020

- “Normal” development until beginning of March.
- Impact of Covid-19 virus already noticeable overall.

Q2 2020

- Low point due to Covid-19 pandemic crisis in April.
- Recovery process started in May.
- Services in passenger transport back to almost 100 % level since end of May.

Q3 2020

- Recovery process interrupted.
- New restrictions (soft lockdown) since November.
- Services in passenger transport remain at a high level (>80%).
- Bridge loans for pending equity support agreed.

- Continuation and development of recovery process.
- Further development of global economy.
- Additional positive mitigating effects from additional support measures.
- Timing of the EU state aid approval process.

In **H1 2020** we saw a significant impact from **Covid-19** pandemic and economic downturn



- 1** **Positive start into 2020** with strong development particularly at DB Long-Distance.
- 2** **Covid-19 pandemic** has interrupted this trend with severe volume losses and low points in April.
- 3** Since May significant **recovery process** in volumes, but interrupted in September due to new restrictions.
- 4** All relevant **key figures** (except capex and net debt) in H1 2020 lower than in H1 2019.
- 5** As Covid-19 does not reduce the need for a strong rail system in Germany, we took a **balanced response**.
- 6** We take bold action in areas that do not limit our long-term growth and **maintain our capex plan**.
- 7** **German Government and DB Group take a joint approach** to manage crisis with strong Government support.
- 8** **DB Arriva** severely affected as well, leading to need for an impairment of goodwill.
- 9** Relatively strong development at **DB Schenker** mainly driven by air freight business.

H1 2020 far below plan – outlook for 2020 financial year driven by Covid-19 impact as well



Outlook (€ bn)

	H1 2019	H1 2020	+/- %	2019	2020 (March forecast)	2020 (July forecast)
Revenues adjusted	22.0	19.4	-11.8	44.4	↘	>38.5
EBIT adjusted	0.8	-1.8	-	1.8	↘	>-3.5
Net profit	0.2	-3.7	-	0.7	↘	↘
ROCE (%)	3.6	-8.5	-	4.3	↘	↘
Debt coverage (%)	13.8	-1.2	-	15.3	↘	↘
Gross capex	4.8	5.6	+15.1	13.1	>15	>14.5
Net capex	2.4	2.8	+17.9	5.6	>6.5	>6.0
Maturities as of Jun 30/Dec 31	0.8	1.2	-	2.3	2.3	2.3
Bond issues (senior)	2.0	4.2	-	2.0	>2.5	≥4.4
Net financial debt as of Dec 31/Jun 30	24.2	27.5	+13.8	24.2	↗	-27

Strong credit and sustainability ratings as well as strong financing power due to established financing programs



Credit ratings

(as of Oct 31, 2020)

- Moody's: Aa1 / negative
- S&P: AA- / negative

Sustainability ratings

(as of Oct 31, 2020)

- ISS ESG: B- (prime status)
- MSCI: A
- CDP: A (best grade)
- EcoVadis: Silver status
- Sustainalytics: Risk assessment medium

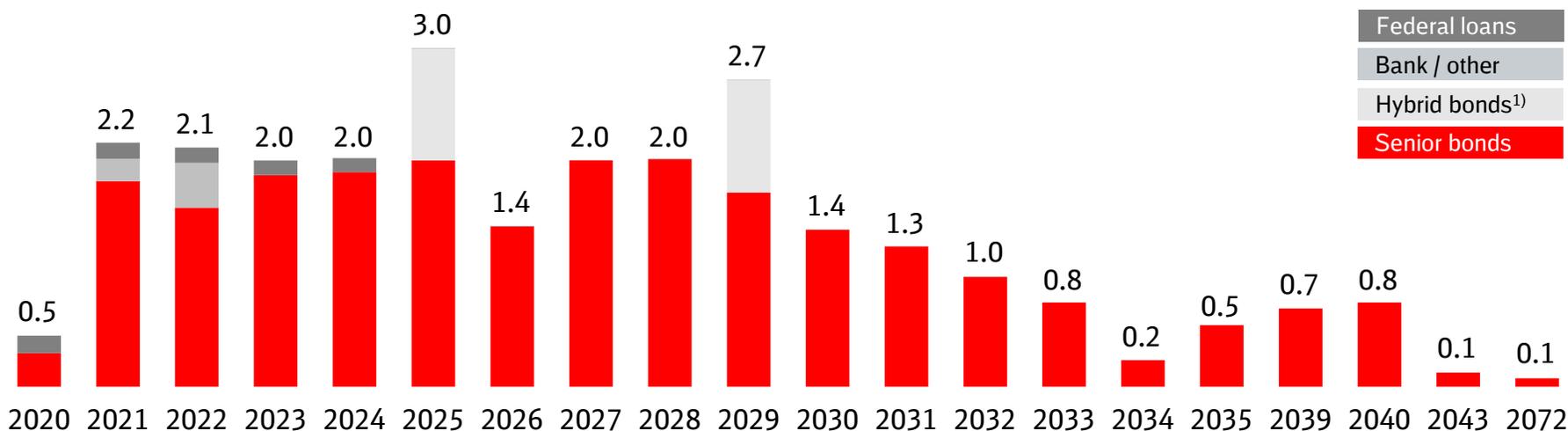
Financing programs

(as of Oct 31, 2020)

- European Medium Term Notes program (EMTN; € 30 bn)
- Australian Debt Issuance program (Kangaroo program; AUD 5 bn)
- Commercial Paper program (€ 3 bn)

Maturity profile financial liabilities

(€ bn; incl. swaps; excl. leasing; as of Oct 31, 2020)



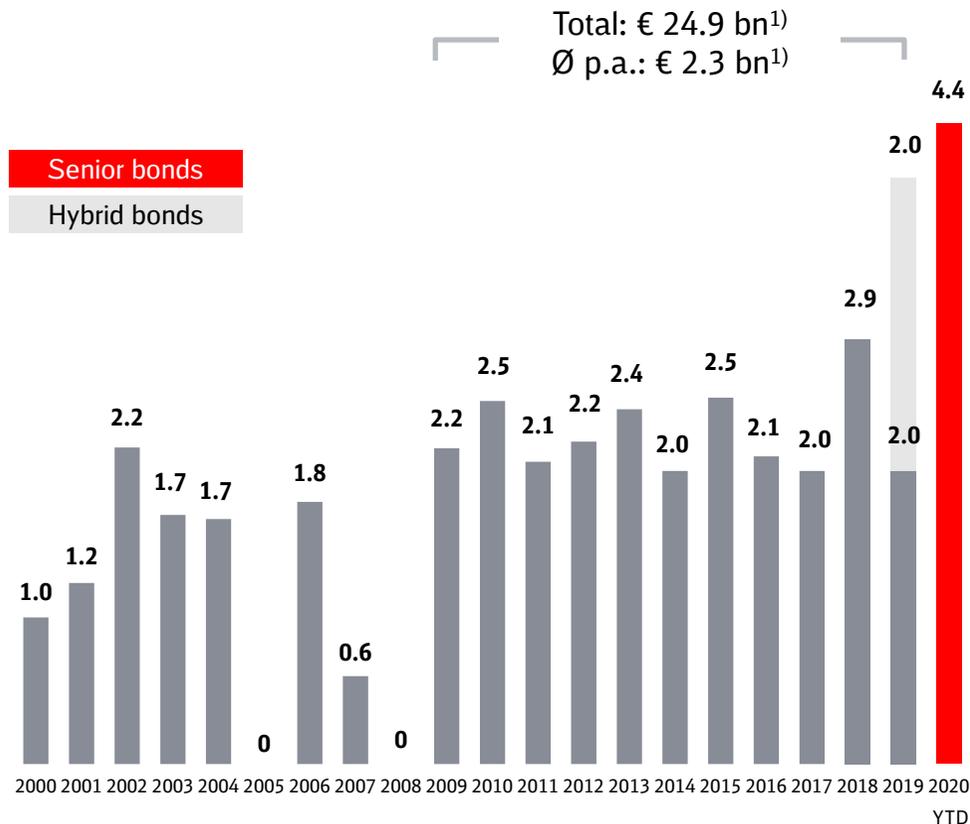
¹⁾ First possible call year.

Deutsche Bahn is a **frequent issuer** in the international capital markets – 10 issues totaling € 4.4 bn so far in 2020



Bond issues

(€ bn; as of Oct 31, 2020)



2020

#	Issue date	Volume (€ mn)	Currency	Term (years)	Interest all in € (%)	Credit spread (%)
Bonds (Senior bonds)						
1	Jan 8	500	€	15.5	0.82	0.423
2	Feb 6	300	€	4.0	-0.06	0.226
3	Mar 10 ²⁾	150	€	12.0	0.26	0.455
4	Apr 1	900	€	7.0	0.64	0.787
5	Apr 7	750	€	20.0	1.43	1.170
6	Jun 16	850	€	9.0	0.41	0.581
7	Jun 16	650	€	19.0	0.98	0.870
8	Jun 22	100	¥	4.0	0.12	0.471
9	Jun 25	48	SEK	15.0	0.73	0.728
10	Jul 1	123	AUD	10.0	0.41	0.574
Total		4,371		Ø 12.4³⁾	Ø 0.72³⁾	Ø 0.724³⁾

¹⁾ Senior bonds. ²⁾ Private placement. ³⁾ Volume weighted average.

DB Group enjoys good assessments in various established **sustainability ratings**, climate targets confirmed by SBTI in 2020



DB honored as “Sector Leader Transportation”

- DB Group with the best possible climate score: Total assessment „A“ makes DB Group to one of the most climate-friendly companies in the transport and logistics sector worldwide.



DB with “Silver” status

- Deutsche Bahn is in the top 5% of companies assessed by EcoVadis in the Transport via railways industry.



DB with “Prime” status since 2010

- DB Group was rated as one of the very best in the transport & logistics/rail sector with prime status thanks to its good “B-” assessment.



DB with “A” rating

- DB rated since 2013.
- DB with good position in road and rail transport industry.
- MSCI emphasized the target in carbon emission reduction.



Medium ESG risk

- DB Group achieved with a risk assessment of medium a good assessment.
- ESG risk rating category has remained stable.



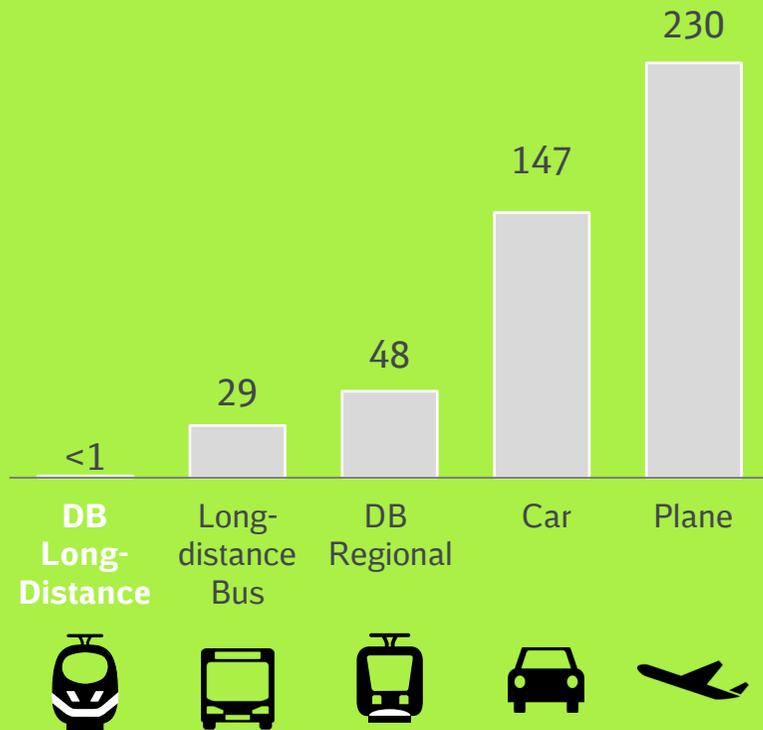
Quality seal from Science-Based Targets Initiative (SBTI)

- Scientific confirmation: With its greenhouse gas reduction targets, DB Group takes responsibility for achieving the 2-degree target of the Paris Climate Conference.

Its very favorable **carbon footprint** is a core advantage of the rail mode of transport

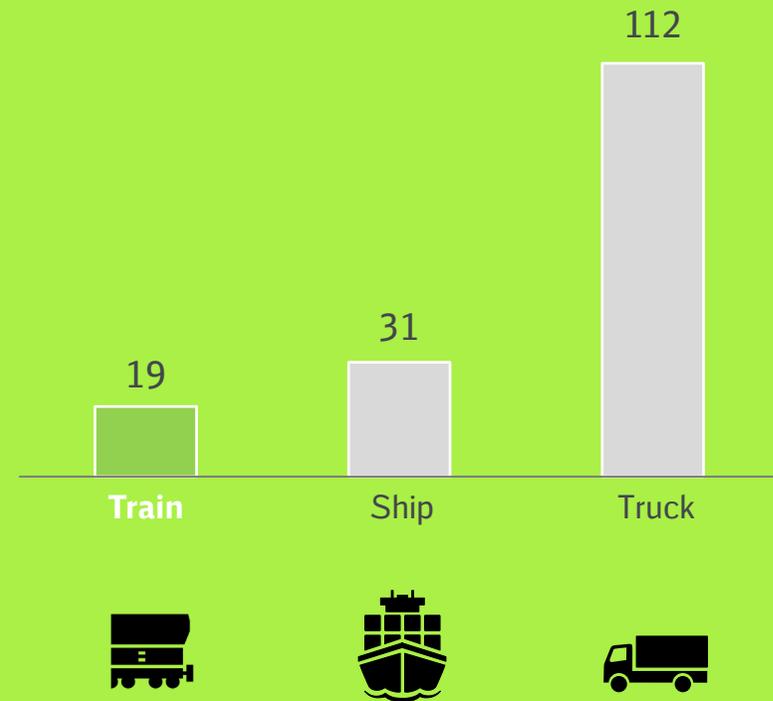


Passenger transport (g CO₂e/pkm)



Source: Plane, Car, Long-distance bus UBA 2019 (TREMOT 6.03; basis year 2018), rail (DB, basis year 2019)

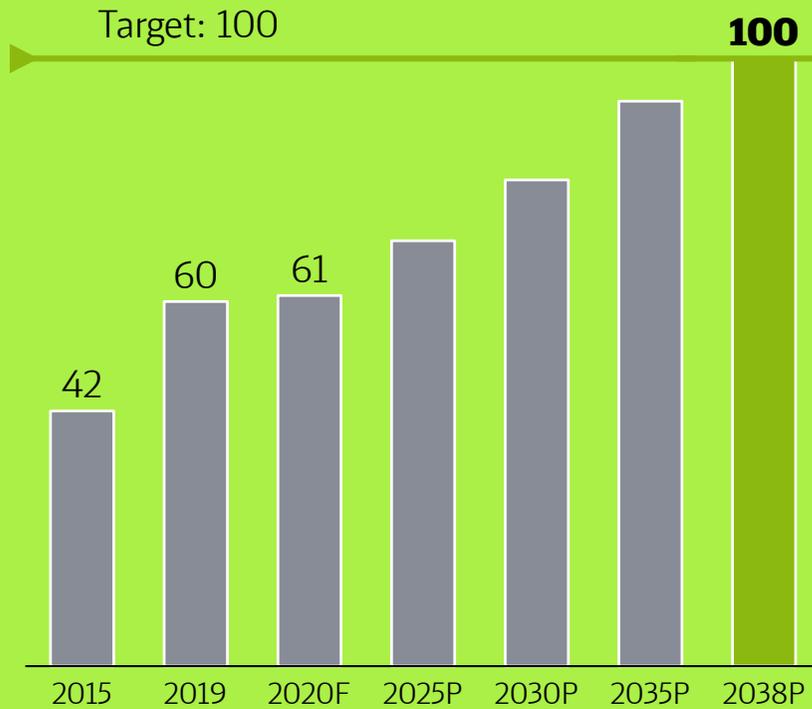
Freight transport (g CO₂e/tkm)



Source: UBA 2019 (TREMOT 6.03; basis year 2018), rail (DB, basis year 2019)

Our target: **100% renewable energy**. Not just traction current is becoming greener – the entire DB Group as well.

Share of renewable energies in the DB traction current mix (%)



Phase out use of glyphosate

Climate-neutral DB Group

Noise reduction

- Development of an environmentally friendly vegetation management system.
- Research and testing of alternative methods.
- -50% use of glyphosate from 2020 onwards.
- -100% use of glyphosate till end of 2022.

- By 2038, we will fully switch traction current to 100% renewable energies – by 2025: 100% green energy for stationary energies.
- By 2030, we will more than halve our specific greenhouse gas emissions compared to 2006.
- We want to become climate-neutral. Development and implementation of phasing out plans in a project called “Climate-neutral DB.”

- The noise reduction goal 2020 of halving of noise emissions along DB tracks will be reached:
 - entire freight car fleet in operation at DB Cargo in Germany equipped with whisper brakes and
 - 2,000 train-path km noise remediated.
- New noise protection target 2030/2050.

Due its clear ecological advantages rail will benefit strongly from major EU initiatives



EU recovery plan

“The **recovery plan** turns the immense challenge we face into an opportunity, not only by supporting the recovery but also by investing in our future: the **European Green Deal** and digitalization will boost jobs and growth, the resilience of our societies and the health of our environment. (...) With **Next Generation EU** we are providing an ambitious answer.”



European Commission
President Ursula von der Leyen



Total volume of € 750 bn. Focus a.o. on shifting traffic to rail and a powerful rail infrastructure

Multiannual Financing Framework

“Our common budget is at the heart of Europe's recovery plan. The additional firepower of **Next Generation EU** and the **reinforced multiannual financial framework** will give us the power of solidarity to support Member States and the economy. Together, Europe will arise more competitive, resilient and sovereign.”



Commissioner Johannes Hahn,
in charge of the EU budget



€ 14.5 bn for expansion of trans-European networks and € 2 bn for digitalization of transport

European Year of Rail

“There's no doubt that railway transport means huge benefits in most areas: sustainability, safety, even speed, once it's organised and engineered according to 21st century principles. (...) The **European Year of Rail** is not a random event. It comes at an appropriate time, when the EU needs this kind of collective undertaking.”



Adina Vălean,
Commissioner for Transport



The initiative will position rail at the heart of achieving the European Green Deal

A1 DB Group

A2 Strategy

A3 H1 2020 Financials

A4 Sustainability

A5 Track Record

A1



Germany's fastest climate protector

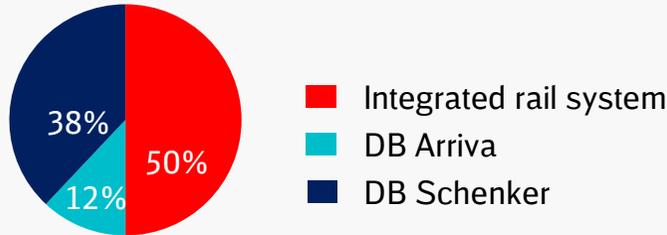
Deutsche Bahn at a glance



DB Group (2019)

- International mobility & logistics services.
- Active in >130 countries.
- Vertically integrated Group structure.
- DB AG acts as management holding company.
- Ratings: Aa1 / AA-

Revenue structure (%)



External revenues (€ mn)	44,431	+0.9%
EBIT adjusted (€ mn)	1,837	-13.0%
EBITDA adjusted (€ mn)	5,436	+14.7%
Gross capex (€ mn)	13,093	+16.8%
Employees (FTE, as of Dec 31)	323,944	+1.7%

Integrated rail system



Mobility, transport, freight services and rail infrastructure in Germany

- 4,669 mn rail and bus passengers
- 12.8 mn rail and bus passengers/day

22,008	+1.8%
1,023	-21.8%
3,616	+4,5%
11,713	+10.4%
195,460	+3.1%

DB Schenker



Intelligent logistics services via land, air and the sea

- 107 mn shipments
- 1.2 mn t air freight
- 2.3 mn TEU ocean freight
- 8,4 mn m² warehouse space

17,018	+0.3%
538	+7.0%
1,082	+53.9%
662	+142%
76,153	+0.4%

DB Arriva



European-wide mobility services

- 2,214 mn rail and bus passengers
- 6.1 mn rail and bus passengers/day

5,405	-0,5%
289	-3.7%
752	+30.8%
718	+120%
52,331	-1.4%

Successfully developed transport networks ensure top market positions

(1) DB Group in Germany



No. 1 (>99%¹⁾)
Long-distance rail passenger transport



No. 1 (~64%²⁾)
Local rail passenger transport



No. 1 (~18%¹⁾)
Bus transport (regional)



No. 1 (~44%³⁾)
Rail freight transport

(2) DB Group in Europe



No. 2
Long-distance rail passenger transport



No. 1
Local rail passenger transport



No. 3
Bus transport



No. 1
Rail infrastructure



No. 1
Rail freight transport



No. 1
Land transport

(3) DB Group worldwide



No. 4
Air freight



No. 4
Ocean freight



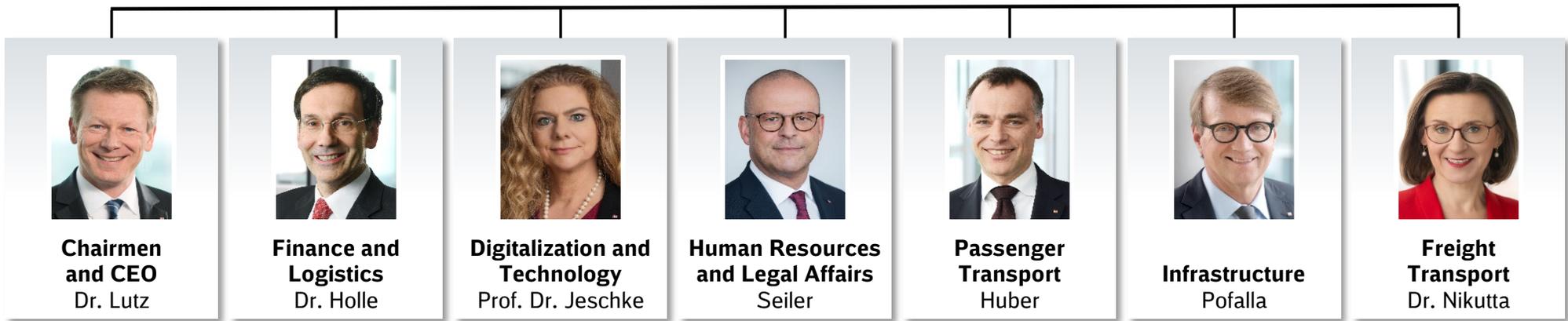
No. 5
Contract logistics/SCM

As of 2019, market positions based on revenues.

¹⁾ Based on passenger kilometers. ²⁾ Based on train kilometers. ³⁾ Based on ton kilometers; preliminary figures.

Dr. Levin Holle CFO since February 1, 2020 – Sigrid Nikutta responsible for freight transport since January 1, 2020

Deutsche Bahn AG



Inter-national business

DB Schenker (Thewes)	
DB Arriva (Cooper)	

Integrated Rail System

DB Long-Distance (Dr. Peterson)		DB Netze Track (Sennhenn)		DB Cargo (Dr. Nikutta)	
DB Regional (Dr. Sandvoß)		DB Netze Stations (Koch)			
		DB Netze Energy (Schein)			

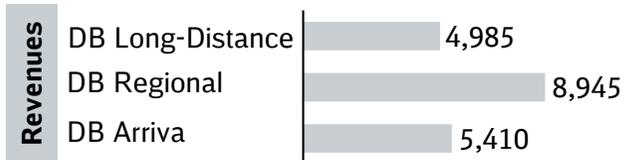
DB Group operates in every segment of the transport market with its eight business units

Passenger Transport



- **DB Long-Distance**
Long distance rail passenger transport¹⁾
- **DB Regional**
Regional and local passenger transport in Germany
- **DB Arriva**
Regional and local passenger transport in Europe²⁾

2019 (€ mn)

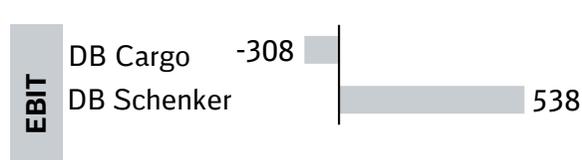
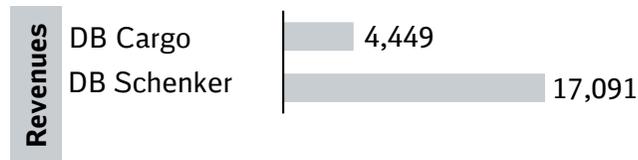


Freight Transport and Logistics



- **DB Cargo**
German and European rail freight
- **DB Schenker**
World-wide freight forwarding and logistics services

2019 (€ mn)

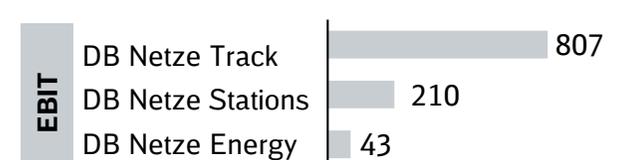
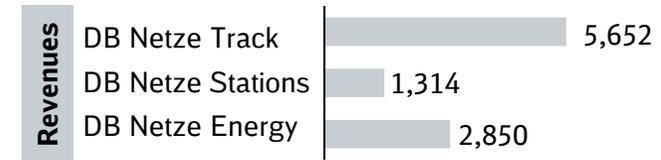


Infra-structure



- **DB Netze Track**
Rail network
- **DB Netze Stations**
Passenger stations
- **DB Netze Energy**
Energy supply

2019 (€ mn)



¹⁾ In Germany and cross-border transport. ²⁾ And long-distance rail transport in the UK, through CrossCountry.

