

## Smart rail backbone

1. 5G based CCS: FRMCS
2. Create interoperable train paths
3. Connect different railway systems
4. Insuring Safety / Security in the digital age

## Contribute to change rail perception:

- Delivering a system vision of rail as a backbone
- Setting-up capabilities for installing rail as the mode of transport for the future:
  - Economical in energy and public space
  - Scalable
- Use of AI for network management: digital twins

⇒ Associate new words to railway:  
**flexibility, simplicity and liberty.**

## Extended standards for interfaces management

1. Multimodality
2. Interfacing with other regulations: customs, public transport.
3. Creating and securing common data models and exchange protocols