



What next? Current developments of Deutsche Bahn

12th UIC Workshop on Railway Noise & Vibrations

Paris, March 19th 2019

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This is green.

Climate protection.
Nature conservation.
Deutsche Bahn.

Noise protection is a central company goal of DB: Halving rail traffic noise by 2020 is based on two approaches

Infrastructure

2,000 track kilometers will be upgraded



Freight wagons

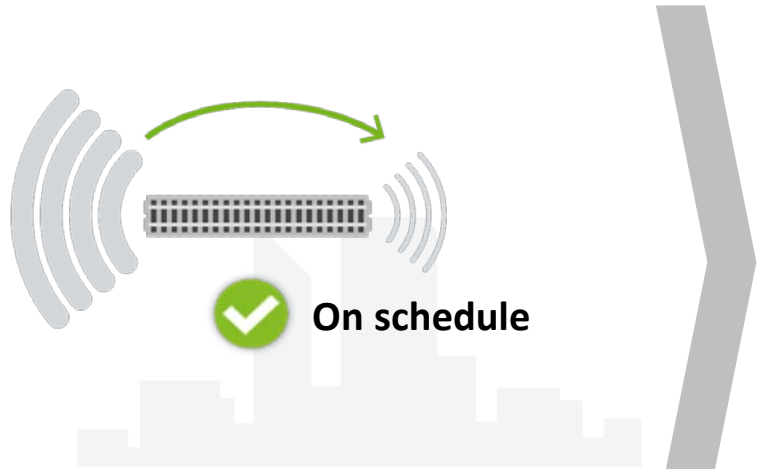
63,000 silent freight wagons from DB Cargo*



*Total, nationwide effect only through retrofitting of all wagons running in Germany by domestic and foreign wagon keepers and railway undertaking (approx. 180,000 freight wagons)

We are on schedule to achieve our goal of halving rail traffic noise by 2020

Status at the end of 2018



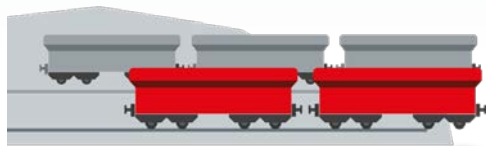
On schedule



Ca. 740 kilometers
noise barriers built



Ca. 60,640 apartments
equipped with
passive measures

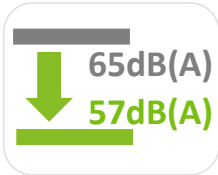


On schedule

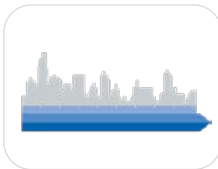
Ca. 50,400
silent freight wagons

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For the period after 2020, we focus on innovative technologies, research and development



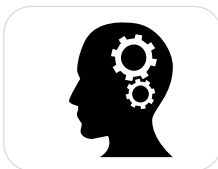
Due to the cancellation of the rail bonus of 5 dB(A) and the reduction of the trigger values by 3 dB(A), a **fundamental revision** of the noise abatement program on existing lines was **published in January 2019**. This is an enormous challenge due to the **higher level of protection** for more residents.



The **new national funding guideline** of the **noise abatement program** on existing lines supports the use of **innovative technologies**, in particular to increase the **acceptance** of noise mitigation measures by local residents.



The German **“Railway Noise Mitigation Act”** prohibits the use of noisy freight wagons from 2020.



High maintenance costs for active noise abatement measures on track and for vehicles and innovations **require further research**. DB therefore welcomes the **Centre for Rail Transport Research**, which was established by the German Federal Government.

The future belongs only to a quiet railway.
Noise protection remains a permanent task.

Thank you for your attention!



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