DB Long-Distance runs a network of long-distance commercial rail passenger transport services centered on Germany



DB Long-Distance (2019)

Revenues	€ 4,985 mn
EBIT	€ 485 mn
Employees (FTE)	17,289
Volume sold	44,151 mn pkm
Passengers	148.6 mn
Fleet	243 ¹⁾ / 289 ²⁾
Avg. dist. traveled	291.6 km

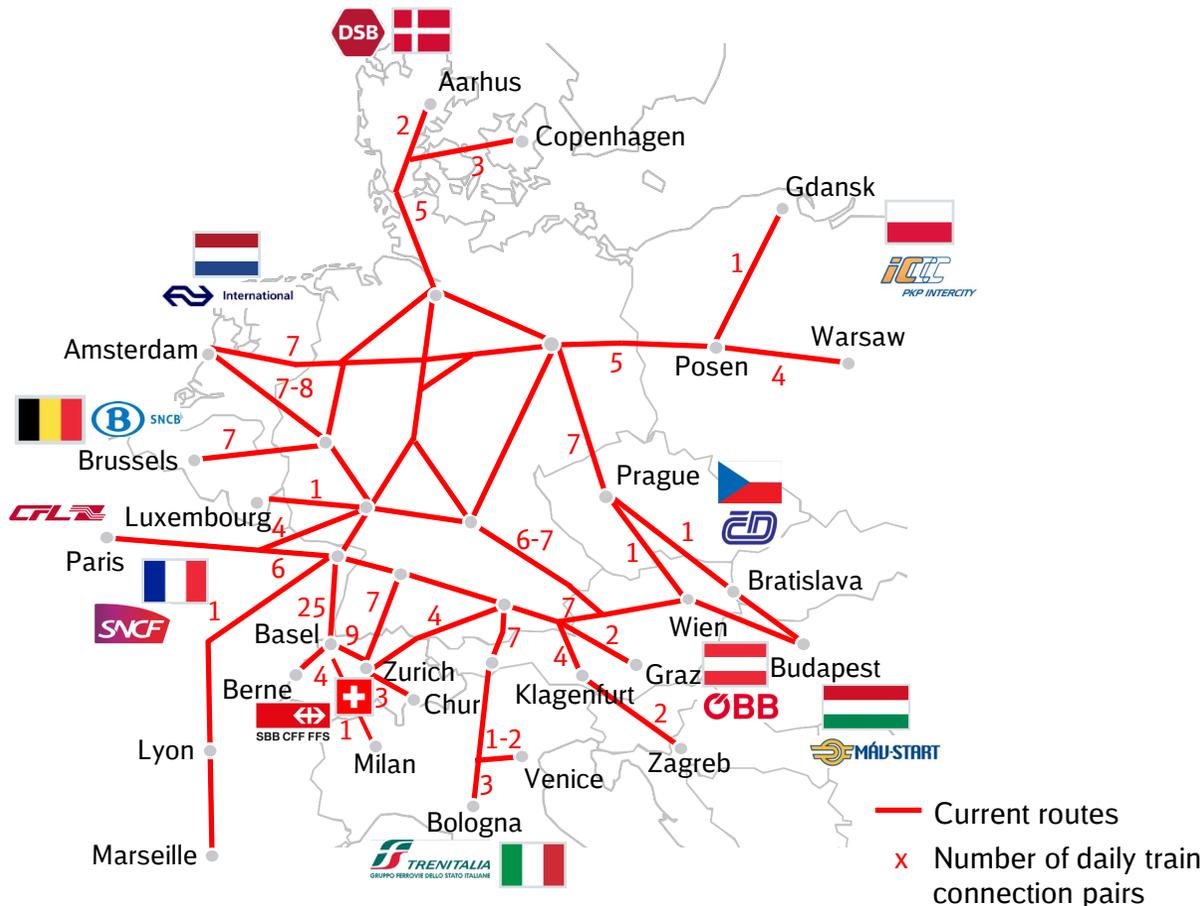
¹⁾ Locomotives ²⁾ ICEs

Profile

- DB Long-Distance provides fast, comfortable, convenient and eco-friendly travel within Germany and to and from its neighboring countries on a purely commercial basis.
- Daily scheduled ICE, IC and EC services are the backbone of the DB Long-Distance portfolio.
- DB Long-Distance is progressively increasing and modernizing its fleet, in particular with more and longer ICE 4 trains, IC 2 trains and ECx trains.
- Connections to the islands of Sylt and Wangerooge are also offered.
- With its high percentage of renewable traction power, new energy-efficient trains and a completely carbon-neutral ICE maintenance depot, DB Long-Distance is committed to sustainability. The percentage of journeys run on green power is 100%.
- The BahnCard discount card, with five million holders, is the most important customer loyalty tool at DB Long-Distance.
- Successful growth and capex strategy with more than 20 mn additional customers per year since 2015.

DB Long-Distance: Long-distance rail network connections with European neighbors

Market overview for DB Long-Distance



Significant characteristics

- Market liberalization in many countries is not yet advanced, so often only cross-border connections in cooperation with the national railways can be offered.
- DB Long-Distance links the most important neighboring cities with point-to-point connections from the German network.
- Above-average growth. In the last 10 years the international revenue has grown by more than 75%.

DB Regional offers on-time, reliable and eco-friendly regional transport service for nearly seven million passengers each day



DB Regional (2019)

Revenues	€ 8,945 mn
EBIT	€ 408 mn
Employees (FTE)	36,374
Volume sold	47,908 mn pkm
Passengers	2,507 mn ¹⁾
Fleet	4,843 ²⁾ / 11,520 ³⁾
Avg. dist. traveled	19.1 km

Profile

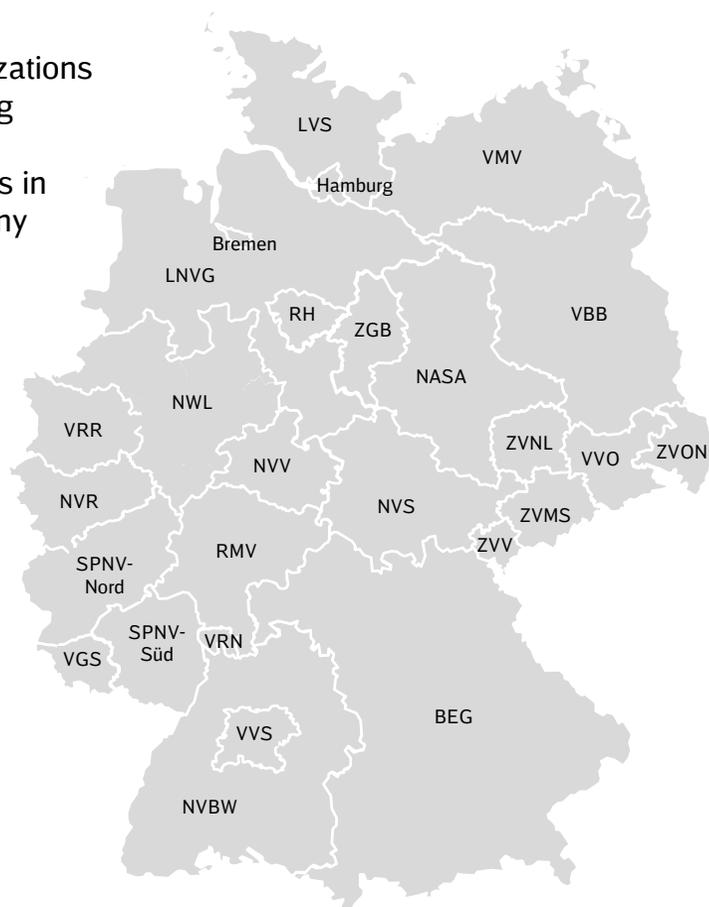
- DB Regional Trains is commissioned by local transport authorities to offer rail passenger transport tailored to regional and local needs and is market leader in local German public transport. Its services cover both urban transport in high-population areas and regional transport in lower-population areas.
- The 27 contracting organizations in Germany use competitive tendering to select operators for regional and local rail passenger transport service.
- These public service obligation (PSO) services are financed by concession fees and ticket sales.
- The predominant model in Germany is based on gross-cost contracts, in which ticket sales go straight to the ordering organization, who then compensates the operator in full for the PSO services offered.
- DB Regional Bus offers both commercial and PSO services on the regional bus market in Germany.
- There are over 400 local transport authorities responsible for public road transport, and services are increasingly being awarded in competitive tenders.

¹⁾ Including 1,940 mn rail passengers. ²⁾ Locomotives (871) and multiple units (4,077). ³⁾ Buses (including 4,969 of DB Regional's own).

DB Regional: 27 ordering organizations order local rail passenger transport services

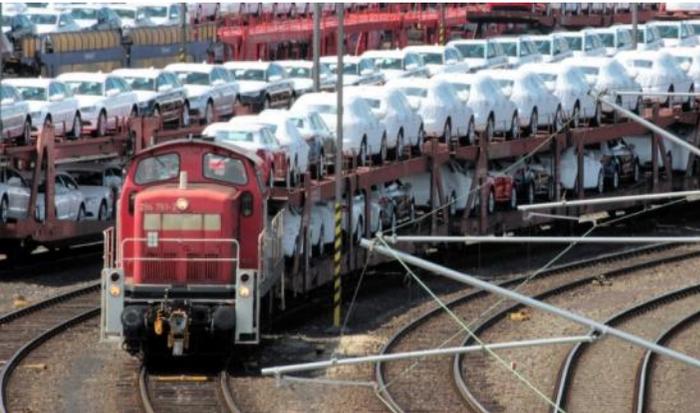
Market overview for DB Regional Rail

Organizations ordering LRPT¹⁾ services in Germany



- In 1996 responsibility for local rail passenger transport (LRPT) was transferred from the German government to the Federal states.
- To finance this, the Federal Government makes regionalization funds (2019: € 8.65 bn, 2020: € 8,95 bn) available to the Federal states.
- 27 client organizations order LRPT services from train operating companies on behalf of the states.
- Market volume is about 684 mn train km in 2019.
- The market in Germany is completely liberalized. With a market share of 65% in 2019 DB Regional is the backbone of the LRPT market.

DB Cargo has a strong European network and is the number one in European rail freight transport



DB Cargo (2019)

Revenues	€ 4,449 bn
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EBIT	€ -308 m
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Employees (FTE)	29,525
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Volume sold (tkm)	88,005 bn
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Freight carried	232 mn t
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Fleet (locos/cars)	2,680 / 82,685
--------------------	----------------

Avg. transport dist.	379.3 km
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Profile

- With about 4,200 private customer sidings in Europe, DB Cargo offers its customers access to one of the world's largest rail networks.
- DB Cargo's international network follows the major European rail freight corridors.
- DB Cargo offers European rail transport in the form of block train, single wagonload and multimodal services.
- Tailor-made transport and logistics solutions are also available as additional services that can link the rail mode with road (trucking) and ocean freight service.
- DB Cargo's customers are primarily key accounts.
- Target customers are:
 - In the segment of bulk logistics: Building material, fertilizer, metal and coal industry.
 - In the segment of industrial and commercial logistics: Automotive, chemical, petroleum, consumer goods, pulp and paper industries.
 - In the segment of combined transport: Operators, freight forwarders and shipowners.
- Most of DB Cargo's services are carried out using its own fleet of locomotives and freight cars.

DB Cargo offers a wide range of services and industry products, supplemented with additional services

Core products



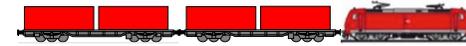
Block train transport

For transporting large volumes within the European transport network



Single car transport

For transporting small to mid-size volumes within the European transport network



Combined transport

Combines rail transport with other modes, including first and last mile by road and terminal handling

Additional services



Door-to-door logistics services

Door-to-door transport and logistics solutions



Rail logistics

Intermodal logistics solutions, including Railports



Sidings

Set up and maintenance of private sidings



Maintenance

Range of operational maintenance services (locomotives, wagons)



Eco Plus

Entirely carbon-free transport of goods

Three decisive factors shape the business model of DB Cargo

Our network



- International network alongside the major European rail freight corridors.
- Comprehensive Europe-wide access.
- Transport possible without own private siding in combination with rail ports.
- High-frequency, reliable connections.

Our customer



- Bulk logistics: Building material, fertilizer, metal and coal industry.
- Industrial and commercial logistics: Automotive, chemical, petroleum, consumer goods, pulp and paper industries.
- Combined transport: Operators, freight forwarders and shipowners.

Our fleet



- With 82,685 cars and 2,680 locomotives, DB Cargo has the largest rail fleet in Europe and is a leader in the automation and digitization of rolling stocks.
- DB Cargo will put new innovations into practice to improve its transport products:
 - Intelligent main-line locomotives
 - Intelligent freight wagons
 - Use of modular freight wagons
 - Whisper brakes

DB Netze Track is Europe's number one track infrastructure provider



Revenues	€ 5,652 mn
EBIT	€ 807 mn
Employees (FTE)	48,787
Train-path km	1,089 mn
Line operated ¹⁾	33,291 km ²⁾
Switches ¹⁾	65,939
Bridges ¹⁾	25,129

Profile

- DB Netze Track is responsible for the rail network and all the infrastructure necessary for operations.
- It ensures non-discriminatory network access for all authorized rail companies, local and regional passenger transport authorities, and freight forwarders and consignors.
- DB Netze Track's seven operations centers and one network control center keep rail service in Germany running smoothly 365 days a year.
- DB Netze Track's core responsibilities also include preparing train schedules in close partnership with customers, managing operations and construction, and providing maintenance service.
- Train path products are the most important source of revenues for DB Netze Track.
- Track access charges are set in a transparent train path pricing system regulated by the Federal Network Agency.
- DB Netze Track coordinates 73,000 regular train path requests in its working timetable, and roughly 1,000,000 ad hoc requests from the freight transport sector in particular.
- Focusing new line and line upgrade projects on removing infrastructure bottlenecks and creating additional capacity for transport growth along core routes and in urban areas will be crucial for further growth.

¹⁾ Including Infra Silesia S.A. and UBB Usedomer Bäderbahn GmbH. ²⁾ Including 20,286 km powered by electricity.

DB Netze Stations is the largest operator of rail stations in Europe



DB Netze Stations (2019)

Revenues	€ 1,339 mn
EBIT	€ 220 mn
Employees (FTE)	6,216
Station stops	153 mn
Stations	5,384
Platforms	~9,500
Passenger info	13,100 ¹⁾

¹⁾ 6,100 passenger information systems and roughly 6,700 dynamic displays.

Profile

- In addition to its core business of developing and operating rail stations, DB Netze Stations also offers a variety of services at and around stations for customers and visitors ensuring that stations are pleasant places in which to spend time.
- It links diverse transport-related services and ensures that stations are pleasant places in which to spend time.
- DB Netze Stations is also one of the largest landlords for commercial real estate in Germany, with over 1 million m² of leasable space.
- Each day, its stations are served by more than 410,000 trains operated by some 100 rail companies, and used by roughly 20 million passengers and visitors.
- DB Netze Stations earns its revenues from station access charges (regulated in the station pricing system by the Federal Network Agency) and commercial property leases (not regulated).
- To ensure high quality, DB Netze Stations focuses on safety, service, and station cleanliness, with its Triple-S centers.
- Station access fees account for roughly 70% of total revenues.

DB Netze Energy is the utility company for DB Group and one of the largest power providers in Germany



DB Netze Energy (2019)

Revenues	€ 2,812 mn
EBIT	€ 43 mn
Employees (FTE)	1,772
Traction power ¹⁾	7,986 GWh
Stationary Power ²⁾	14,932 GWh
Diesel	410.6 mn liters
Traction power grid	7,936 km

¹⁾ 16.7 Hz and DC. ²⁾ 50 Hz and 16.7 Hz.

Profile

- DB Netze Energy offers the entire range of energy products for traction as well as stationary power supply for property in Germany.
- These commodity portfolio includes traction power and diesel for rail traffic, and electricity, gas and heat for DB Group's stations and other buildings.
- DB Netze Energy also offers a broad range of electricity and natural gas products to industrial and commercial customers throughout Germany.
- Energy consulting and technical services enhance the commodities offered.
- DB Netze Energy is operator for the nationwide high-voltage traction power grid, offering non-discriminatory use to all railway companies.
- Network charges are regulated by the German Federal Network Agency.
- DB Netze Energy furthermore operates the nationwide network of diesel refueling stations for trains.
- DB Netze Energy continually raises the share of renewables in its traction current (2018: 57.2%).

The public rail infrastructure is clearly allocated to one of the three infrastructure business units

DB Infrastructure

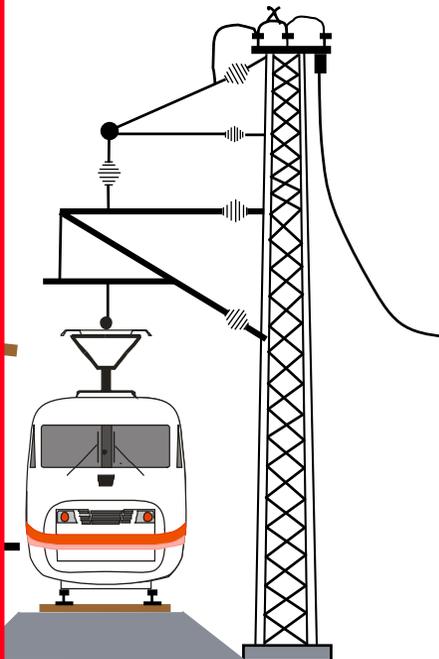
DB Netze Stations

DB Station&Service AG



DB Netze Track

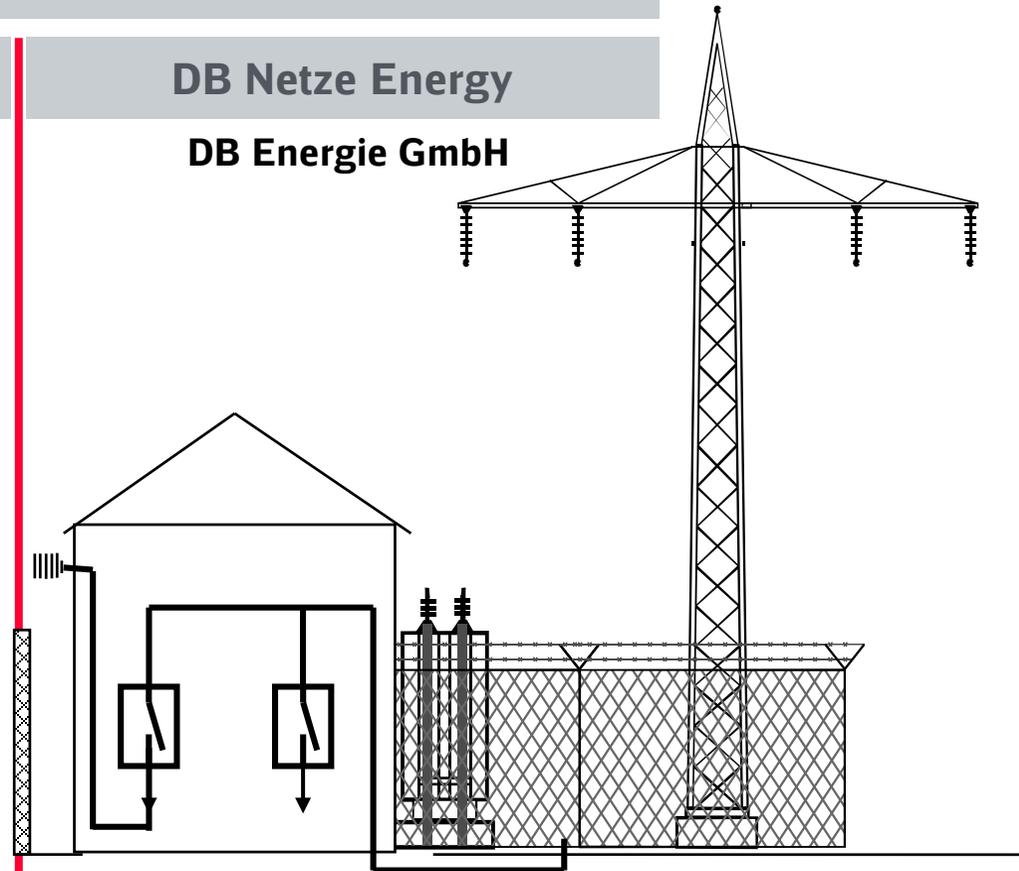
DB Netz AG



Excluding rolling stock from train operating companies (TOCs).

DB Netze Energy

DB Energie GmbH



DB Arriva - the foundation for DB Group's passenger services outside Germany



Profile

- DB Arriva is the foundation for DB Group's passenger services outside Germany (with the exception of cross border long-distance services).
- DB Arriva offers a broad range of transport services in 14 European countries with 16,390 buses and 773 trains (light and heavy rail), 4 waterbuses and 540 car-share cars.
- DB Arriva is usually commissioned by regional and national authorities or other parties ordering transport services.
- DB Arriva runs both commercial and PSO services, generating the majority of its revenues with the latter.
- UK Trains is a leader on the UK rail passenger transport market.
- UK Bus is one of the largest providers of urban and regional bus transport in the UK.
- Mainland Europe operates a range of transport services in continental Europe.
- DB Arriva's vision is to be the mobility partner of choice.

DB Arriva (2019)

Revenues	€ 5,410 mn
EBIT	€ 289 mn
Employees (FTE)	52,331
Volume sold (rail)	12,617 mn pkm
Volume sold (bus)	1,065 mn bus km
Passengers	2,214 mn ¹⁾
Fleet	1,201 ²⁾ / 16,390 ³⁾

¹⁾ Including 480 mn rail passengers. ²⁾ Locomotives (18) and multiple units (1,183). ³⁾ Buses (including 15,782 of DB Arriva).

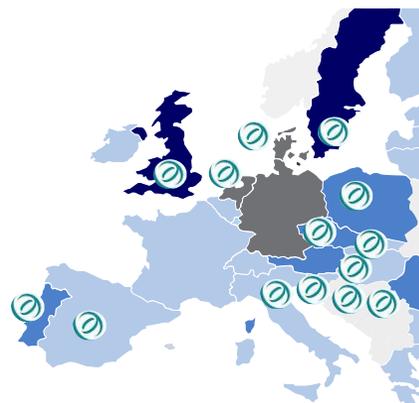
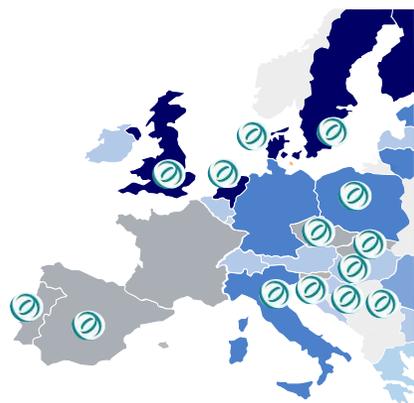
DB Arriva: large footprint with a presence in 14 European countries

Market overview DB Arriva

Bus



Rail



Significant characteristics

- Europe sees varying degrees of liberalization.
- Heterogeneous markets throughout Europe – in terms of both market liberalization and competition – complete liberalization means a redistribution of contracts.
- DB Arriva is already well-established in 14 markets with 16,390 buses and 773 trains (light and heavy rail), 4 waterbuses, 540 car share cars and 350 bikes (as of December 31, 2019).
- Thanks to its diversified portfolio, DB Arriva is well positioned for further market opening (broad geographical coverage, various modes of transport and business models).
- DB Arriva has proven its ability to generate profitable growth in the past.

