European Railway Agency

An agency of the European Union

Competitiveness of the European Railway System and the Enhanced Role of ERA

Séminaire Eurodigirail
sur la Continuité numérique de filière ferroviaire

Saint-Denis, 22/03/2016

Dr. Josef Doppelbauer, Executive Director

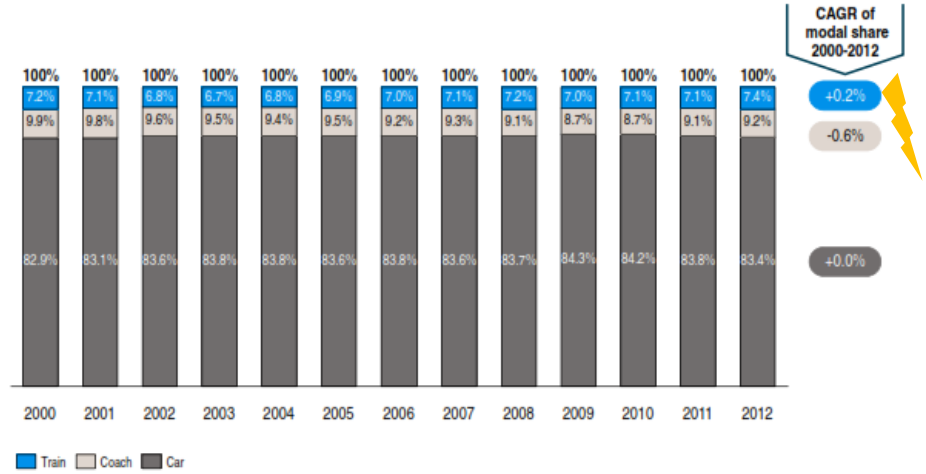
Make Rail More Competitive

- Market opening
- International operation
- Interoperability
- Safety

Gradual migration to the **optimal level of harmonisation**

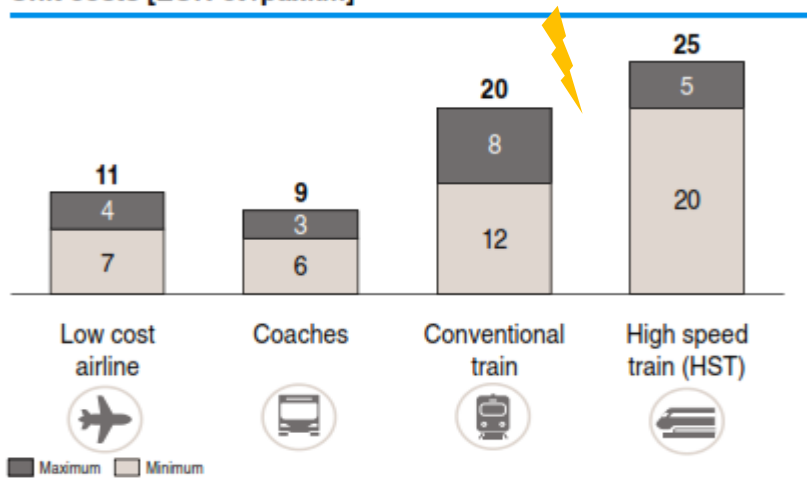
Railways in Europe …

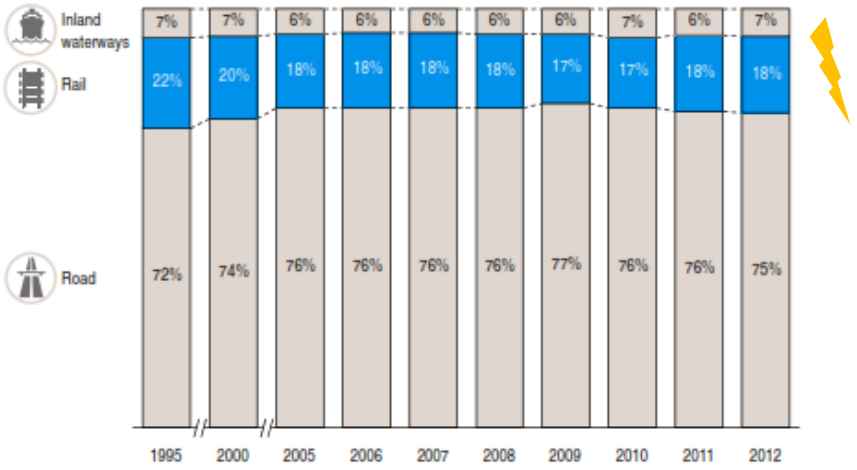
Modal split of passenger transport [EU-28, % of passenger-km]



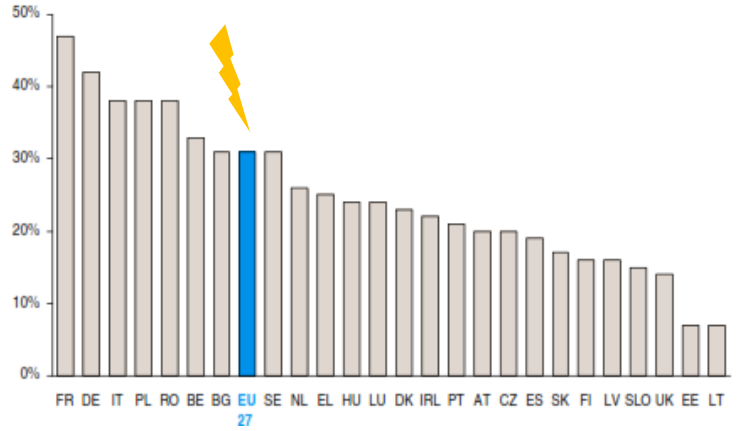
Cost level per transportation mode

Unit costs [EUR-ct /paxkm]





