



*renfe*

*Dirección General de Servicios  
de Alta Velocidad - Larga Distancia*

# High Speed Rail Infrastructure

## An Operator Perspective

## We are all part of one “Supply Chain”



Infrastructure

Operator

**Customer**

## “Tracks”



## Systems



- Before Construction
  - Direct and indirect operating costs
  - Customer needs
  - ...
- After Construction
  - Reliability
  - Performance Alignment
  - ...

The challenge begins with  
the daily delivery of the  
Service

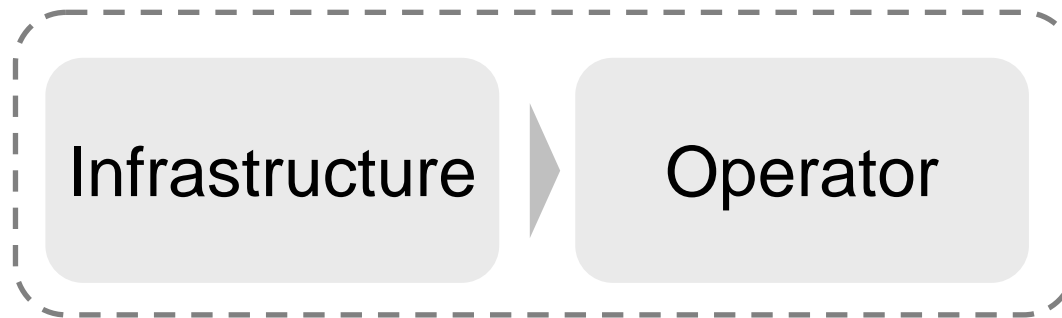
## Stations



Key part of the Supply Chain

*The only one visible to the  
Customer*

- Attractiveness
- Functionality
- Intermodality



- Both share many common goals
  - Safety
  - Efficiency
  - Service
  - Profitability
  - ...
- Both must work together, local optimization is likely to result in a system that suboptimal



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