DB Schenker offers global transport and logistics solutions

– by land, ocean and air



DB Schenker (2019)

Revenues	€ 17,091 mn
EBIT	€ 538 mn
Employees (FTE)	76,159
Shipments	107,132 mn
Air freight volume	1,186 mn t
Ocean freight volume	2,294 mn TEU ¹⁾
Warehousing space	8.4 mn m ²

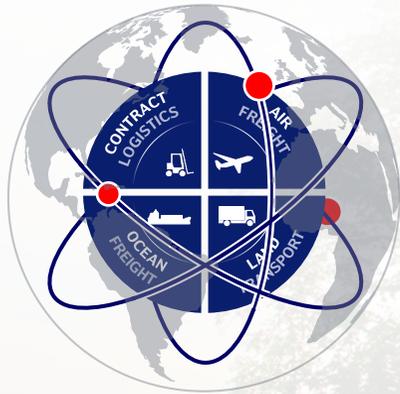
Profile

- As an integrated transport and logistics provider, DB Schenker serves both established and emerging markets, with a global network in more than 140 countries.
- DB Schenker's dense land transport network links the most important economic centers in Europe.
- DB Schenker is one of the world's leading air and ocean freight providers, offering a full range of services in this segment.
- Its contract logistics portfolio serves every stage of the value chain: suppliers, manufacturers and dealers, customers, and spare part service.
- DB Schenker has a global customer base in a wide range of industries.
- It uses a vertical market approach to develop sector-specific solutions.
- In air and ocean freight, DB Schenker serves exclusively as a freight forwarder, without its own planes or ships; in land transport, however, it relies in part on its own vehicles and swap bodies.
- Effective IT support and digital solutions play an especially important role.

¹⁾ Twenty-foot Equivalent Unit.

DB Schenker has a broad global customer base and an asset-light business model

Network business



- Size is key for a high supply density and for economies of scale when purchasing transport capacity.
- Door-to-door solutions thanks to a global presence in more than 140 countries.

Broad customer base



- Approximately 700,000 customers with a wide range of industries.
- Large anchor customers and small/medium-sized customers.
- Wide range of customers/industries makes business less prone to crisis.

Asset-light business model



- Own vehicles and swap bodies only in parts of land transport.
- Predominately leased logistics locations.
- Asset-light business model creates flexibility.

DB Schenker possesses a global network for air and ocean freight solutions

Air Freight



- No. 4 worldwide
- Global presence with 700 sites worldwide
- Worldwide network with regional hubs
- Organization of "door-to-door" transports
- > 1000 dedicated charter flights p.a.
- > 1.2 mn t air freight volume (exports) 2019

Ocean Freight



- No. 4 worldwide
- Global presence with 600 sites worldwide
- Organization of "door-to-door" transport services
- 460 direct point-to-point Schenker services
- 2.3 mn TEU (exports) ocean freight volume in 2019

- Preferred-carrier strategy
- Connect4: online door to door quotes, bookings, schedules and tracking
- Paperless transport (digital transport documentation)
- DB Schenker sky bridge (combined air and sea traffic)
- Supply chain solutions (value added services)

DB Schenker takes advantage of market opportunities in contract logistics

Contract logistics

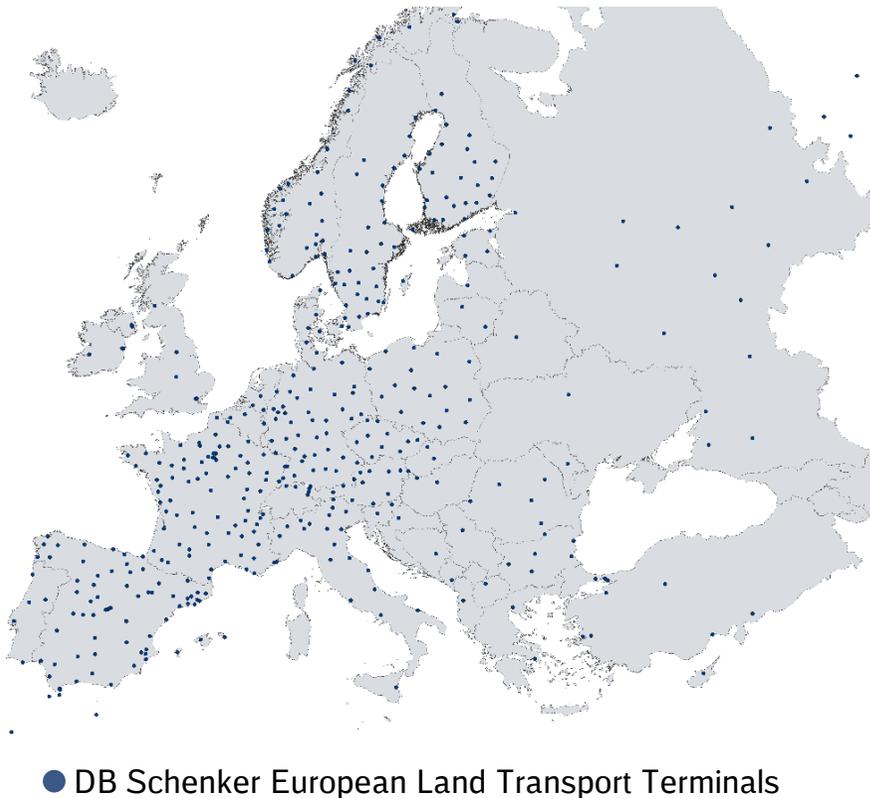


- No. 5 worldwide¹⁾
- Global presence in over 56 countries
- Around 750 locations overall
- 8.8 mn m² warehouse space
- Products along the supply chain: procurement – warehousing – fulfillment – value-added services – aftermarket/reverse
- Focus on industry branches:
 - Automotive
 - Consumer
 - Electronics
 - Healthcare
 - Industrial

¹⁾ Based on revenues.

No other provider links as many places in European land transport as DB Schenker

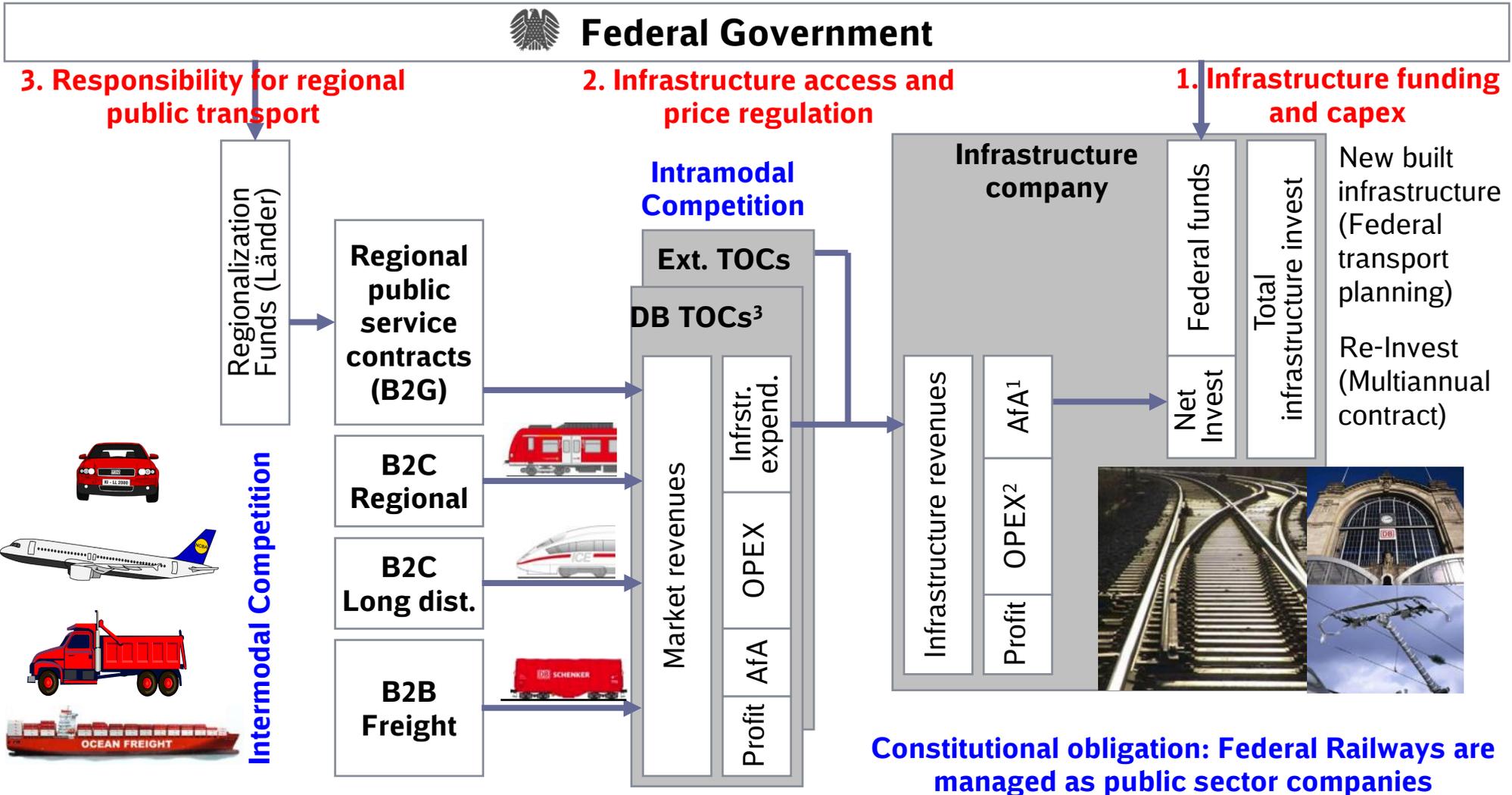
Land Transport network - Europe



Competitive advantage

- Fully integrated network with 430 own operational branches in 38 countries.
- 105 mn shipments in European Land Transport in 2019.
- Fleet of about 31,000 trucks.
- Daily departures to all European terminals.
- About 40,315 scheduled services per week.
- Defined door-to-door lead times.
- Transparency through eServices, e.g., timely customer information through tracking.

Big Picture: Finance and regulation at a glance



¹) Depreciation of fixed assets. ²) Operating expenses. ³) Train operating companies.

DB Group is active in market segments with independent commercial services and publicly mandated services

 Independent commercial services
 Publicly mandated services



Passenger Transport

Long-distance transport services

- Direct competition, above all, with cars and airplanes
- End-customer business
- Intensive level of fixed assets

Local public transport services

- Contracted services, tender competition
- Customers here are both the contracting organization¹ as well as the passenger (end-customer)
- Intensive level of fixed assets

Freight transport and logistics

Rail freight transport services

- Rail competes directly with other modes of transport
- Big customer business, clear sector focus
- Intensive level of fixed assets
- Train-path price support since 2018

Freight forward. and logistical services

- Direct competition (world-wide)
- Full service forwarder, large customer base, broad mix of industries
- Less intensive level of fixed assets

Infrastructure

Provision of infrastructure

- No competition, monopoly position in regulated markets, public-sector contracts for reliable and efficient provision of infrastructure at competitive prices
- Customer: Carriers (derived demand)
- Very intensive level of fixed assets

¹⁾ Contracting organizations can be states, state-run enterprises, transport associations, or regional bodies.

The German Constitution sets legal grounds to organize DB Group as a private sector company

Art. 87e Basic Law

(3) Federal railways shall be operated as enterprises under private law. They shall remain the property of the Federation to the extent that their activities embrace the construction, maintenance and operation of the tracks. The transfer of Federal shares in these enterprises under the second sentence of this paragraph shall be effected pursuant to a law; the Federation shall retain a majority of the shares. [...]

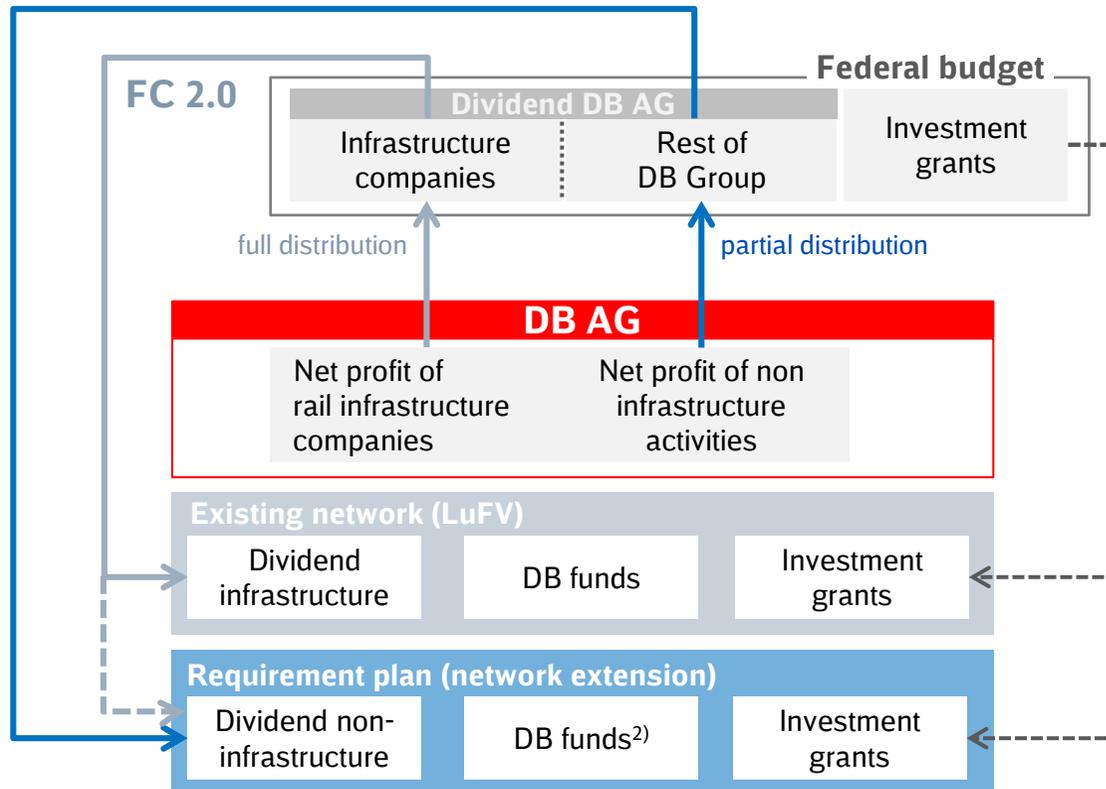
(4) The Federation shall ensure that in developing and maintaining the Federal railway system as well as in offering services over this system, other than local passenger services, due account is taken of the interests and especially the transport needs of the public. Details shall be regulated by a Federal law.

Rail infrastructure financing in Germany

- profits of rail infrastructure companies will be reinvested

Financing circle (FC)

FC 1.0¹⁾



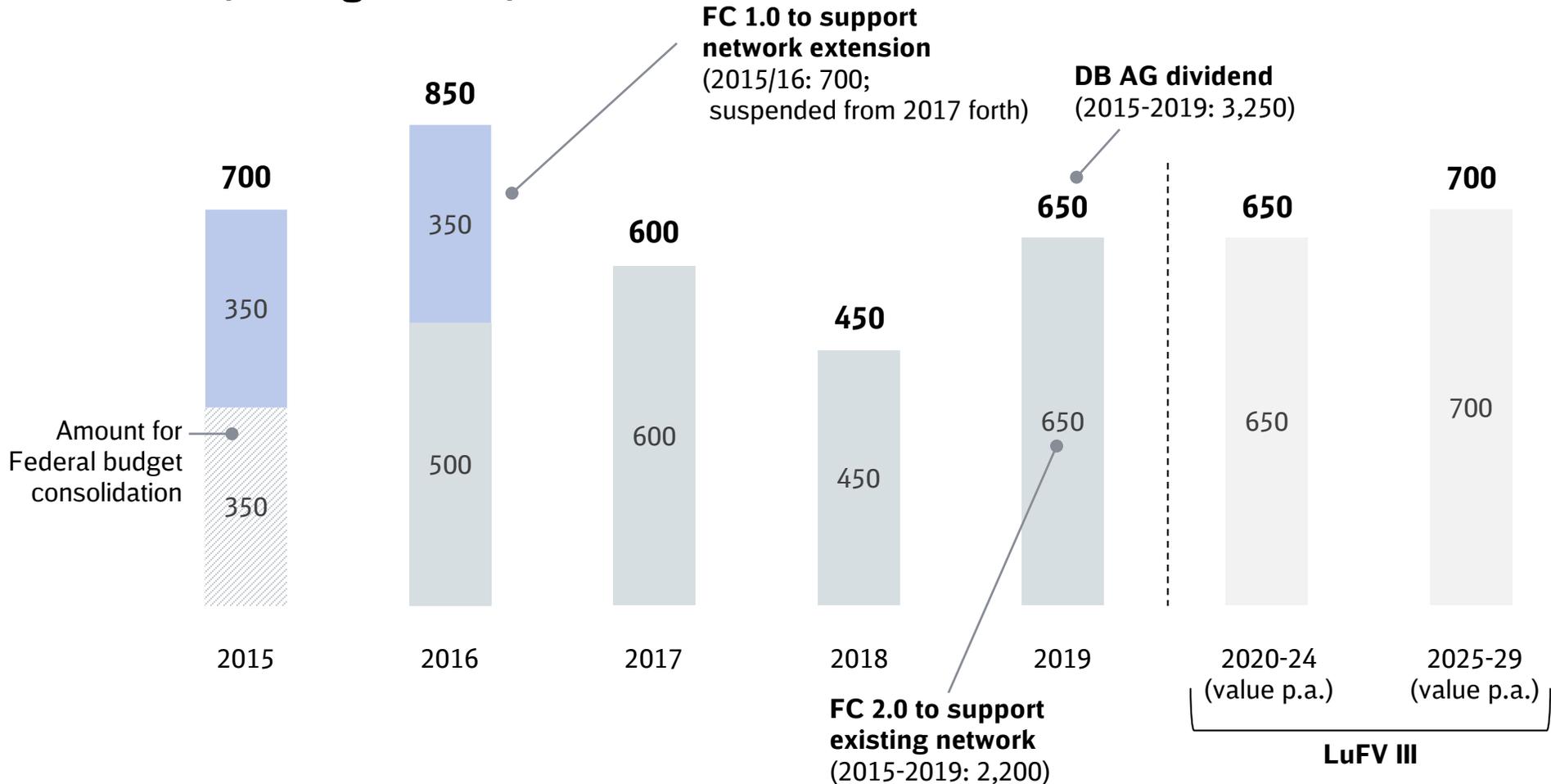
- Closed financing circle for the infrastructure, meaning that all profits of DB AG rail infrastructure companies will be reinvested in the infrastructure.
- **FC 2.0:** Net profit of the rail infrastructure companies will be fully paid out to the Federal Government as part of the dividend of DB AG in the first step and then paid back to DB Group as non-repayable investment grants for existing network capex.
- **FC 1.0:** The net profit of the non-infrastructure activities of DB Group is paid out partly as dividend to the Federal Government, and afterwards paid back as construction grants to DB Group for the network extension. The profits of the non-infrastructure activities of DB Group are thus involved in co-financing in the construction and extension. The rest is used to finance growth projects.

¹⁾ FC 1.0 is officially suspended since the LuFV III came into force. ²⁾ DB funds include capex and expenses (for instance maintenance in the existing network, project expenses in the requirement network). DB funded capex in the existing network is limited to measures, that are not suitable for grants.



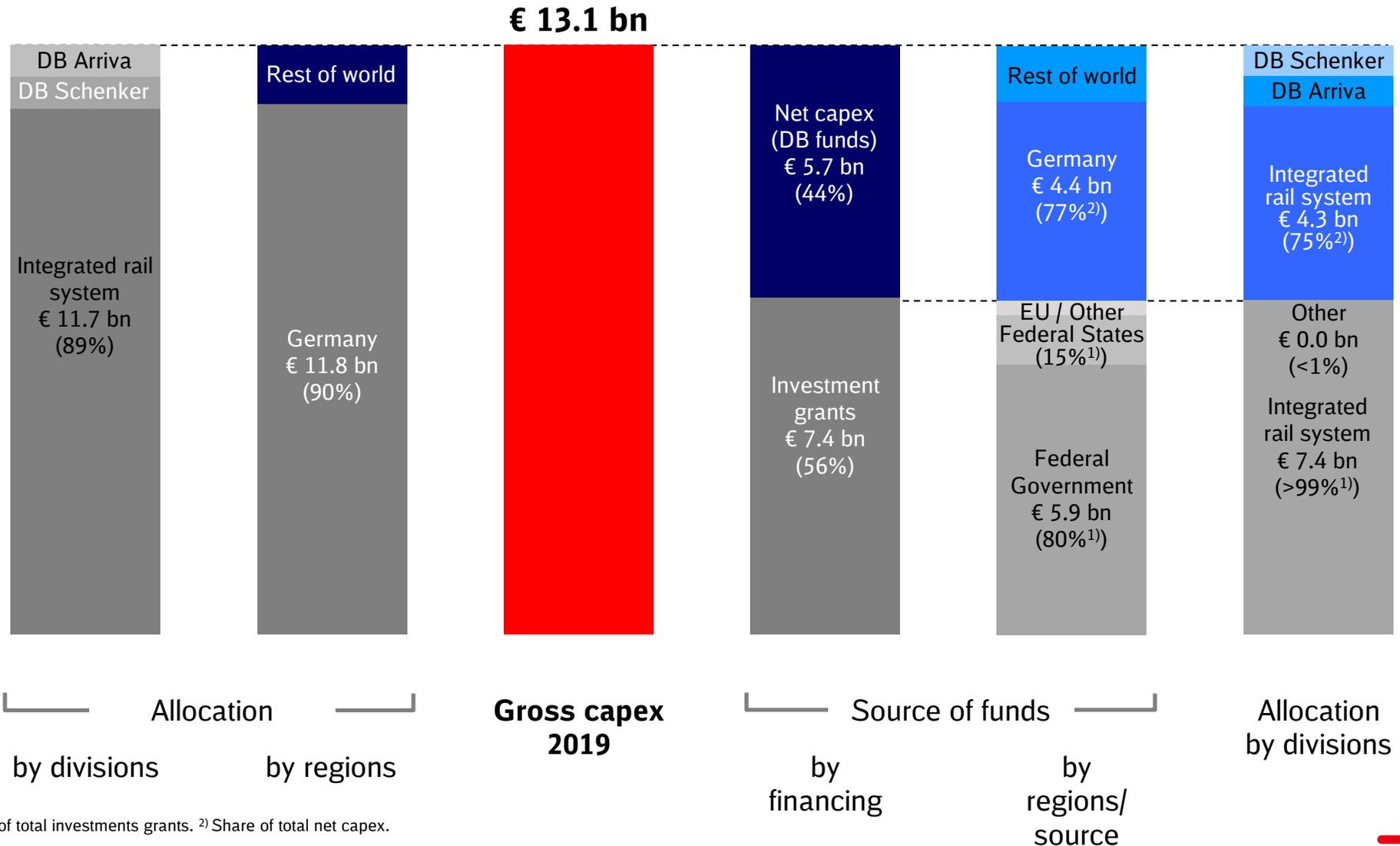
Rail infrastructure financing in Germany - DB AG dividend will be fully used for infrastructure investment grants

Split of DB AG dividends in financing circle (FC) 1.0 (network extension) and FC 2.0 (existing network) (€ mn)





Gross capex mainly financed by investment grants, share declined due to high volume of rolling stock capex



¹⁾ Share of total investments grants. ²⁾ Share of total net capex.

