

JNS and railway resiliency

Conference on Rail Resilience to Climate Change,
Warsaw 16 June 2025

Version 1.0



EUROPEAN
UNION
AGENCY
FOR RAILWAYS

Version history:

- JNS = Joint Network Secretariat
- National Safety authorities and railway actors
- Task forces of experts chaired by ERA
- Solving issues of EU relevance
- Outcome published on ERA website
 - risk control measures, action plans etc.
 - proposals for changes in regulations and standards
 - identification of research needs

➤ **Great Belt bridge (GBB) Accident 2 January 2019**

Semi-trailer blown-off a pocket wagon caused by crosswind, 8 fatalities

➤ **GBB Incident 13 January 2021**

Semi-trailer moved outside the loading gauge cause by crosswind

➔ **Semitrailers not correctly secured**

- wrongly positioned
- no sufficient locking

➔ **Risk control regarding overturning unclear**

- **AMOC for loading and securing of semi-trailers**
published December 2024
- **WAG TSI Requirements on devices to secure semi-trailers**
RISC vote envisaged in meeting #106, 03.07.2025
- **Guidance for IMs on holistic risk assessment of freight transport on crosswind exposed infrastructure**
ongoing until end 2025
 - *interface RU/IM*
 - *risk scenarios*
 - *best practises for wind monitoring*
 - ...