



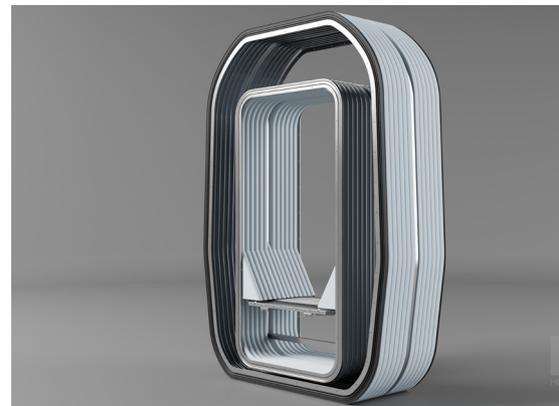
# HÜBNER Fairing System

## Corrugated Bellows with Rectangular Configuration

- Fairings are a type of corrugated bellows providing a flush connection to the contour of the rail vehicle.
- Gangways can be equipped with fairings that provide improved aerodynamics
- The resulting reduction in air resistance allows energy savings of up to 4%

### Special features:

- Provides a smooth and virtually flat surface
- No seams visible at the corners
- Less visible wear
- Facilitates advanced configurations, curves, reduced space requirements
- Superior sound insulation (a closed interior bellows + a closed wind fairing system = 40 dB)



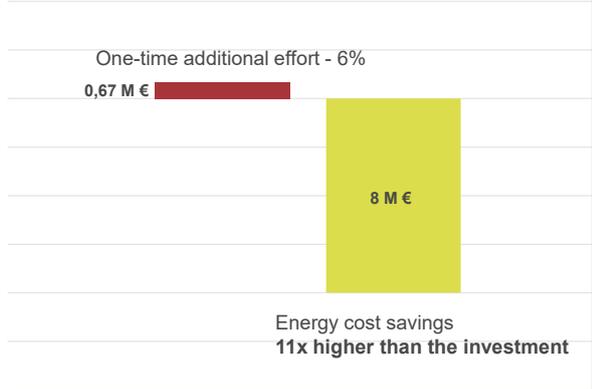
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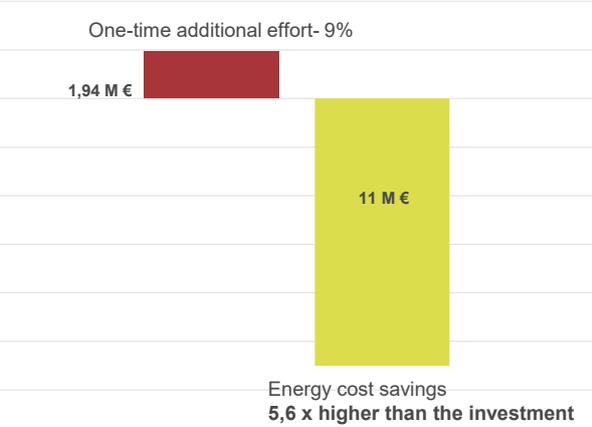


# Energy cost-saving potential

**High-speed train**  
with Jacobs bogie – 450 ICD



**High-speed train**  
Without articulation (conventional) – 800 ICD



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