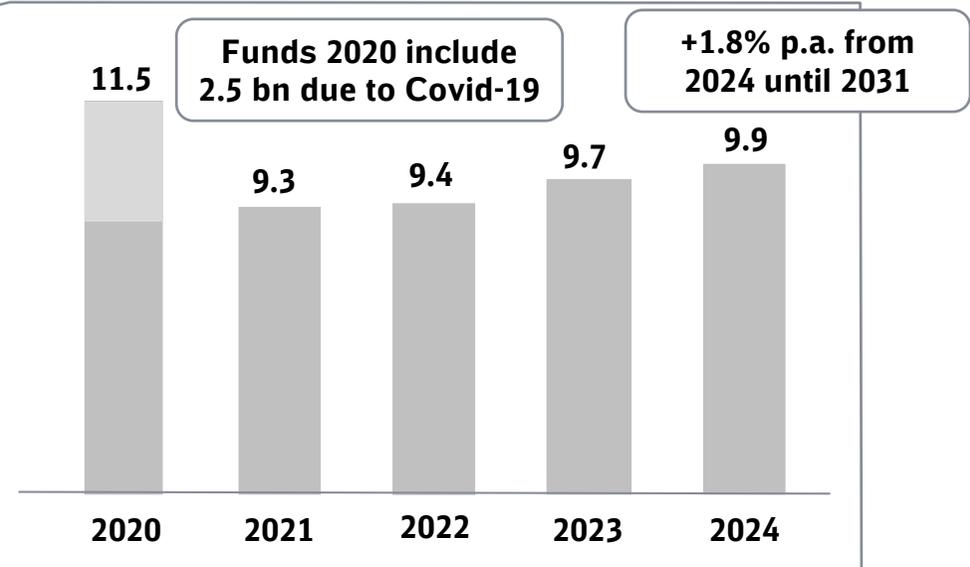
German regional rail market is subject to service contracts and concession fees

Funding of regional passenger rail transport

Regional passenger rail transport



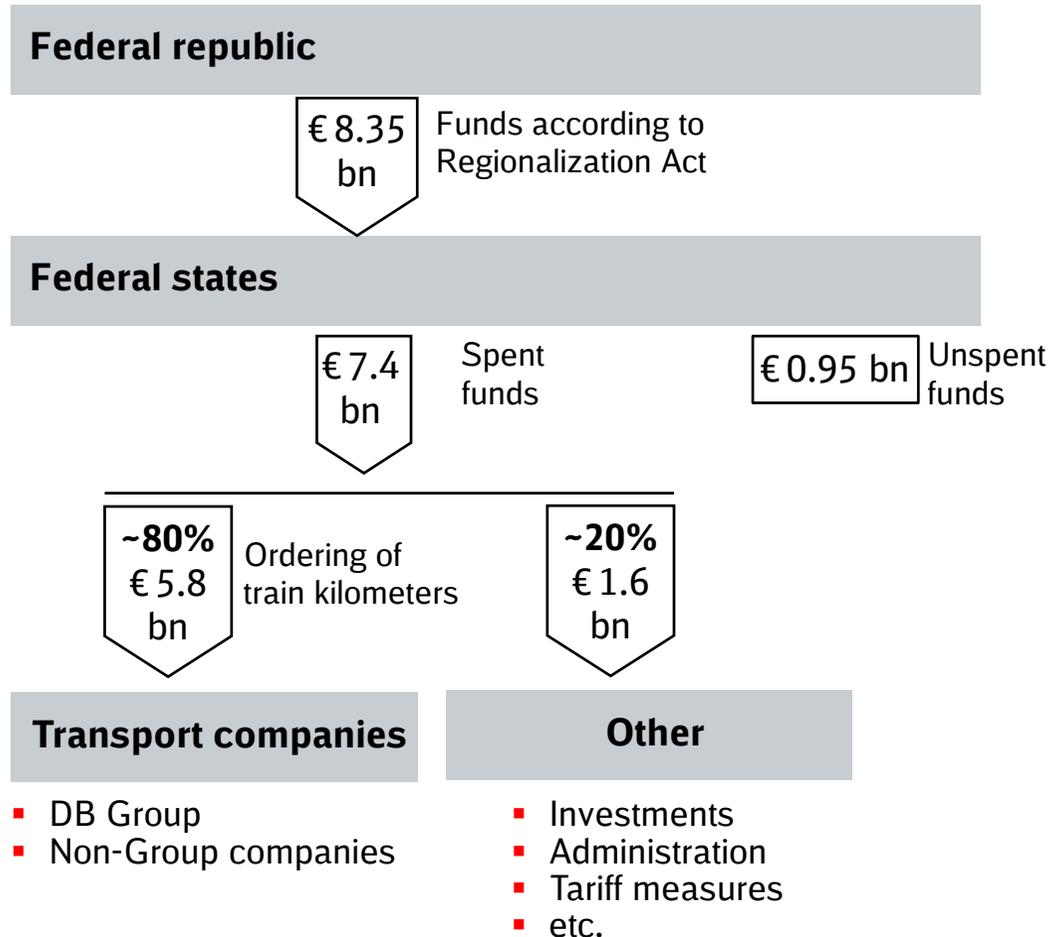
Federal budget for funding regional and urban passenger transport (€ bn)



- Federal states receive annual funds to warrant regional passenger rail transport.
- Service definitions and fees are subject to contracts between regional authorities and operators.
- Contracts are tendered or negotiated competitively.
- By law, Federal states are required to use funds for regional and urban transport, these funds are predominantly used for concession fees.
- Total funds increase constantly by 1.8% until 2031, extraordinary increases 2020-2024 derive from Climate Action Program; additional one-time increase 2020 (2.5 bn €) for compensation of Covid-19 effects.

Financing of regional transport services is based on a Federal law

Allocation of regionalization funds 2017¹⁾ (€ bn)



Financing of regional rail transport

- The Federal states use the regionalization funds to order services in regional rail transport from transport companies (train kilometers).
- The other part of the regionalization funds is used to:
 - Support projects (e. g. investments in rolling stock and track infrastructure)
 - Financing of the organization/administration of regional rail transport (e.g. ordering organizations)
 - Balance of losses resulting from tariff measures
- Transport companies have to finance the modernization of their rolling stocks mainly from their revenues. In most of the tender processes the operation of new rolling stock is required.
- The efficient use of the regionalization funds should be secured by competition processes (mostly tenders).

¹⁾ Based on the report by the Federal Government on the use of regionalization funds by the Federal states in 2017 published in September 2020.

A1 DB Group

A2 Strategy

A3 H1 2020 Financials

A4 Sustainability

A5 Track Record

A2

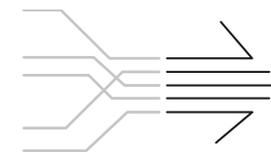
Germany's fastest climate protector



We are fully focused on our Strong Rail strategy



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.



That's why we set up our focus:

1 The Strong Rail strategy is the driver of our actions.

Deutsche Bahn will be only guided by our aspiration of a Strong Rail in the future: As an integrated Group, with respective capital expenditures in capacity and digitalization, interlinked with partners from the sector and other modes of transport, for long-term growth and high quality.

2 Europe remains our sphere of activity.

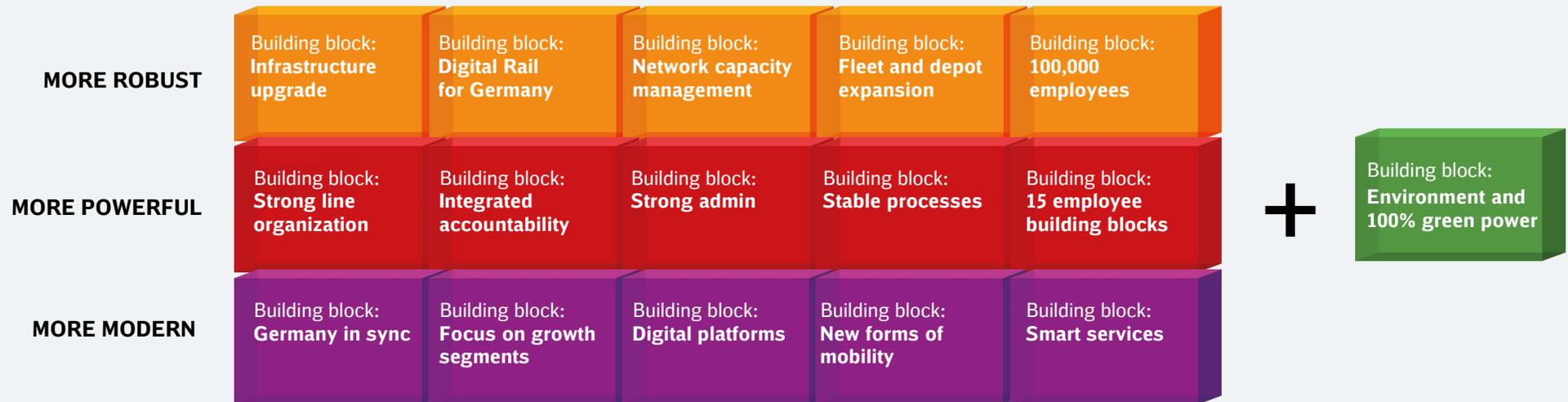
Due to the importance of the Strong Rail for Europe, Deutsche Bahn is working together with other European railways on the expansion of the European rail freight and long-distance network.

DB Regional will be focused with regard to international services on transports close to borders for the time being and will size opportunities arising from the European liberalization in the future as well.

3 Subsidiaries are measured by their contribution to the Strong Rail.

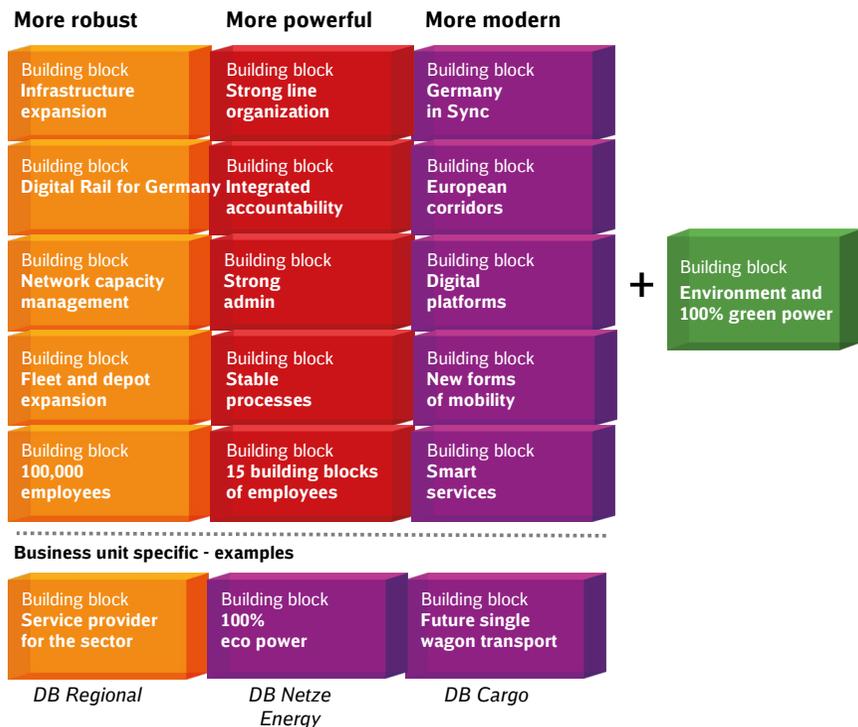
Deutsche Bahn manages its major subsidiaries with strategic importance for the Strong Rail unchanged as financial subsidiaries. Operational interventions are limited to the target of achieving synergies with the integrated rail system. Subsidiaries without strategic relevance for the Strong Rail will be evaluated and afterwards potentially sold.

This is how Deutsche Bahn lives up to its responsibility: The 15 building blocks of the strategy in an overview



The overall sector targets are the foundation of our DB targets. Building blocks are the basis for implementation and monitoring

15 + X building blocks



10 DB targets

Traffic shift

- 260 million passengers in long-distance
- +1 billion passengers in regional
- +70% volume sold in freight transport
- +>30% capacity in infrastructure

Customers

- Customer satisfaction >80 SI (long-distance), >75 SI (regional), >70 SI (DB Cargo)
- Punctuality > 85% (long-distance), >95% (regional), >77% (DB Cargo)

Employees

- Employee satisfaction >3.8

Climate

- 100% share of renewable energies

Financials

- Reasonable rate of return (ROCE of ≥6.5%)
- Financial stability (debt coverage of ≥20%)

3 sector targets

Passengers in rail transport
+100%

Market share rail freight transport
25%

Share of renewable energies
100%

Becoming more robust by implementing five key building blocks

Building block Infrastructure expansion

- Planned new and expansion projects will be realized consequently and as fast as possible.
- Additional smaller infrastructure measures improve the robustness in bottlenecks.
- As a result existing bottlenecks will be removed and capacities increased.

Building block Digital Rail for Germany

- The infrastructure will become more modern and thus strong through technological innovations.
- Digital Rail for Germany enables are further capacity increase, reduces traffic jams and creates the operational prerequisites for digital rail operations.
- Broad roll out of ETCS und digital interlockings enables a further higher traffic density and reduces malfunctions – at a stable high level of safety.

Building block Network capacity management¹⁾

- Our capacity consumption will be reduced through capacity-friendly construction.
- Time tables will be more in line with existing capacities through capacity-friendly operations. The utilization will be increased among others by harmonizing the speed profiles.
- PlanCorridor and PlanStart are first measures for a optimized utilization of existing capacities in bottlenecks.

Building block Fleet and depot expansion

- Fleet capacity will be extended by modernization of existing and capex in new vehicles.
- Maintenance capacity will be extended by expansion of our maintenance facilities.
- Maintenance efficiency will be improved by using sensors, AI-based processes und 3D printing technology.

Building block 100,000 employees

- In the next years we will be hiring at least 100,000 new employees.
- Therefore an end to end process for a dynamic demand assessment will be established, a comprehensive employer branding campaign will be conducted and the work of the future will be newly shaped.
- As a result our image as an attractive employer will be strengthened personnel bottlenecks, mainly in jobs critical for operations, will be avoided.

¹⁾ Including involvement of third parties.

Becoming more robust through more train-paths



Since the German rail reform rail transport volume increased by more than 20%. Now we are reaching our capacity limits: Roughly 5% of the network are overloaded, but roughly 70% of the volume sold in long-distance is impacted. That's why we are aiming for an increase of 350 million train-path kilometers, creating more than 30% additional capacity in the network. This will be reached through expansion, technological innovations and digitalization as well as an improved capacity management.

New construction and expansion of lines and hubs

For a mid- to long-term capacity increase of about 108 million train-path km

- **Capacity increase** with the support of politics, among others via implementation of Federal Transport Plan, smaller/middle measures and additional measures for Germany in Sync. Thus bottlenecks can be eliminated and growth enabled.
- **Extensive 740 m network and additional terminals** ease freight transport access to the rails.

Technological innovation and digitalization of the network

For a mid- to long-term capacity increase of about 100 million train-path km

- **Digital Rail for Germany** enables the technology leap of the infrastructure in the 21. century.
- **Broad roll out of ETCS and digital interlockings** reduces malfunctions and enables capacity gains of up to 20%.
- **Digital rail operations** increase capacity by up to 15% in the long-term.

Improved capacity management¹⁾

For a short to mid-term capacity increase of about 70 million train-path km

- **Capacity-friendly construction** reduces our own capacity consumption for the necessary modernization of the network.
- **Capacity-friendly operations** through a time table that is better aligned with capacity. The harmonization of speed profiles improves utilization.
- **Operating management** through PlanCorridor, PlanStart among others improved quality at major bottlenecks.

¹⁾ Including involvement of third parties.

Becoming more robust through more trains



DB Long-Distance delivers record levels of patronage, but quality and punctuality needs to be improved. One reason is that the utilization of the fleet has reached its limit and maintenance requirement has increased further. That's why it is necessary to increase fleet capacity to reach our target of about 260 million passengers p.a. At the same time the fleet at DB Regional and DB Cargo needs to be extended too.

Expansion of fleet capacity

For an increase of seat capacity by up to 100%

- **Through capital expenditures in new trains** we are expanding our fleet - in long-distance by 120 trains, in freight transport by more than 300 locomotives.
- **Longer trains and improved utilization** will increase additional capacity: In regional transport roughly 1,000 existing vehicles will be equipped with up to 12% more seats together with ordering organizations.

Expansion of maintenance capacity

For higher efficiency in our maintenance facilities

- **Through the extension of maintenance facilities** more capacity in line with the growth of our fleet will be created.
- **In long-distance** for more than 50% maintained ICE per day.
- **In regional transport** reduction of downtime during rush hours by 20%.

Digitalization and automatization of maintenance

For an additional increase of vehicle availability

- **Digital technologies:** Use of sensors, data analytic methods and digital optimization are key to reduce future maintenance work. For instance equipment of 68,000 freight cars with intelligent sensors.
- **Digital scans of trains,** intelligent diagnostic systems and AI-based automatized maintenance processes at long-distance to boost efficiency.
- **AI and IoT solutions** for a reduction of comfort malfunctions by 40% in regional transport.

Becoming more powerful by implementing five key building blocks

Building block Strong line organization

- The organization will be focused on one target system. Existing trade-offs will be solved and responsibilities sharpened.
- The effectiveness of the organization will be improved by the elimination of management levels, dissolution of redundancies and streamlining of management boards.
- Projects will be strictly focused on Strong Rail and limited in its number.

Building block Integrated accountability¹⁾

- Cross-business unit process will have one clear process owner in the future.
- This one process owner is responsible for the focus on customer value, the result and the continuous improvement of the process.
- The process owner is part of the line organization and connected with a direct reporting line to the Management Board.

Building block Strong admin¹⁾

- Strong admin in Finance and Controlling, Procurement, Human Resources and Technology and Digitalization set standards and realize economies of scale by bundling resources and competencies.
- They draw up binding quality guidelines at important interfaces, have a veto right in the case of non-conformance and a direct reporting line to the Management Board.
- They lead the respective functions at the business units with regard to their defined spectrum of responsibilities.

Building block Stable processes

- With the DB excellence system we establish a common language and a common method and tool box for process design and development.
- All 21 core processes of the integrated rail system will be optimized and standardized with this method box.

Building block 15 building blocks of employees

- DB employees will be involved in the change and shall develop and create their own building blocks.
- We are looking for 15 building blocks of employees, that mobilize DB Group and help to successful implement the 15 building blocks.
- The development will take place in employee forums and events – the Management Board is committed to implement them.

¹⁾ In compliance with regulatory framework conditions.

Becoming more powerful through a slim structure



Six business units, more than 70 legal entities and internal service providers, 9,500 organizational units: To keep a group of this size manageable, complexity needs to be reduced and the organization must be structured as clearly and simple as possible. Customer and employee focus must be restored. This is the only way to be flexible in stead of rigid, fast in stead of idle, strong and solution-focused. Mantra: We exclude everything the customer doesn't need.



Strengthening and easing of line organization

- **Elimination of trade-offs** through introduction of a common target system.
- **More effective management structures** through less management levels and dissolution of redundancies.
- **Stronger focus** through a reduction to a maximum of 100 top projects at the integrated rail system.

Establishment of strong integrated process owners¹⁾

- They align integrated processes with customer value.
- They are responsible for process results and integrate the targets into the objectives of the participants.
- They are part of the line organization and will be strengthened through a direct reporting line to the Management Board.

Strengthening of line organization¹⁾

- **Definition of binding standards** for processes and methods.
- **Definition of binding quality guidelines** at important interfaces.
- **Definition and management** of cross-business unit issues.
- **Realization of economies of scale** through bundling of resources and competencies.

¹⁾ In compliance with regulatory framework conditions.

Becoming more modern by implementing five key building blocks

Building block Germany in Sync

- Regional transport, long-distance transport, rail and bus will be aligned better across Germany.
- Hence travel time can be reduced and customer experience can be improved.
- On all major intra-German connections will be a train running twice a hour, to major European cities at least once a hour.

Building block European corridors

- In freight transport we strengthen the role of international corridors in line with Germany in Sync.
- Therefore we increase the frequency and enable seamless cross-border transport and create new services on the trans-Eurasian corridor between China and Europe.
- Regular departure times and outstanding service secure competitiveness of rail freight and help to acquire new customers in the long-term.

Building block Digital platforms

- We expand existing and establish new platforms to integrate our services and third-party services.
- Therefore we develop customized solutions for rail freight transport and passenger transport.

Building block New forms of mobility

- We supplement our core product mobility on the rails with new and innovative transport solutions.
- So we make possible seamless end to end transport and travel chains for our customers.

Building block Smart services

- Optimization of travel experience in long-distance, among others through improved travel information, for more self-determination during the journey as well as through personalized services.
- Innovative services in regional transport jointly with the sector for the customers – for instance Wi-Fi and innovative space and train concepts.
- New services in freight transport, for instance through further development supply chain solutions.

Becoming more modern through higher frequencies



It is key for customers to reach their destination simple, fast and convenient. Whether in passenger or in freight transport: Waiting time, missed connections and issues while switching the mode of transport should be reduced as much as possible. Therefore Deutsche Bahn must become faster, volume stronger, more multi-faceted and more intermodal.

In a fast frequency through Germany and Europe

- **Targeted extension of services** makes traffic on major long and mid distance connections faster and more frequently.
- **Additional direct connections and frequencies** connect until 2030 more than 30 German cities two-times per hour. The European railways expand their connections and hence together their services.
- **Additional 7 million people** and hence more than 80% of the German population have access to the long-distance network through the integration of small and mid-size cities, at least twice every hour.
- **In European rail freight transport** services will be extended on the major corridors in line with Germany in Sync and the number of daily cycle runs will be increased.

Extension of mobility services in local transport

- **Build up of a mobility portfolio** for urban and rural traffic through investments, own developments and partnerships.
- **Innovative transport services** extend urban and rural mobility: Ride pooling with cars, sharing of scooters.
- **Integration of these new services** into an even more efficient S-Bahn (metro) offering in conurbations.

Easing of the change of transport modes

- **Stations will become mobility hubs** offering a lot of different mobility services.
- **Charging infrastructure** for cars, e-scooter and pedelecs will be expanded.
- **100,000 new bicycle stands** at stations until 2022 from DB Group and Federal Government.
- **Vital centers of the city:** Eating, shopping or working – at the stations under one roof.
- **Processes in freight transport** at container terminals, railports, marshalling yards and freight transport facilities will be more efficient and faster through new technologies.

Becoming more powerful by stronger interlinking



Digitalization enables totally new ways of information and coordination regarding transport as well the integration of different modes of transport. Hence movement for everybody becomes much easier: Always knowing, where and how to come to the destination while feeling completely accompanied. Therefore services of Deutsche Bahn will be become significantly more integrated and even better available through digital platforms.

Extension of the most important mobility platform in long-distance

- **DB Navigator will become by 2030** with a 35% increase of active user Europe's biggest mobility platform.
- **Real door to door solutions** at long- and mid-distance connections and permanent real time orientation make the DB Navigator even more appealing.

Creation of new interlinkage in local transport – jointly with the sector

- **Mobimeo** develops technologies to make every booking platform multi modal.
- **Mobimeo** develops technologies, to make every booking platform to a real navigation service for day-to-day mobility.
- **Short-term start of pilots** in nine German cities together with Mobility Inside.

Digitalization of the interface for rail freight customers

- **Link2Rail** will digitalize and integrate all booking and monitoring processes along the entire transport chain, for instance tracking and tracing.
- **The Order-2-Cash process** will be automatized, for instance ordering of empty cars, transport orders.
- **Individual sector solutions** will be further developed together with the customers.

Becoming more modern by smarter services



It is not only decisive for the customers to reach their destination. It is of equal importance, how they get there. Or in freight transport, whether and how the freight arrives at the final destination. Therefore we systematically expand our services and extend and optimize them with all new technological and digital possibilities to improve the Deutsche Bahn experience comprehensively.

Optimization of travel experience in long-distance

- **Wi-Fi and telephony.** € 30 mn expenditures to offer complimentary Wi-Fi in all long-distance trains by 2021.
- **Comfort and service at the seat.** Establishment of comfort check in as standard and consistent consideration of customer preferences in on board services.
- **New entertainment possibilities.** Access to exclusive content according to the individual customer preferences.
- **Active travel support.** Introduction real time ticketing, real time navigation and automatized accommodation processes.

Innovative services in regional transport jointly with the sector for the customers

- **Wi-Fi in regional transport.** Offering of high performance Wi-Fi and development of attractive regional customer portals.
- **Idea train.** Development of innovative space and train concepts for individual use of commuting times.
- **Line agent.** Offering of a digital partner for day-to-day mobility – push information in real time in case of interruptions, replacement traffic or alternative routes.

New services in freight transport

- **Further development of supply chain solutions** regarding reliability and lead times with additional logistical services in freight transport.
- **Full transparency in real time** regarding shipment status.
- **Door-to-door-solutions** – consistent transport chains in combined transport.

A1 DB Group

A2 Strategy

A3 H1 2020 Financials

A4 Sustainability

A5 Track Record

A3

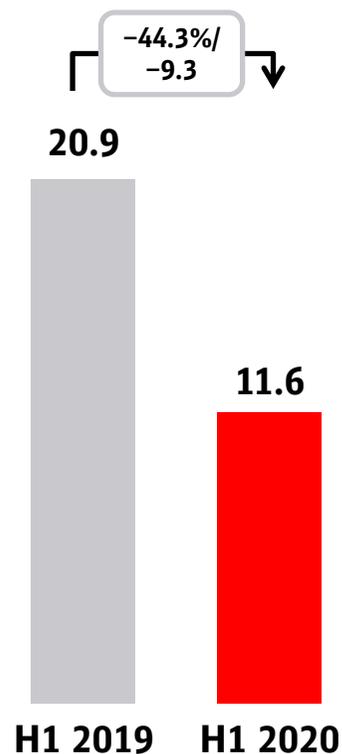
Germany's fastest climate protector



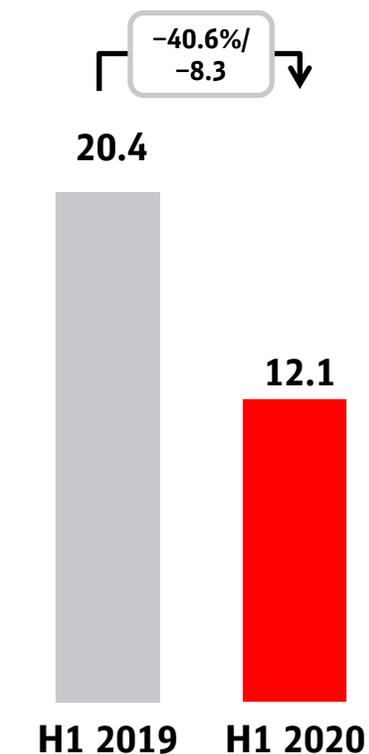
Significant decline in performance in rail transport in Germany due to Covid-19

Performance indicators – Integrated rail system

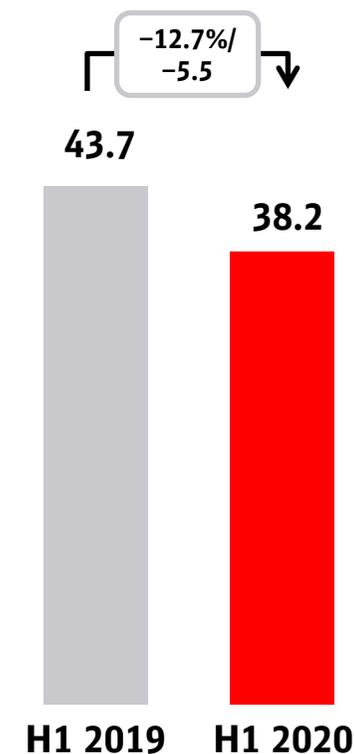
DB Long-Distance
(bn pkm)



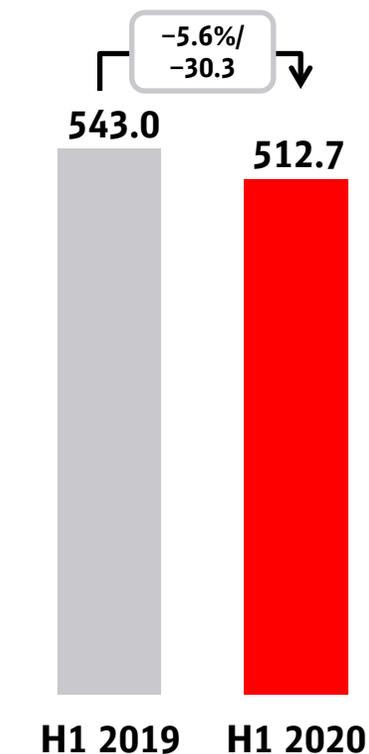
DB Regional
(bn pkm)



DB Cargo
(bn tkm)



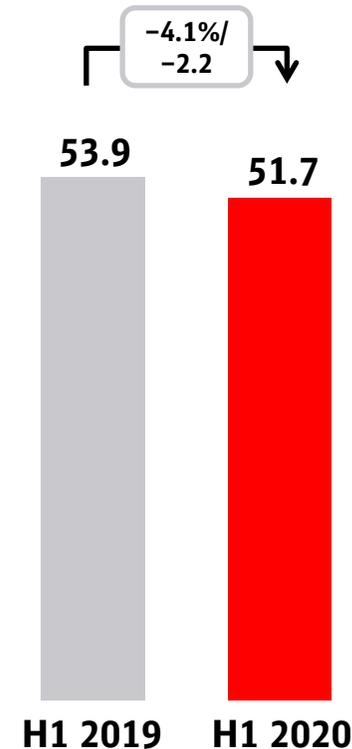
Infrastructure
(mn train-path km)



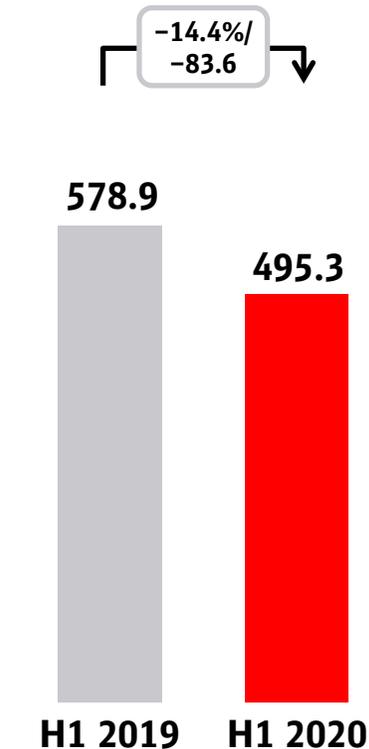
Negative performance development in the freight forwarding and logistics business due to Covid-19 and economic development

Performance indicators – DB Schenker

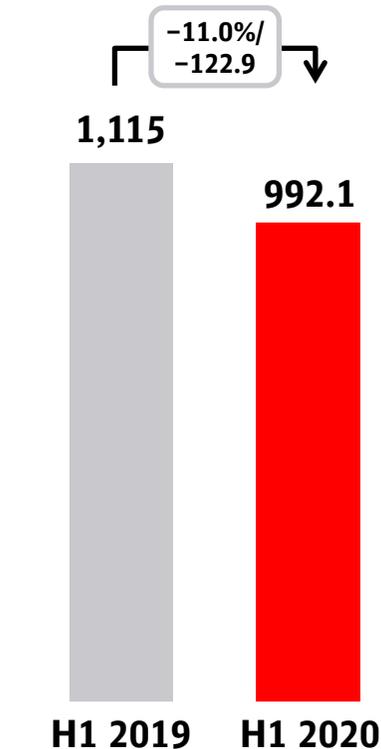
Land transport
(mn shipments)



Air freight
(thousand t)



Ocean freight
(thousand TEU)

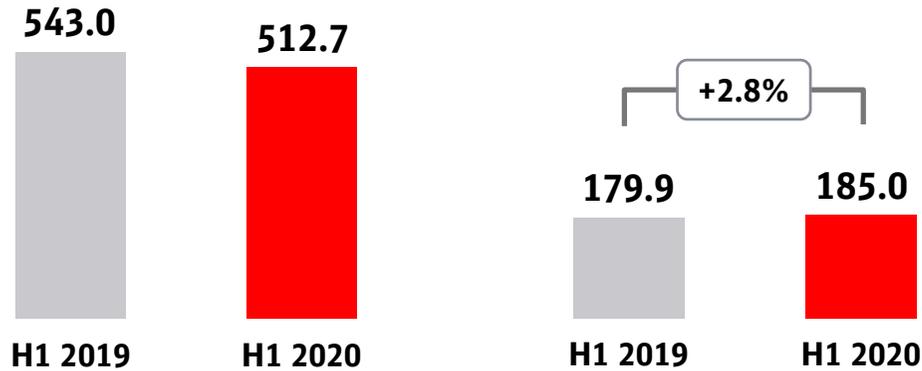


Contract logistics
(€ mn)



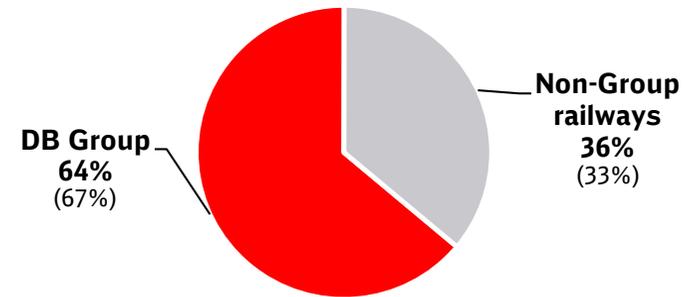
Further intensification of non-Group infrastructure usage

Train-path usage total/non-Group (mn train-path km)

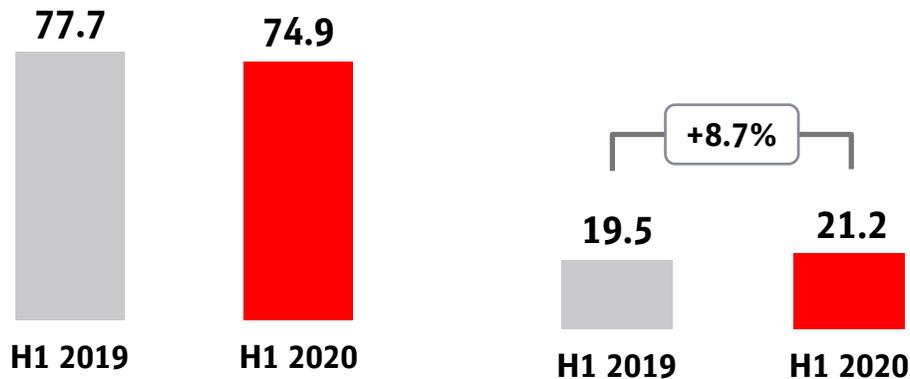


Structure of train-path usage (%)

(H1 2019)

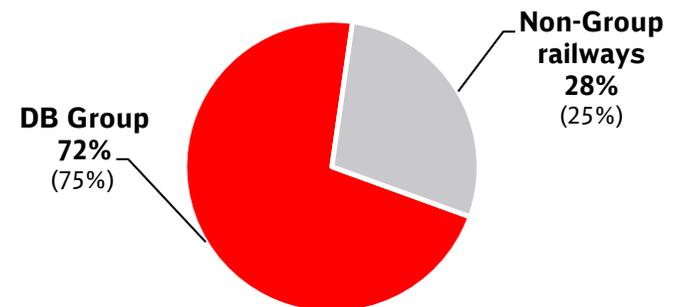


Station stops total/non-Group (mn stops)



Structure of station stops (%)

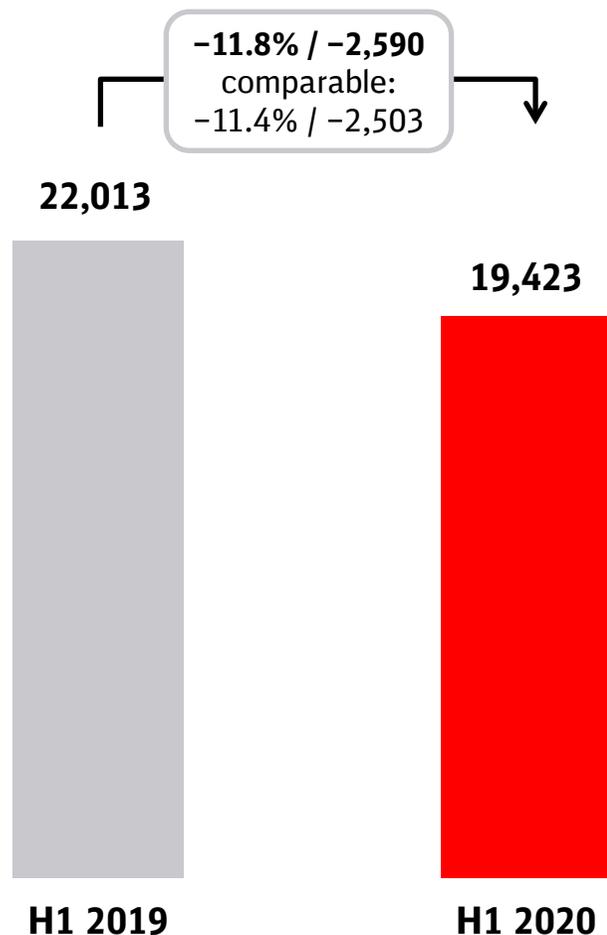
(H1 2019)



Significant revenue downturn



Revenues (€ mn)



Key impact factors

- ⊕ Price effects at DB Schenker
- ⊖ Significant Covid-19 related performance declines
- ⊖ Cessation of Arriva Rail North
- ⊖ Economic downturn

External revenues by business units (€ mn)

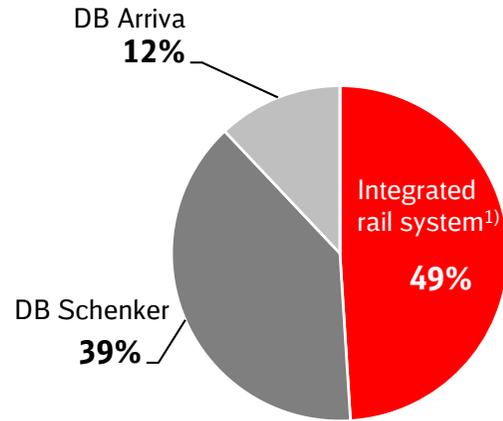
	H1 2020	H1 2019	+/- €	+/- %
DB Long-Distance	1,417	2,310	-893	-38.7
DB Regional	3,676	4,361	-685	-15.7
DB Cargo	1,845	2,141	-296	-13.8
DB Netze Track	877	812	+65	+8.0
DB Netze Stations	292	303	-11	-3.6
DB Netze Energy	601	640	-39	-6.1
Other	228	280	-52	-18.6
Integrated rail system	8,936	10,847	-1,911	-17.6
DB Arriva	2,058	2,687	-629	-23.4
DB Schenker	8,429	8,491	-62	-0.7
DB Group	19,423	22,013	-2,590	-11.8

Relatively stable revenue structure compared to H1 2019

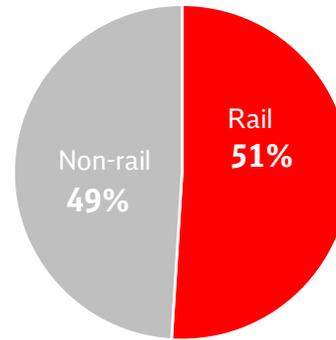


By sectors

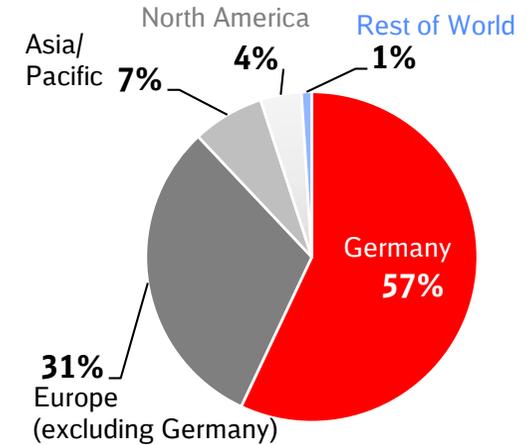
H1 2019



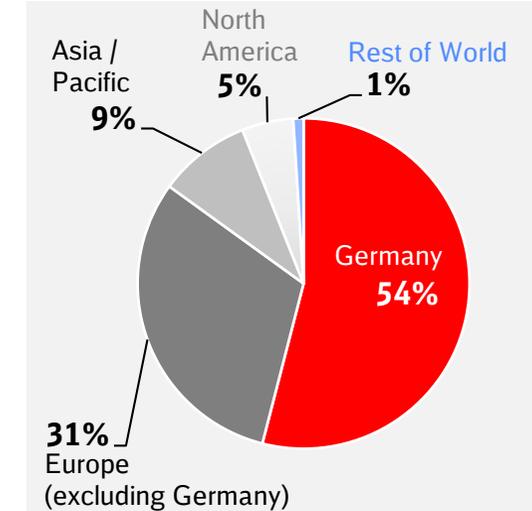
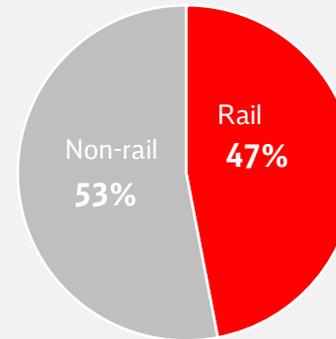
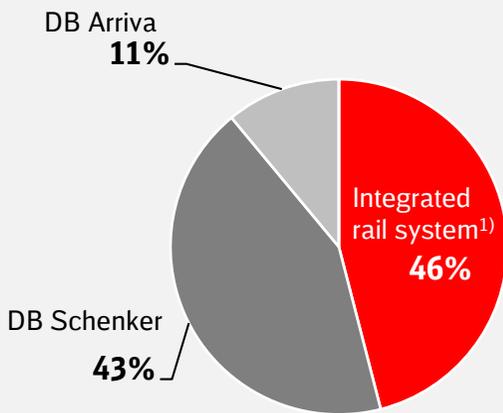
By activities



By regions



H1 2020



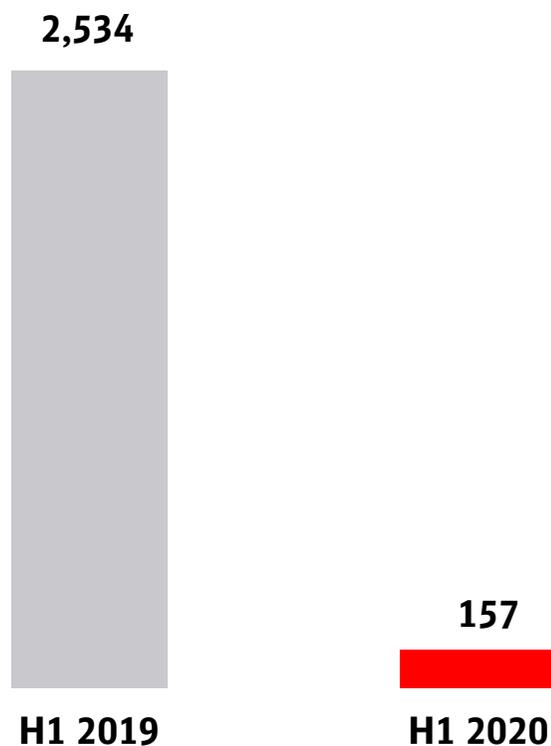
¹⁾ Mainly passenger transport activities in Germany, rail freight transport activities, operational service units and rail infrastructure companies.

EBITDA development mainly driven by Covid-19 impact



EBITDA adjusted (€ mn)

- 93.8% / -2,377



Key impact factors

- ⊕ Cost management
- ⊖ Revenue losses mainly due to Covid-19
- ⊖ Cost increases (mainly personnel) - continued investment

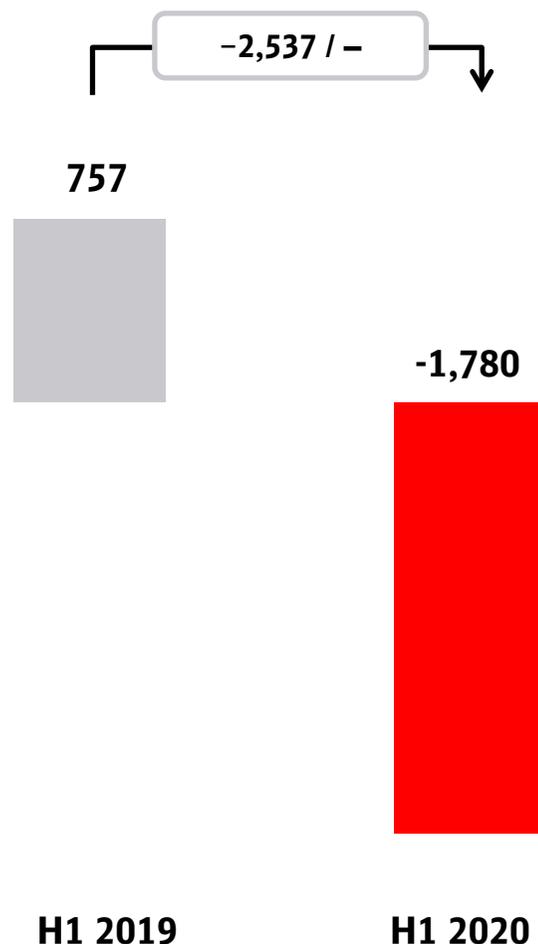
EBITDA adjusted by business units (€ mn)

	H1 2020	H1 2019	+/- €	+/- %
DB Long-Distance	-552	367	-919	-
DB Regional	-276	512	-788	-
DB Cargo	-176	20	-196	-
DB Netze Track	516	708	-192	-27.1
DB Netze Stations	124	201	-77	-38.3
DB Netze Energy	60	65	-5	-7.7
Other/Consolidation IRS	-196	-156	-40	+25.6
Integrated rail system	-500	1,717	-2,217	-
DB Arriva	93	326	-233	-71.5
DB Schenker	569	499	+70	+14.0
Consolidation miscel.	-5	-8	+3	-37.5
DB Group	157	2,534	-2,377	-93.8

EBIT development mainly driven by Covid-19 impact



EBIT adjusted (€ mn)



Key impact factors

- + Cost management
- Revenue losses mainly due to Covid-19
- Cost increases (mainly personnel) – continued investment

EBIT adjusted by business units (€ mn)

	H1 2020	H1 2019	+/- €	+/- %
DB Long-Distance	-720	224	-944	-
DB Regional	-597	186	-783	-
DB Cargo	-352	-132	-220	+167
DB Netze Track	170	379	-209	-55.1
DB Netze Stations	53	123	-70	-56.9
DB Netze Energy	16	23	-7	-30.4
Other/Consolidation IRS	-471	-376	-95	+25.3
Integrated rail system	-1,901	427	-2,328	-
DB Arriva	-153	101	-254	-
DB Schenker	278	238	+40	+16.8
Consolidation miscel.	-4	-9	+5	-55.6
DB Group	-1,780	757	-2,537	-

Revenue losses had a significant impact on income statement

Adjusted P&L (€ mn)

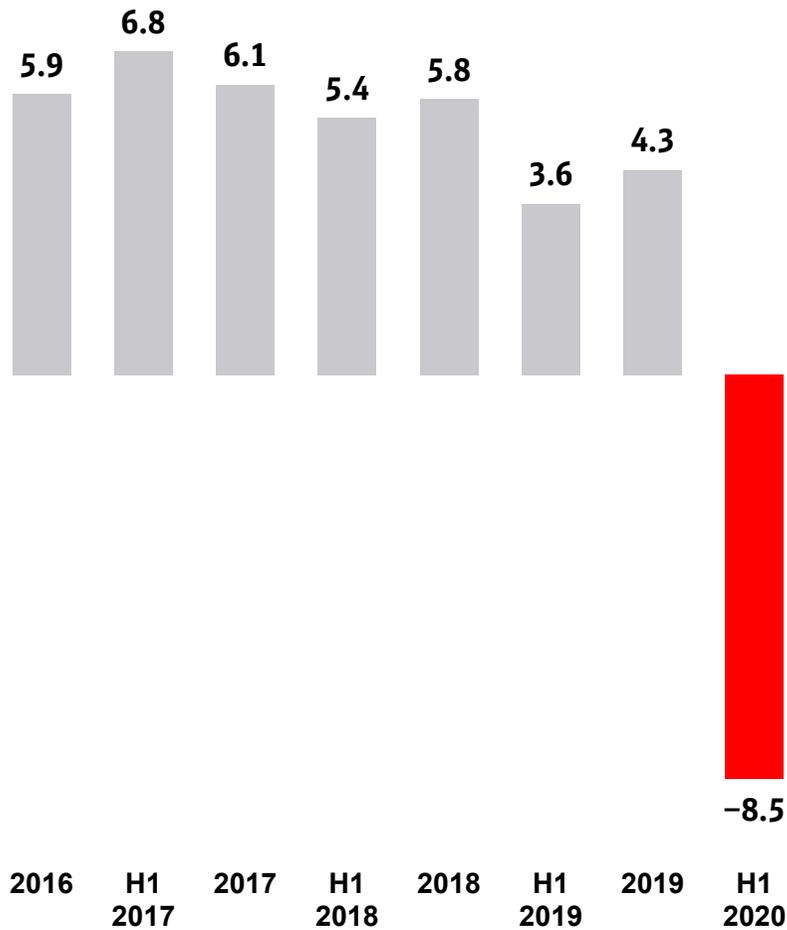
	H1 2020	H1 2019	+/- €	+/- %
Revenues	19,423	22,013	-2,590	-11.8
Total income	22,375	24,619	-2,244	-9.1
Cost of materials	-10,766	-10,876	+110	-1.0
Personnel expenses	-9,077	-8,902	-175	+2.0
Other operating expenses	-2,375	-2,307	-68	+2.9
EBITDA adjusted	157	2,534	-2,377	-93.8
Depreciation	-1,937	-1,777	-160	+9.0
EBIT adjusted	-1,780	757	-2,537	-
Financial result	-412	-383	-29	+7.6
Extraordinary result	-1,477	-97	-1,380	-
Loss/Profit before taxes	-3,669	277	-3,946	-
Taxes on income	-80	-72	-8	+11.1
Net loss/profit	-3,749	205	-3,954	-

Key impact factors

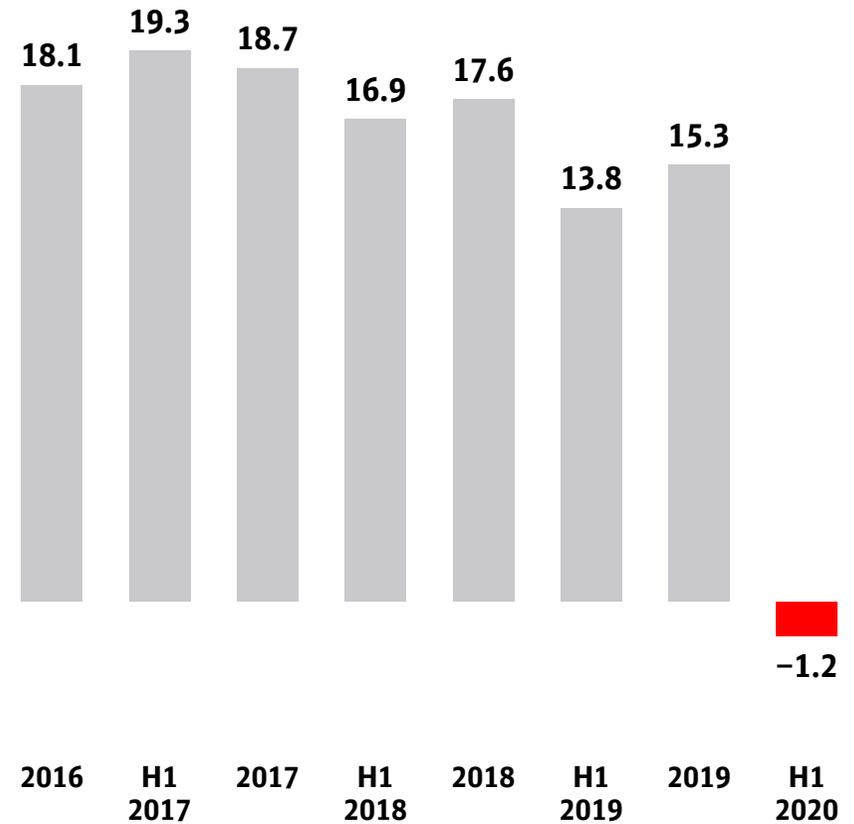
- Revenue downturn due to mainly Covid-19 related performance development.
- Operating expenses decrease due to lower performance compensated by additional expenses for additional employees and wage increases as well as maintenance (in infrastructure and at DB Long-Distance).
- Significant decline in extraordinary result due to goodwill impairment at DB Arriva owing to Covid-19 effects.

Key value management figures impacted by operating profit development

ROCE (%)

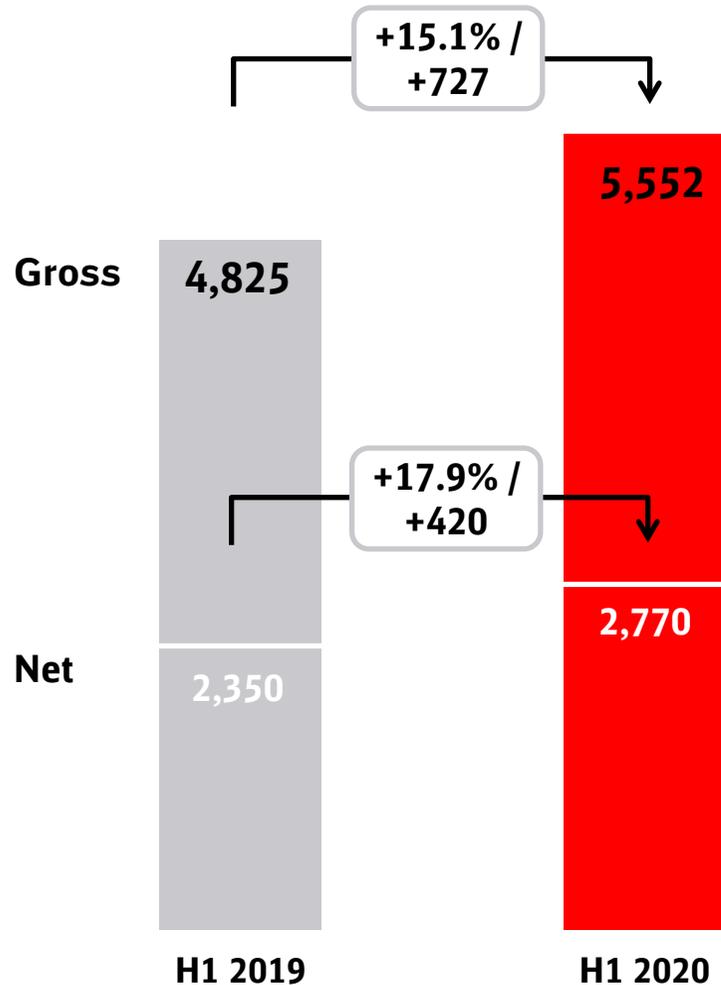


Debt coverage (%)



Capex increase due to higher infrastructure grants as well as higher capex in vehicles at DB Long-Distance

Capital expenditures (€ mn)

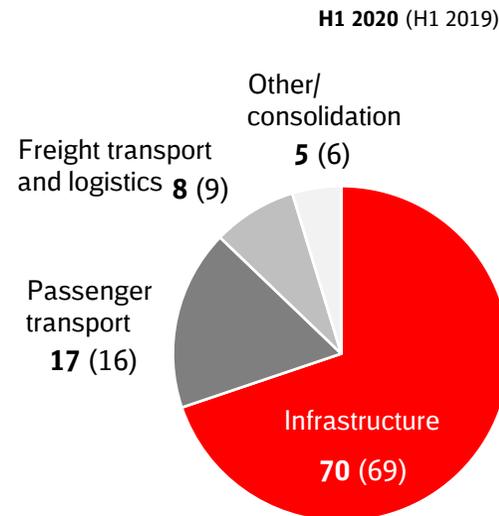


Key impact factors

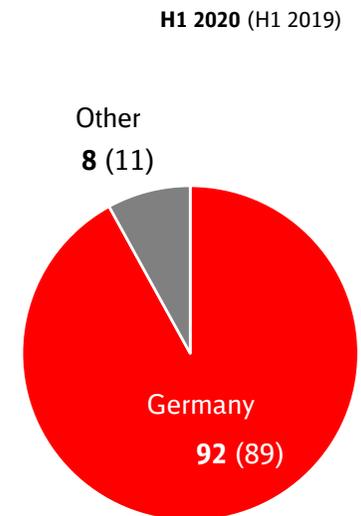
- ⊕ Higher infrastructure capex
- ⊕ Expansion of DB Long-Distance fleet
- ⊖ Postponements due to Covid-19

Gross capex split (%)

By sectors



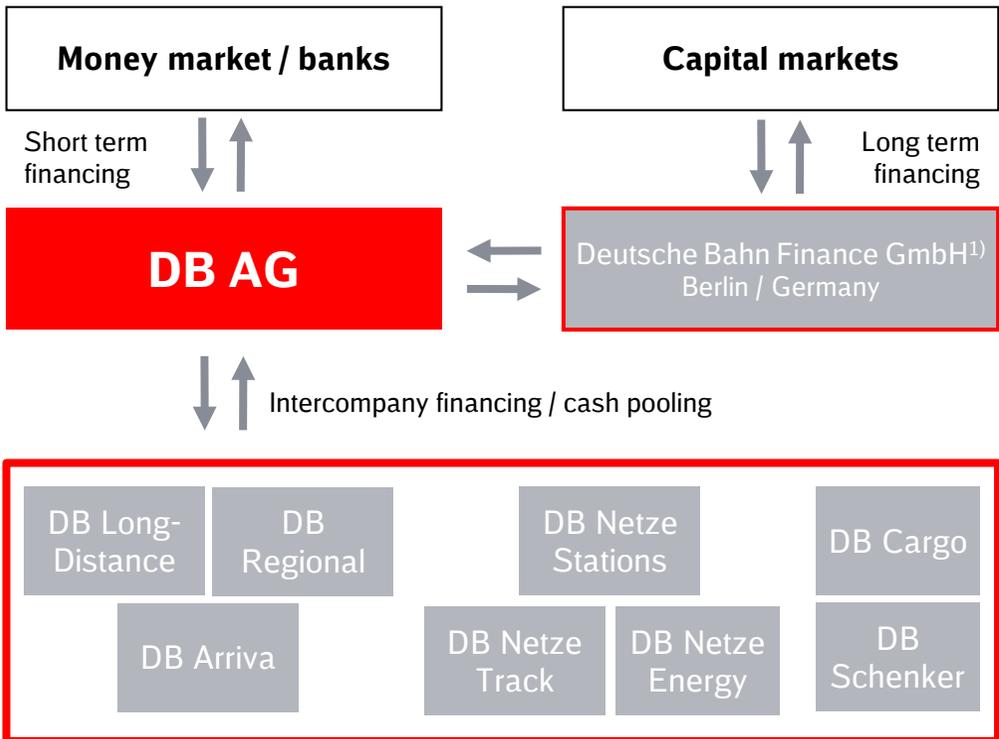
By regions



Increased capex mainly at infrastructure business units and DB Long-Distance

Capital expenditures (€ mn)	Gross capex				Net capex			
	H1 2020	H1 2019	+/- €	+/- %	H1 2020	H1 2019	+/- €	+/- %
DB Long-Distance	573	169	+404	-	573	169	+404	-
DB Regional	189	273	-84	-30.8	188	269	-81	-30.1
DB Cargo	136	163	-27	-16.6	136	163	-27	-16.6
DB Netze Track	3,309	2,875	+434	+15.1	841	636	+205	+32.2
DB Netze Stations	497	397	+100	+25.2	236	216	+20	+9.3
DB Netze Energy	68	67	+1	+1.5	21	23	-2	-8.7
Other/Consolidation IRS	262	297	-35	-11.8	262	297	-35	-11.8
Integrated rail system	5,034	4,241	+793	+18.7	2,257	1,773	+484	+27.3
DB Arriva	203	323	-120	-37.2	198	316	-118	-37.3
DB Schenker	315	261	+54	+20.7	315	261	+54	+20.7
DB Group	5,552	4,825	+727	+15.1	2,770	2,350	+420	+17.9

Concept of DB Group financing unchanged



- DB AG’s central Treasury department manages all financing, liquidity and hedging activities.
- External Group financing procured exclusively by DB AG and DB Finance.
- Internal funding conditions at arm’s length.
- Cash pooling with 297 subsidiaries in 21 countries; 2 regional cash pools (as of Dec 31, 2019).
- Two debt issuance programs, issuer DB AG / DB Finance guaranteed by DB AG:
 - Euro debt issuance program (since 2001), volume € 30 bn.
 - Kangaroo debt issuance program (since 2017), volume AUD 5.0 bn.
- Commercial paper program (since 1994), volume € 3 bn (updated 2019).

¹⁾ Since September 1, 2017. Formerly Deutsche Bahn Finance B.V., Amsterdam / the Netherlands.

Capital markets funding strategy

Strategy

- Centralized Group funding by the Group Treasury located at DB AG.
- Active management of maturity profile.
- Positioning as retail-friendly and sustainable issuer.
- Committed Back-up facilities for Commercial Paper Program of DB AG.

Instruments

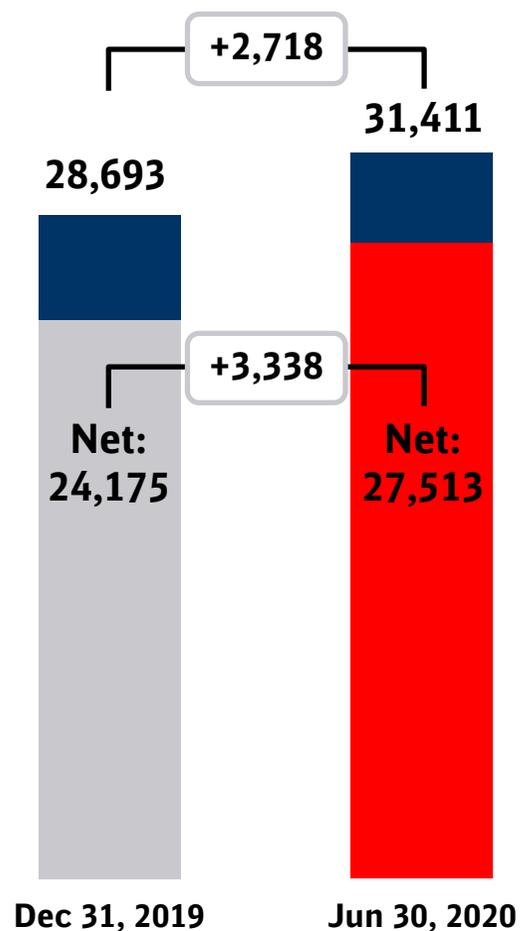
- Cash pool and internal loans for intra-Group financing.
- € 30 bn EUR-Debt Issuance Program.
- AUD 5 bn (€ 2.8 bn) AUD Debt Issuance Program.
- € 3 bn CP Program with a € 2 bn portfolio of committed Back-up facilities.
- Global credit lines with working capital and guarantee facilities for Group companies.
- Opportunistic leasing when favorable.

Terms and conditions

- Typically German Law documentation (Kangaroo program under Australian/NSW law), each with Negative Pledge, Pari Passu, no Cross Default, no MAC, no Rating Trigger, no Ownership Clause, no Ratio Requirements (no Financial Covenants at all).
- All derivatives under German Master Agreement (DRV).

Components of financial debt as of Jun 30, 2020

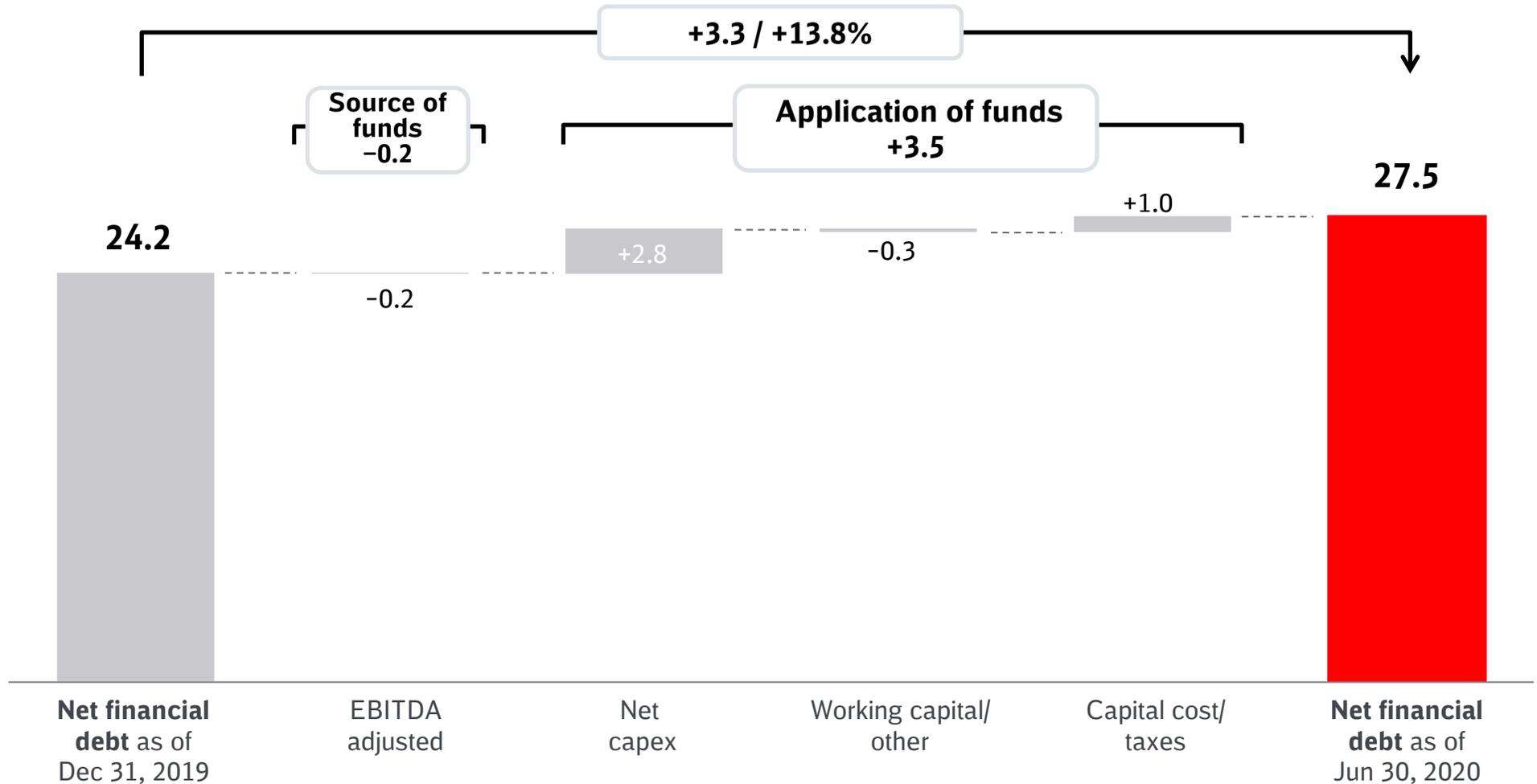
Financial debt (€ mn)



	H1 2020	2019	+/-
Bonds	23,788	20,966	+2,822
+ EUROFIMA loans	200	200	-
+ Commercial paper	1,677	890	+787
+ Bank borrowings (incl. EIB)	556	626	-70
	26,221	22,682	+3,539
+ Finance lease (present value)	4,357	5,015	-658
+ Finance liabilities from transport concessions	82	77	+5
+ Other finance liabilities	191	212	-21
Financial debt excl. Federal loans	30,851	27,986	+2,865
+ Interest-free loans (present value)	560	707	-147
Financial debt	31,411	28,693	+2,718
- Cash and cash equivalents and receivables from financing	4,025	4,397	+372
- Effects from currency hedges	127	-121	+248
Net financial debt	27,513	24,175	+3,338

Net debt increased due to lower operating profit and ongoing high level of capex

Net financial debt (€ bn)



Balance sheet without significant changes except mainly loss-driven decline in equity. Equity increase budgeted by German Government

Balance sheet

(€ mn, as of Jun 30 / Dec 31)

Assets

Non-current assets

Property, plant and equipment	46,710	46,591	+119	+0.3
Intangible assets	2,372	3,894	-1,522	-39.1
Deferred tax assets	1,215	1,246	-31	-2.5

Current assets

Trade receivables	4,776	4,871	-95	-2.0
Cash and cash equivalents	3,696	3,993	-297	-7.4

Equity and liabilities

Equity

Non-current liabilities

Financial debt	26,399	23,977	-2,422	-10.1
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Current liabilities

Financial debt	5,012	4,716	+296	+6.3
Trade liabilities	5,291	5,789	-498	-8.6

Total assets

	2020	2019	+/- €	+/- %
Non-current assets	51,797	53,123	-1,416	-2.7
Current assets	12,696	12,615	+81	+0.6
Equity	9,851	14,927	-5,076	-34.0
Non-current liabilities	36,170	32,820	+3,350	+10.2
Current liabilities	18,472	18,081	+391	+2.2
Total assets	64,493	68,828	-1,335	-2.0

Maturity structure

(as of Jun 30, 2020 / Dec 31, 2019)

Assets

Non-current
assets
(80% / 81%)

Current assets
(20% / 19%)

Equity and liabilities

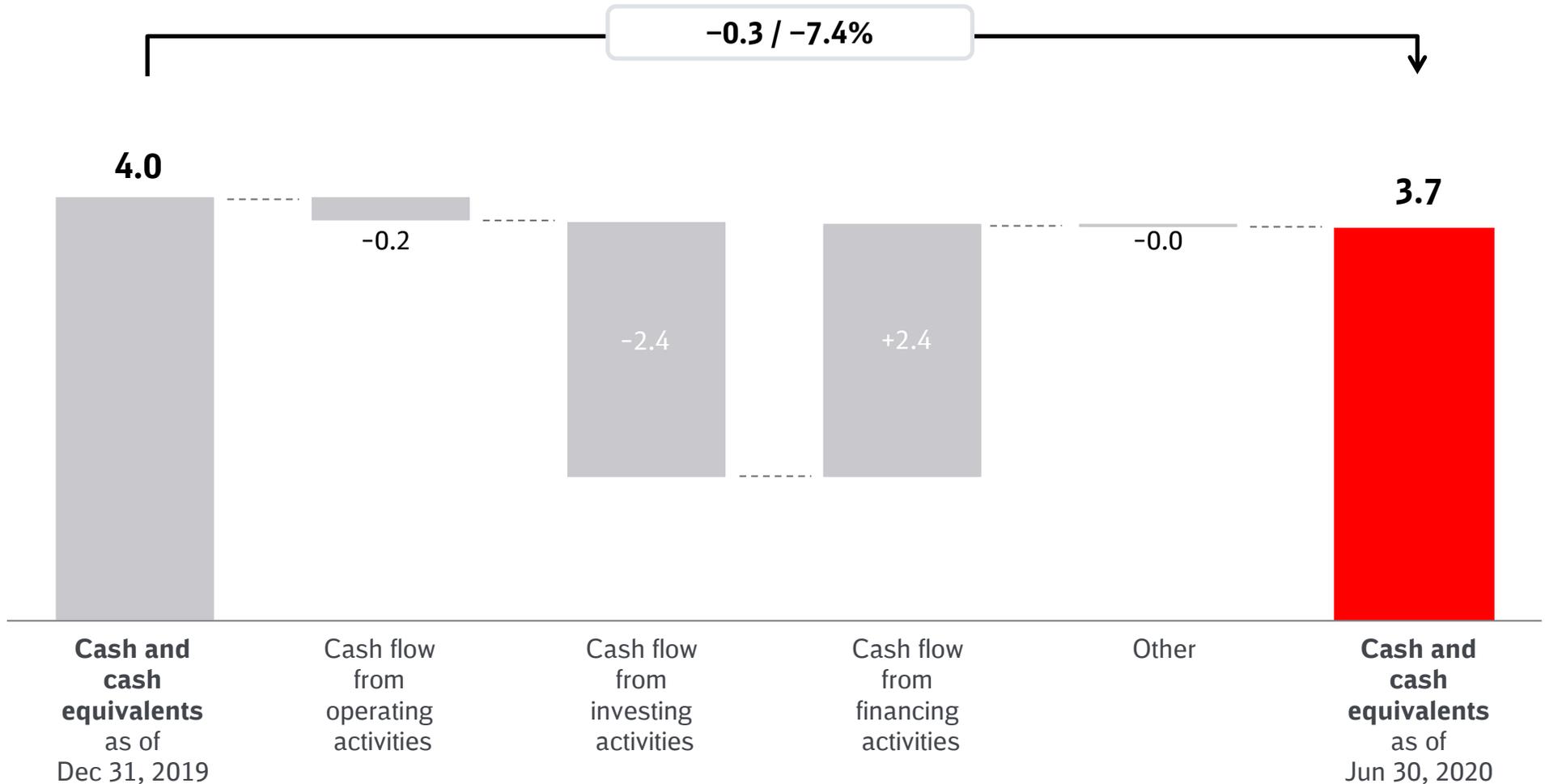
Equity
(15% / 23%)

Non-current
liabilities
(56% / 50%)

Current liabilities
(29% / 27%)

Cash and cash equivalents only slightly lower compared to Dec 31, 2019

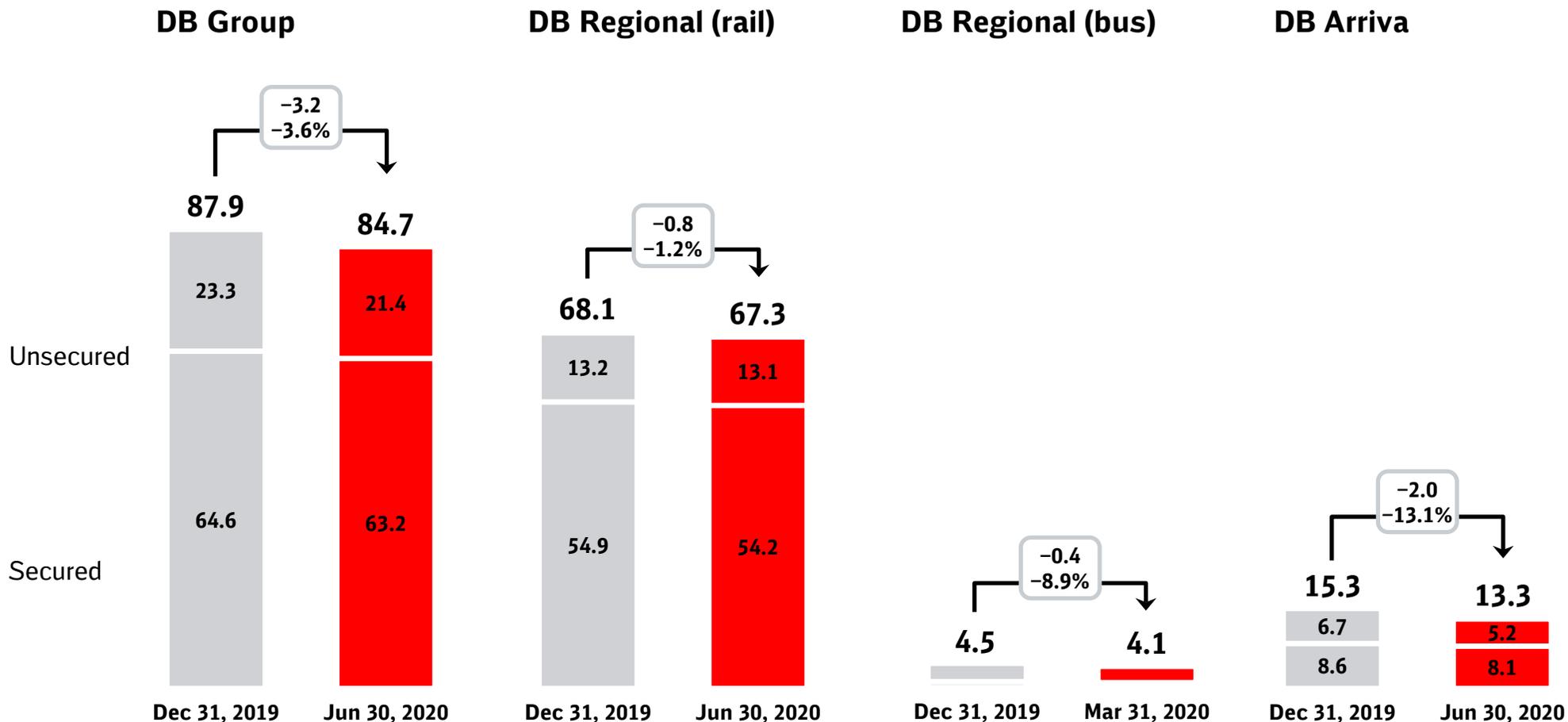
Cash position (€ bn)



Very strong order book with decrease in H1 2020



DB order book¹⁾ (€ bn)



Possible differences are due to rounding. ¹⁾ Secured and unsecured revenues. Unsecured revenues consist mainly of fares.

A1 DB Group

A2 Strategy

A3 H1 2020 Financials

A4 Sustainability

A5 Track Record

A4

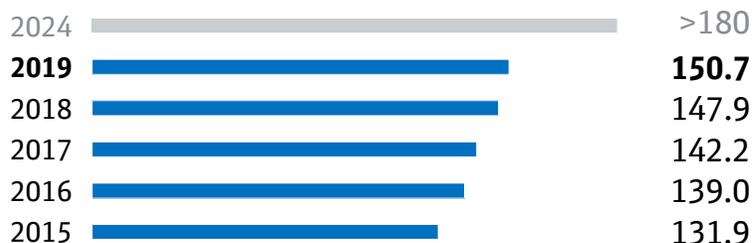


Germany's fastest climate protector

Ongoing positive performance development in passenger transport and infrastructure, decline in rail freight transport

Strong Rail targets – Shift in mode of transport (rail in Germany)

Passengers long-distance transport
(million)



260

Passengers (regional)
(million)



2,500

Volume sold rail freight transport
(million tkm)



120,000¹⁾

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



1,400¹⁾

¹⁾ +70% compared to 2015.

¹⁾ +30% compared to 2015.

Mid-term target Long-term target

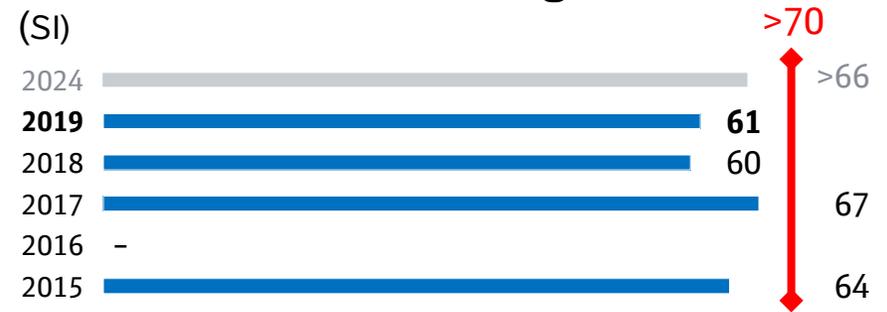
Mixed development of customer satisfaction, measures to improve punctuality show first results

Strong Rail targets – Customer satisfaction (SI) / Punctuality (rail in Germany)

Customer satisfaction DB Long-Distance (SI)



Customer satisfaction DB Cargo¹⁾ (SI)



¹⁾ Survey annually from 2017 onwards.

Punctuality DB Long-Distance (%)



Punctuality DB Cargo (%)

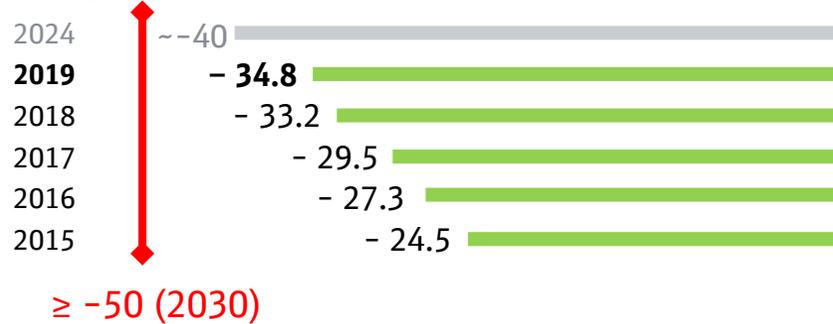


Mid-term target
 Long-term target

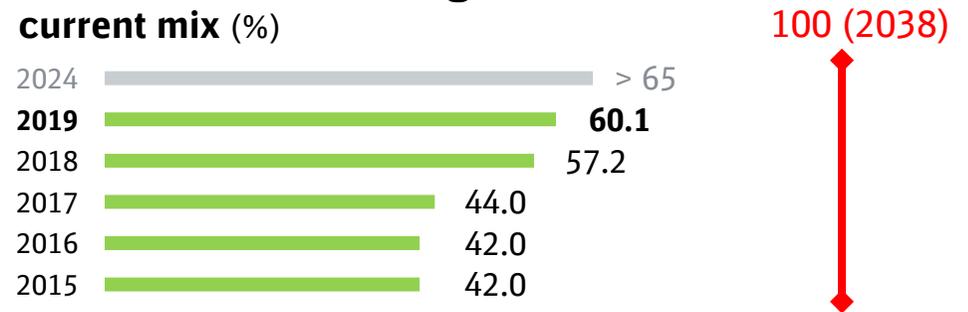
Ongoing strong development of environmental targets

Strong Rail targets – environmental (rail in Germany)

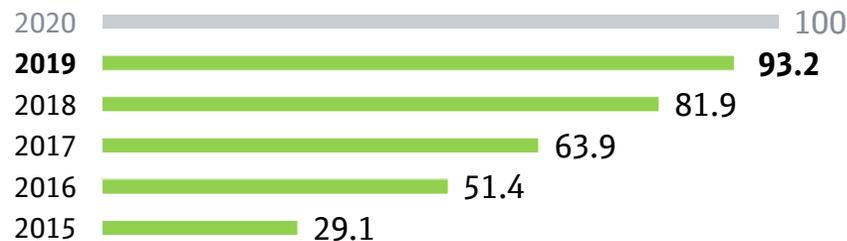
Specific greenhouse gas emissions compared to 2006 (%)



Share of renewable energies in DB traction current mix (%)



Share of quiet freight cars in the active fleet in Germany as Dec 31 (%)

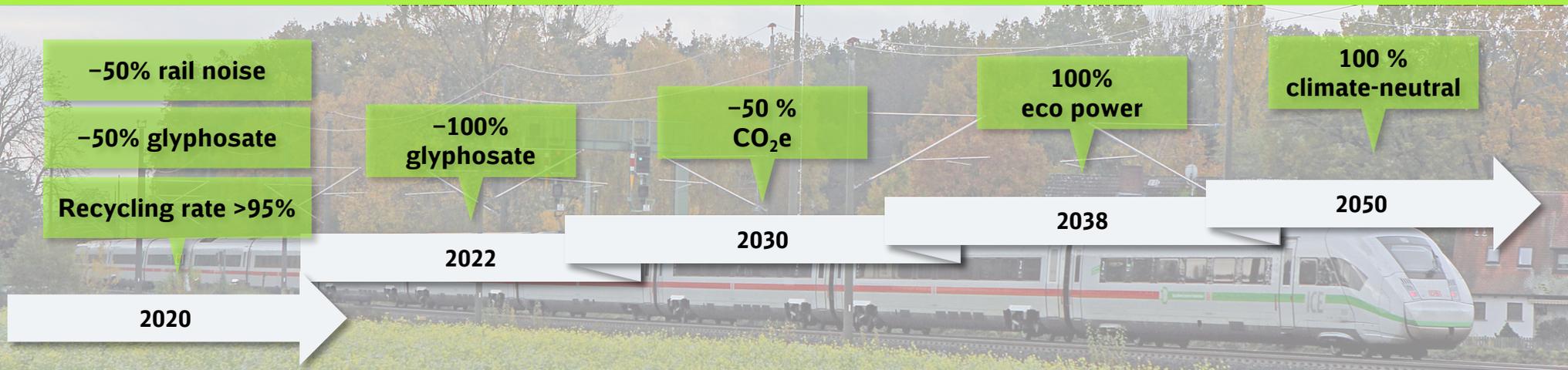


Recycling rate (%)



Short-/Mid-term target Long-term target

We have clear targets for a successful implementation of our green transformation



Successes

- Carbon emissions reduced by 34.8% (compared to 2006)
- 60% share of green energy in the traction current mix (2019)
- 33 station supplied with 100% eco power, including the 15 biggest with regard to passenger numbers
- 97.7% recycling rate at construction and municipal waste
- 1,885 train-path km noise remediated
- 97% of freight cars equipped with whisper brakes

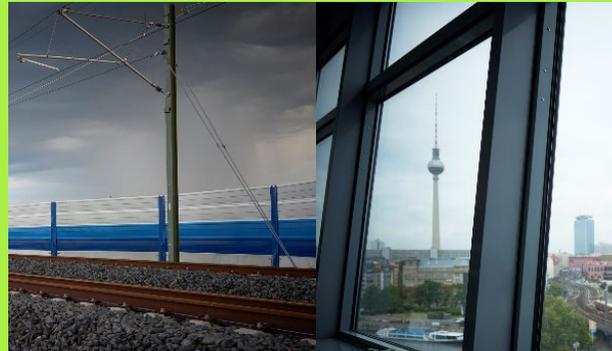
- Building block “Environment and 100% green electricity” as part of Strong Rail strategy
- DB climate targets 2030/2050 resolved by the management board
- Science-Based Targets Initiative (SBTi) confirmed: With its green-house gas reduction target, DB Group takes responsibility for achieving the 2-degree target of the Paris Climate Conference
- CDP rated DB Group with best possible assessment “A”

Our central approach is to “think together” about environmental and economic effects

Sustainability and environmental protection - our key fields of action



Climate protection



Noise reduction



Nature conservation



We are on a good way to meet our environmental top targets



Target Reduction of specific CO₂e emissions Compared to 2006

Share of renewable energies in traction current

Recycling rate

Cut rail noise by half compared to 2000

DB Schenker: Reduction of specific CO₂e emissions compared to 2006

-50%

80%

95%

-10 dB(A)

-40%

2019

-34.8%

60.1%

98%



On track:

- **Noise remediated train-path and refitted freight cars**

-26.6%

Das ist grün. Klima schützen. Umwelt schonen. **Deutsche Bahn.**

Deutsche Bahn takes responsibility for our environment



Ambitions & Goals

- **Preservation of biodiversity**, strengthening of flora and fauna
- Orientation of **rail operations** to the **consequences of climate change** - in the ecosystem, infrastructure and vehicles
- Development of **approaches to climate resilience** of DB Group
- Development of an **environmentally friendly vegetation management system**
- **-50%** use of **glyphosate** from 2020 onwards
- **-100%** use of **glyphosate** till end of 2022

Status quo

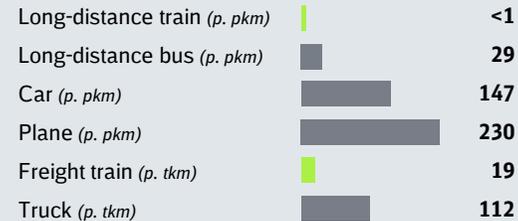
- **5,100 compensation projects** with a total of 32,189 measures – thereof more than 10,000 for the **protection of species**
- Currently conducting a second **study** on DB Group's **climate resilience** until the end of 2020 together with the **Potsdam Institute for Climate Impact Research** (Potsdam Institut für Klimafolgenforschung, PIK)
- Development of a new **geodata system** to ensure more efficient compensation procedures in nature conservation in the future
- Preparation of a new **nature conservation target 2030**



Our Strong Rail strategy is a key prerequisite for the German Government to reach its climate targets

No other motorized mode of transport is as climate-friendly.

The lowest specific greenhouse gas emissions:



No other mode of transport is powered by a higher share of electricity.

The highest share of e-mobility:



No other mode of transport can reach a 100% share of eco power as fast.

The highest potential for eco power:

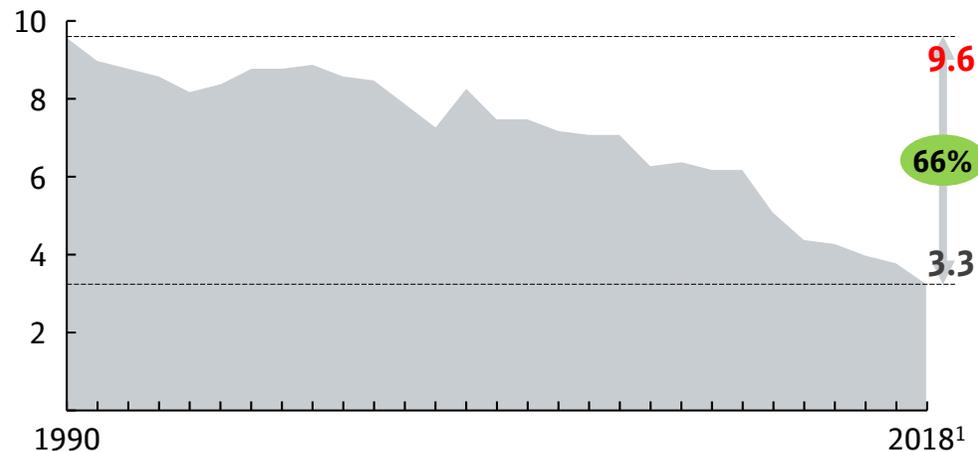


What a strong rail system means:

A reduction of total CO₂ emissions by 10.5 million tons p.a.
This is equivalent to the carbon footprint of one million people.

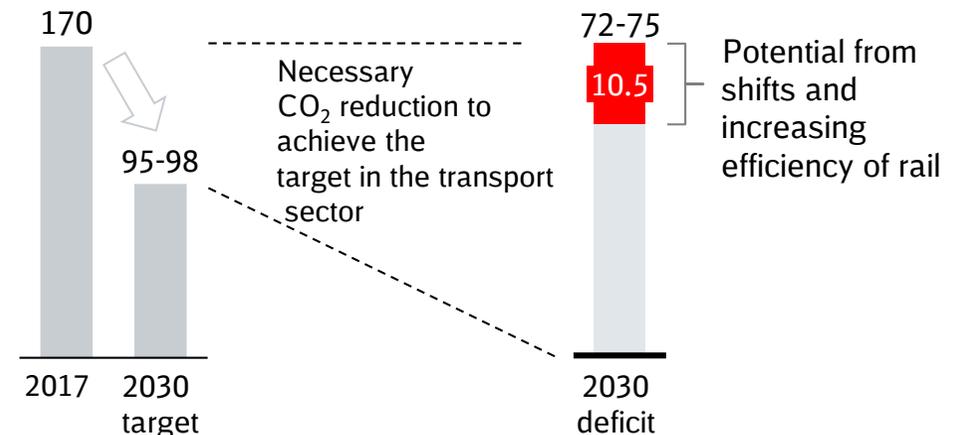
Rail as a mode of transport can make a significant contribution to achieving climate and environmental objectives

Absolute CO₂ emissions from regional transport, long-distance transport, cargo transport in Germany (mn t)



- Thanks to its energy efficiency and the increase in the share of renewable energies in the traction current mix, rail was the only mode of transport that lowered its CO₂ emissions compared to 1990.

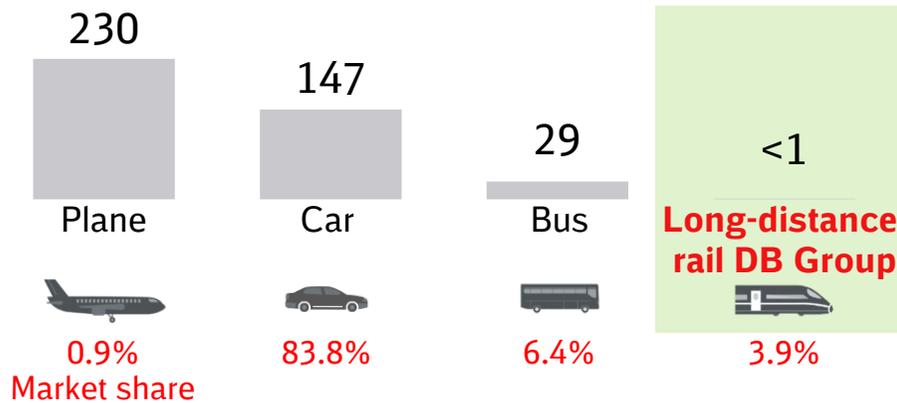
CO₂ emissions in the transport sector and potential for reduction from shifts in Germany (mn t)



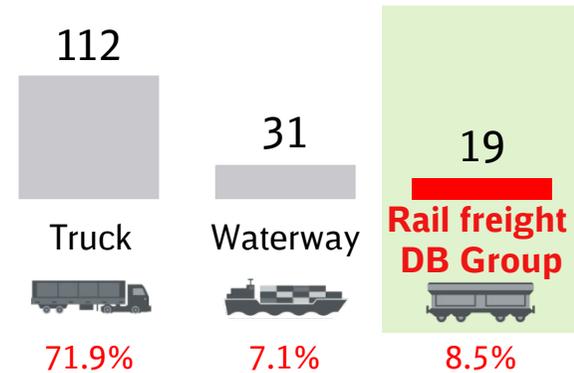
- A key lever for achieving the climate and transport targets by 2030 is the shift of traffic to the climate-friendly rail. Prerequisites for this are increasing attractiveness and creating the necessary capacity, especially in terms of the infrastructure.

Our sustainable mobility and transport solutions play a decisive role in fighting climate change

Carbon emissions passenger transport in Germany (g/pkm)



Carbon emissions freight transport in Germany (g/tkm)



Traffic shift to rail with significant contribution to reach CO₂ reduction targets in Germany

Fields of action for Germany	1990 (mn t CO ₂ e)	2014 (mn t CO ₂ e)	2030 (mn t CO ₂ e)	2030 (%; reduction compared to 1990)
Transport	163	160	95-98	-42 to -40

- Targets can only be reached with strong rail development.
- Therefore the strong governmental support lays the foundation.

We have set ourselves the target of becoming climate-neutral until 2050 – with clear milestones

Ambitions & Goals

- Our ambition: becoming group-wide climate-neutral until 2050
- Intermediate goals:

2025

100% eco-power for **stationary** energies

2030

Halving DB Group's specific **green-house gas emissions** (comp. to 2006)
80% eco-power in the DB traction current mix

2038

100% eco-power in the DB traction current mix

Status quo

- Specific **green-house gas emissions** already reduced by 34.8%
- Share of renewable energies in DB traction current mix increased to 60%
- Project „**climate-neutral DB**“ started:
 - Collaboration between the Sustainability & Environment department, Technology department and DB Energie GmbH
 - Development and implementation of **fossil fuels exit strategies** and group-wide **solutions**
 - **Group-wide transparency** and collaboration on activities and progress of greenhouse gas reduction



Our climate protection actions and targets receive very positive external assessments

Climate target 2030 resolved

- Group climate target backed by binding annual target values for the business units
- This will improve the manageability of DB Group's target and ensure the achievement of our interim targets
- The goals are monitored and controlled by the Sustainability & Environment department on a monthly basis

DB Climate target scientifically confirmed

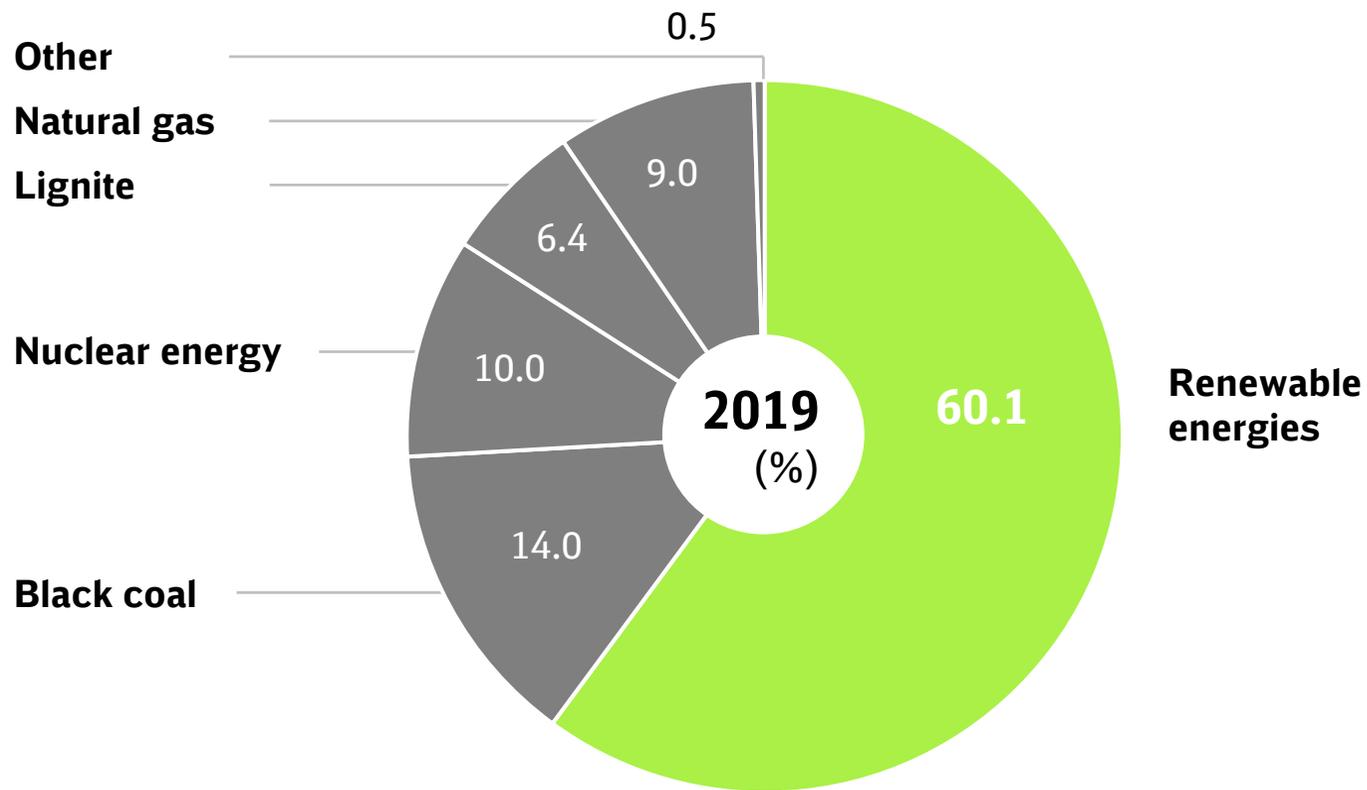
- Deutsche Bahn is one of five railway companies worldwide, whose climate target has been scientifically confirmed by the Science-Based Targets Initiative (SBTi)
- With its green-house gas reduction targets, DB take responsibility for achieving the 2-degree target of the Paris Climate Conference.
- The SBTi seal of approval confirms that rail travel is active climate protection

CDP rating with top grade A

- Deutsche Bahn was once again awarded the top grade “A” by the rating organization CDP
- Total assessment “A” makes DB Group to one of the most climate-friendly companies in the transport and logistics sector worldwide.
- Only 182 of 8,400 participating companies belong to the top group (A-Group)

Share of renewable energies in the DB traction current mix increased further in 2019

DB traction current mix by energy sources
(2019)



Share of renewable energies in the traction current mix will grow in the coming years due to new supply contracts

For the climate



The development of a mixed portfolio for a secure energy supply with a growing share of renewable energies under economically viable conditions is the core element of our strategy to increase the share of renewable energies in our traction current mix.

Three new contracts will save a total of up to 600,000 t CO₂ p.a. compared to supply from a coal-fired power plant.

Hydroelectric power

Conclusion of a Power Purchase Agreement (PPA) with Verbund AG for the supply of about 440 GWh p.a. in the period 2023-2027 (corresponds to about 6% of DB's traction current requirements p.a.)



Hydroelectric power station
Egglfing
Obernberg
(Austria)

Photovoltaics

Conclusion of a PPA with Enerparc AG for the supply of about 80 GWh p.a. in the period 2021-2050 (corresponds to about 1% of DB's traction current requirements p.a.)



Photovoltaic park
Gaarz
(Mecklenburg-
Western
Pomerania,
Germany)

Offshore wind energy

Conclusion of a PPA with RWE for the supply of about 260 GWh p.a. in the period 2024-2039 (corresponds to roughly 4% of DB's traction current requirements p.a.)



Offshore wind farm
Amrumbank West,
Germany

Key technical levers for meeting the target of climate neutrality until 2050 are not yet available



1 Switch traction current to 100% eco-power

- Stepwise expansion of renewable energies in the traction current portfolio.



2 Electrification of tracks

- Construction of overhead catenary systems for electric traction.



3 Alternative drive technologies

- Replacement of conventional diesel vehicles by use of battery (hybrid) or hydrogen technology.



4 Alternative fuels

- Replacement of conventional diesel fuels with more environmentally friendly alternative fuels.

New resource conservation target

Ambitions & Goals

- **Responsible** use of limited resources is a top priority of our stakeholders.
- **Recycling is the goal** when using resources.
- **Recycling rate** of construction and municipal waste (2019: 97.7%) **exceeds target** (95%).
- Development of strategies for the use of **innovative and sustainable materials**.

Status quo

- Use of **recycled material in the infrastructure**, e.g. recycled concrete sleepers or ballast.
- **Extending the useful life** of our products, among others by redesign projects, 3D printing of replacement parts or **upcycling** of our office furniture.
- Limitation of plastic waste e.g. by the **DB reusable cup** project.
- Development of a new group-wide **resource conservation target 2030**, that will be more than recycling.



Nature conversation and resource efficiency

Secure biodiversity – push recycling management forward

- Recording of about 5,100 compensations projects (in 2019).
- Since 2010, implementation of more than 32,000 individual nature and species protection activities.
- Protecting birds from catenary systems
- Projects for environmental vegetation maintenance along rail lines and energy supply lines



Nature conversation



Resource efficiency



- Recycling rate of around 98% in 2019
- Recycling of ballast Ω No. 51, concrete sleepers Ω No. 73 and track
- Extending the life cycle of our production equipment by redesigning, in particular, rolling stock

We are transforming our approach to waste management from an optimized system into a modern resource management system

Volume of waste according to type (thousand t)



10,838

construction waste



309

scrap metal



58

municipal waste



55

other



25

paper



2

waste oil



1

electronic
scrap

Waste in total: 11,288 thousand t

Rail noise pollution halved by end 2020 – new noise protection target in preparation

Ambitions & Goals

- The **modal shift** can only succeed with the acceptance of the local residents.
- **Halving rail noise** along DB tracks by the end of 2020.
- Our two-pillar strategy:
 - 2,000 km train-path noise remediated by 2020.
 - By 2020 entire freight car fleet in operation of DB Cargo in Germany equipped with whisper brakes.

Status quo

- Already **1,885 km** train-paths **noise remediated**.
- **97%** of approximately 59,500 freight cars in operation of DB Cargo in Germany are already **equipped with whisper brakes**.
- **New noise protection target 2030/2050** currently under development together with the federal government. The focus will be the protection of residents.

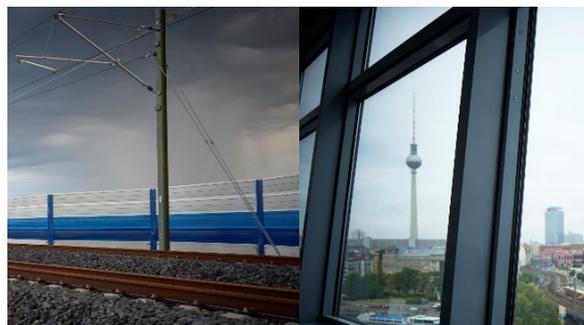


Good progress in noise reduction



Halving of the rail noise level until the end of 2020

- As of Dec 31, 2019, more than 1,840 track kilometers are noise remediated with active and passive noise prevention measures.



**Noise remediation
(infrastructure)**

- Project **I-LENA** **No. 54** for testing of innovative noise protection measures together with the BMVI launched.



Quiet freight cars



- As of Dec 31, 2019 57,644 quiet freight cars equipped with **whisper brakes** **No. 54**.
- Research on innovative freight cars for further reduction of rolling noise.

Social responsibility is the focus of our sustainability activities

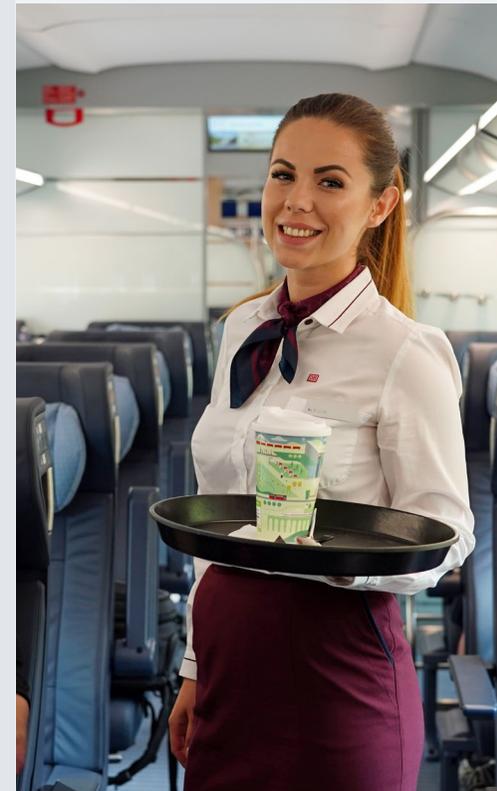


Ambitions & Goals

- **Social responsibility** is the umbrella for all our efforts on behalf of people - employees, business partners and suppliers.
- The focus is on an **open and diverse corporate culture**, a **sustainable value chain** and our **commitment to civil society**.
- A comprehensive **sustainability strategy** will bundle our goals and measures.

Status quo

- The DB Code of Conduct forms a common value basis for business partners and suppliers.
- In cooperation with the start-up company Share we support the construction of drinking water wells worldwide with every recycling water bottle sold.
- We stand for a corporate culture of diversity promoted by the project „Einziganders.“
- We actively shape the transformation of work as part of the group initiative for new work “People. Do. Future.”
- The Deutsche Bahn Foundation is involved in many projects for a society based on equal opportunities.

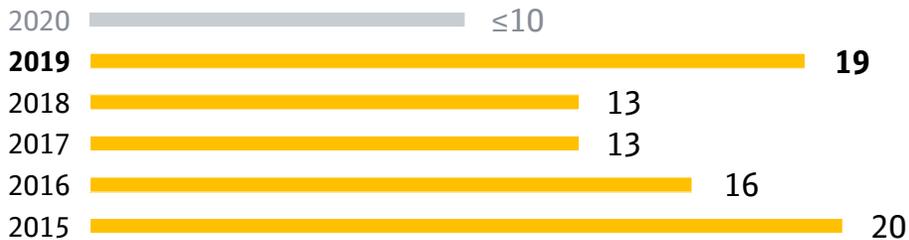


Social targets with temporarily setback – staff hiring in Germany in 2019 on record level

Strong Rail targets – social (rail in Germany)

Employer attractiveness

(rank in Germany)

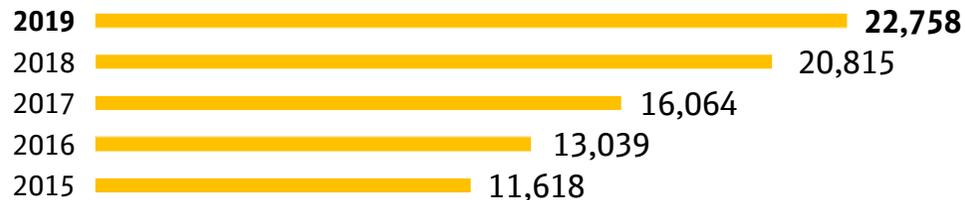


Employee satisfaction

(SI)



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



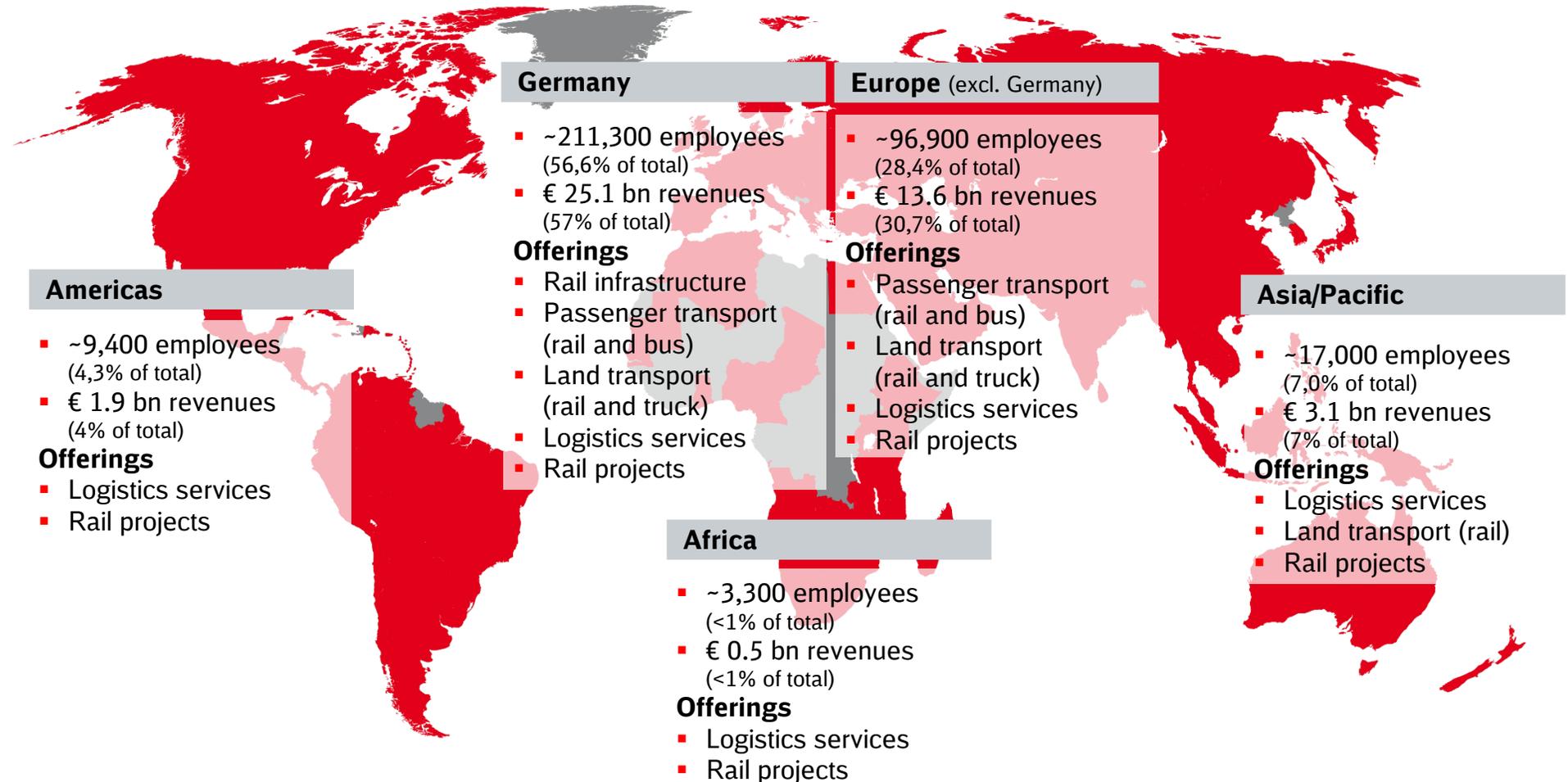
Short-/Mid-term target Long-term target

DB Group is one of the largest and most multifaceted providers of vocational training in Germany



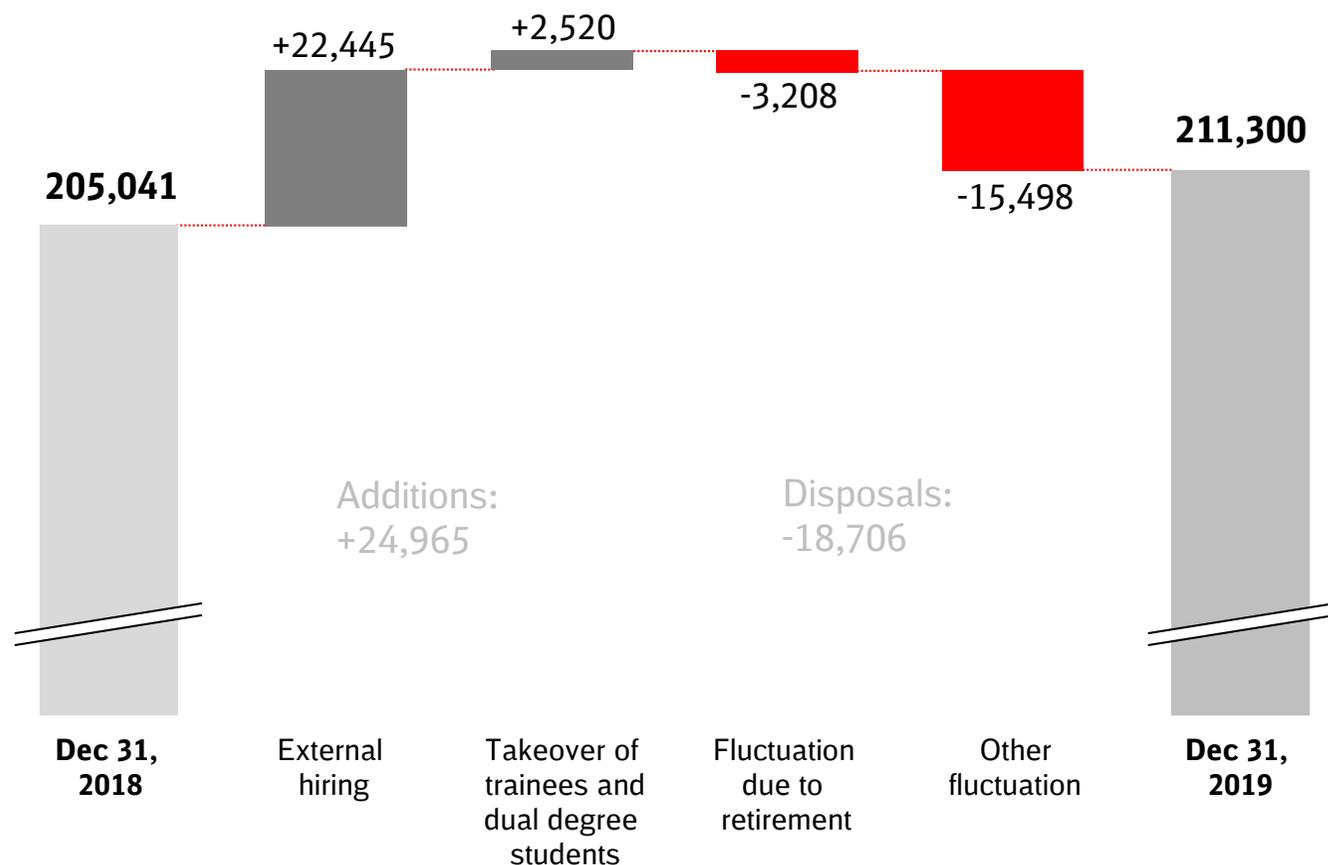
- DB Group employs over 340,000 people worldwide, including over 200,000 in the integrated rail system.
- Nearly two-thirds of our employees are based in Germany.
- DB Group trains some 10,500 vocational trainees and 950 cooperative education students in more than 50 professions.
- Through its "Chance plus" program, DB Group helps some 250 interns launch their careers at DB Group every year.
- Over 94% of DB Group's vocational trainees are offered jobs upon successful completion of their training.

We are acting worldwide in more than 130 countries



We hired about 22,000 new employees in Germany in 2019 to meet staffing requirements

Employees in Germany (natural persons)



A1 DB Group

A2 Strategy

A3 H1 2020 Financials

A4 Sustainability

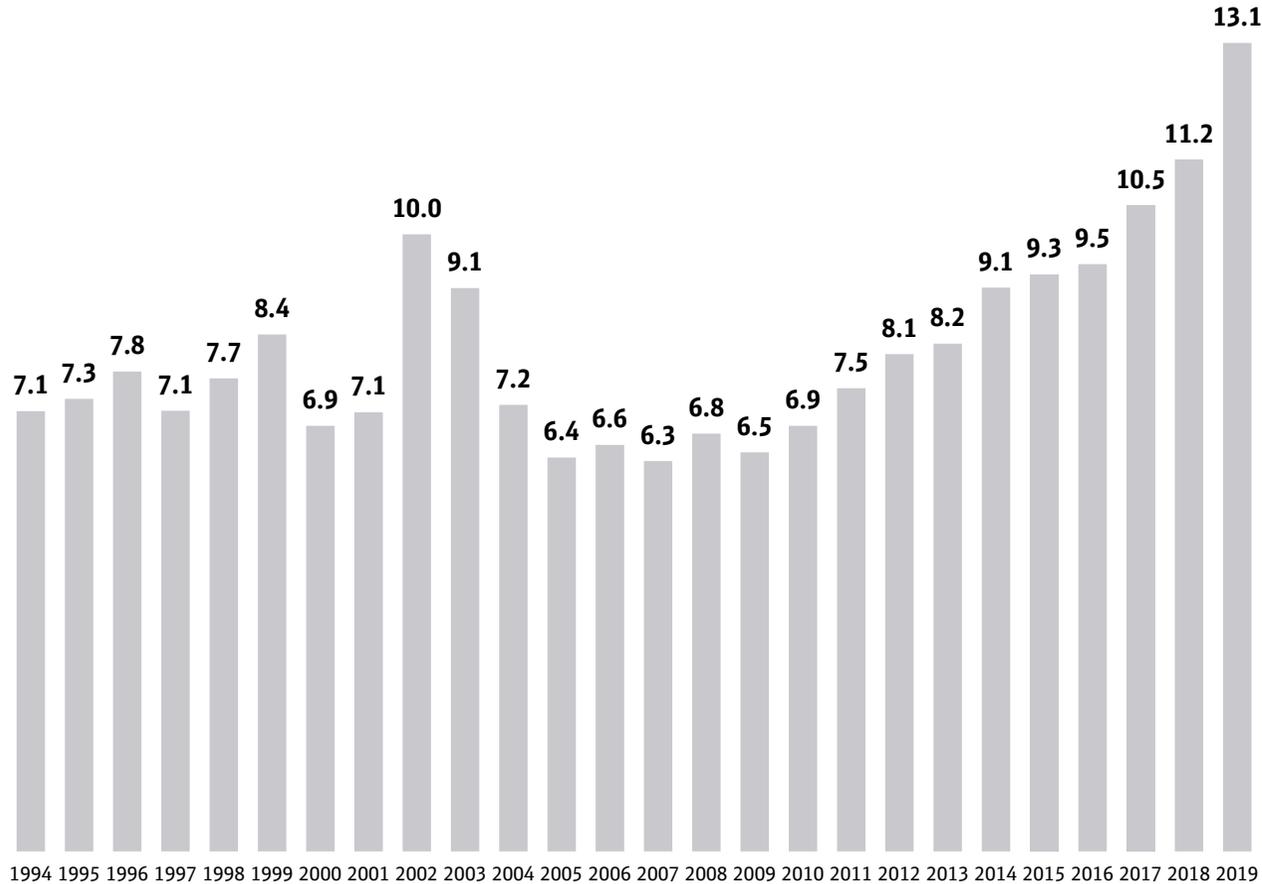
A5 Track Record

A5

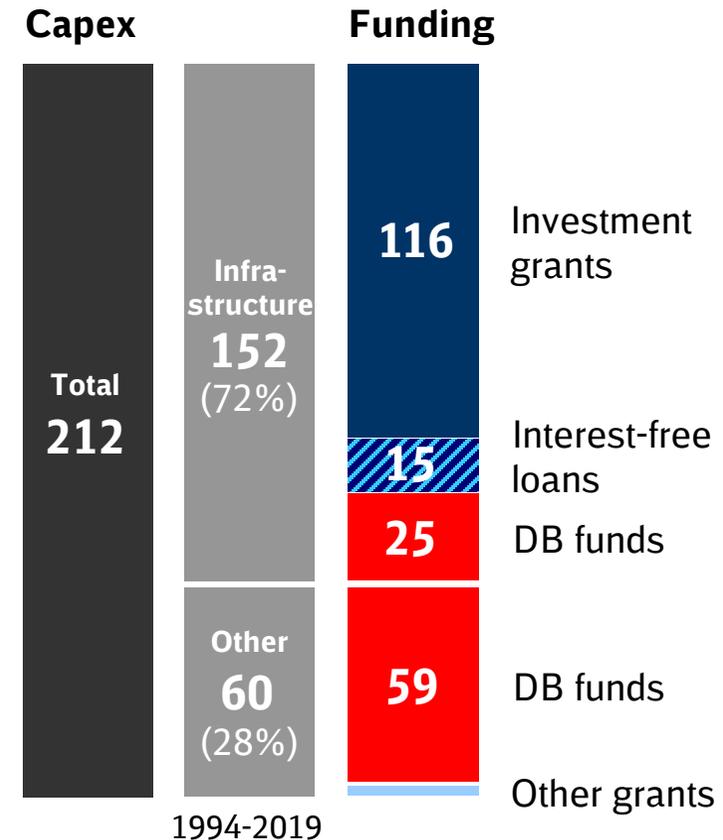


High capex level since 1994 for major overhaul of rail system

Gross capital expenditures (€ bn)



Structure and source of funds (€ bn)



Development since 2004



(€ mn)	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004
Rail passenger volume sold (mn pkm)	98,402	97,707	95,854	91,651	88,636	88,407	88,746	88,433	79,228	78,582	76,772	77,812	74,792	74,788	72,554	70,260
Rail freight volume sold (mn tkm)	85,005	88,237	92,651	94,698	98,445	102,871	104,259	105,894	111,980	105,794	93,948	113,634	98,794	96,388	88,022	89,494
Revenues	44,431	44,024	42,704	40,576	40,403	39,728	39,107	39,296	37,979	34,410	29,335	33,452	31,309	30,053	25,055	23,962
Profit before taxes	681	1,172	968	706	-932	937	876	1,525	1,359	900	1,387	1,807	2,016	1,555	490	154
EBIT adjusted	1,837	2,111	2,152	1,946	1,759	2,109	2,236	2,708	2,309	1,866	1,685	2,483	2,370	2,143	1,350	1,011
EBITDA adjusted	5,436	4,739	4,930	4,797	4,778	5,110	5,139	5,601	5,141	4,651	4,402	5,206	5,113	-	-	-
Cash flow from operating activities	3,278	3,371	2,329	3,648	3,489	3,896	3,730	4,094	3,390	3,409	3,133	3,539	3,364	3,678	2,652	2,736
Total assets	65,828	58,527	56,436	56,324	56,059	55,883	52,894	52,525	51,791	52,003	47,303	48,193	48,529	48,440	47,101	47,616
Gross capex	13,093	11,205	10,464	9,510	9,344	9,129	8,224	8,053	7,501	6,891	6,462	6,765	6,320	6,584	6,381	7,238
Net capex	5,646	3,996	3,740	3,320	3,866	4,442	3,412	3,487	2,569	2,072	1,813	2,599	2,060	2,836	2,362	3,251
Ratings (Moody's/S&P)	Aa1/AA	Aa1/AA-	Aa1/AA-	Aa1/AA-	Aa1/AA											
Employees (as of Dec 31)	323,944	318,528	310,935	306,368	297,202	295,763	295,653	287,508	284,319	276,310	239,382	240,242	237,078	229,200	216,389	225,632

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(from left to right) Katharina Czogalla, Kim Julia Zander, Robert Allen Strehl, Sascha Friedrich, Larissa Wandert-Ribeiro

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