Dissatisfaction of passengers with punctuality [2013, % of respondents][1)]



Source: Roland Berger, Eurostat

European railways have issues with cost, quality, and market share

A View to other Transport Modes

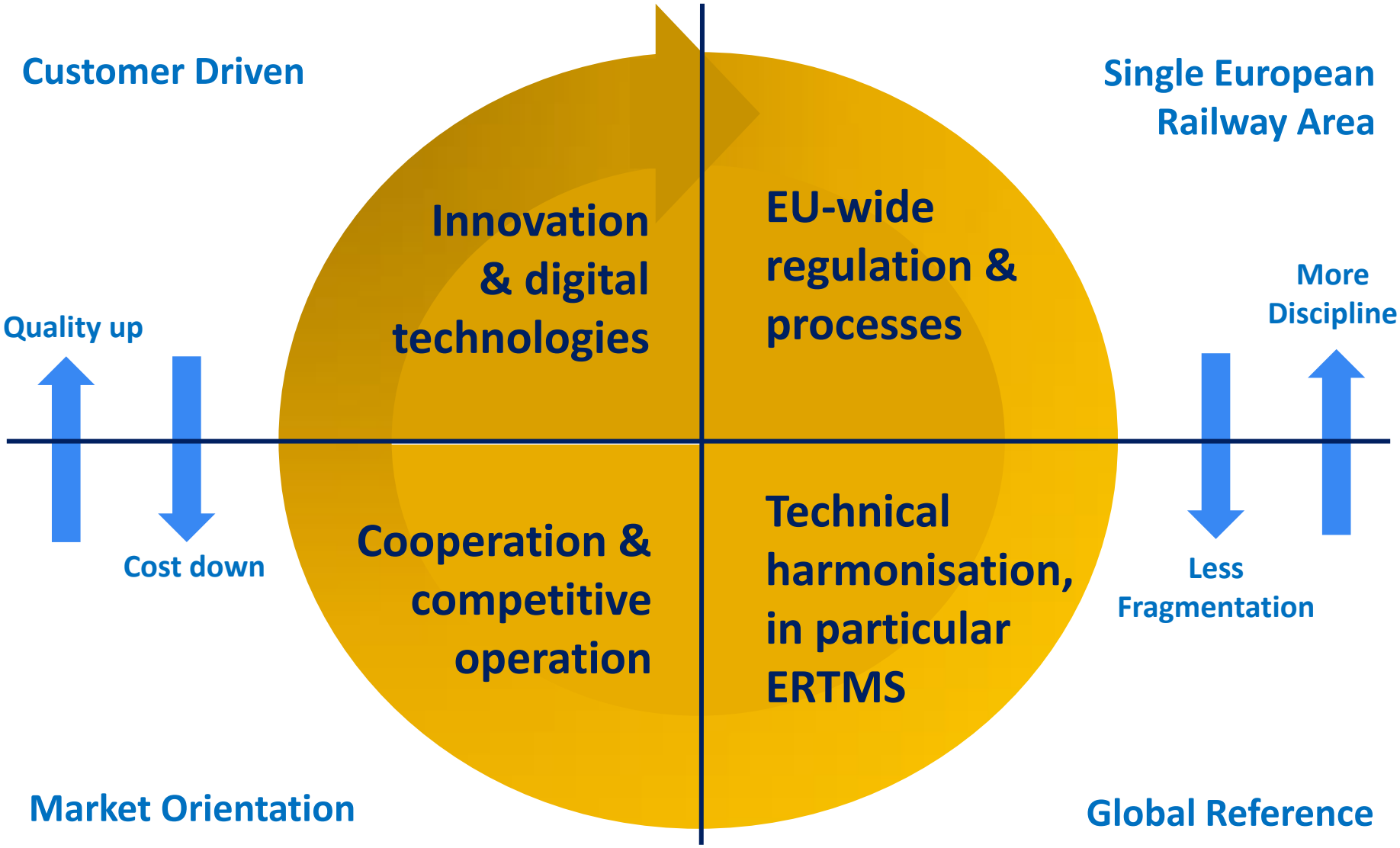
- Boeing 737 family 4 000 units
- Airbus 320 family 3 000 units

- TGV (seven types) 550 units
- Shinkansen family approx. 600 units

Digital Railways in Europe

- Some European railway undertakings are investing heavily in digitalization
- Many customer-focused developments are underway
- The focus is on company use and not on a wider strategic agenda

Making the Rail System Work Better for Society



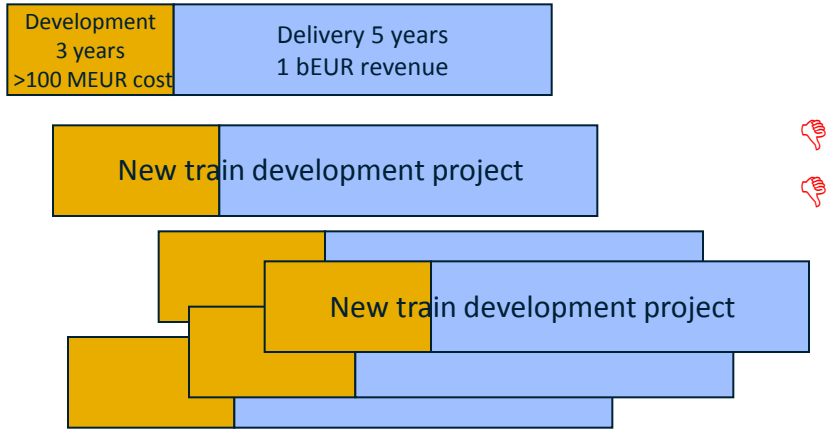
Benefits of a Harmonized Approach

Interoperability without borders

Innovation without re-inventing the wheel

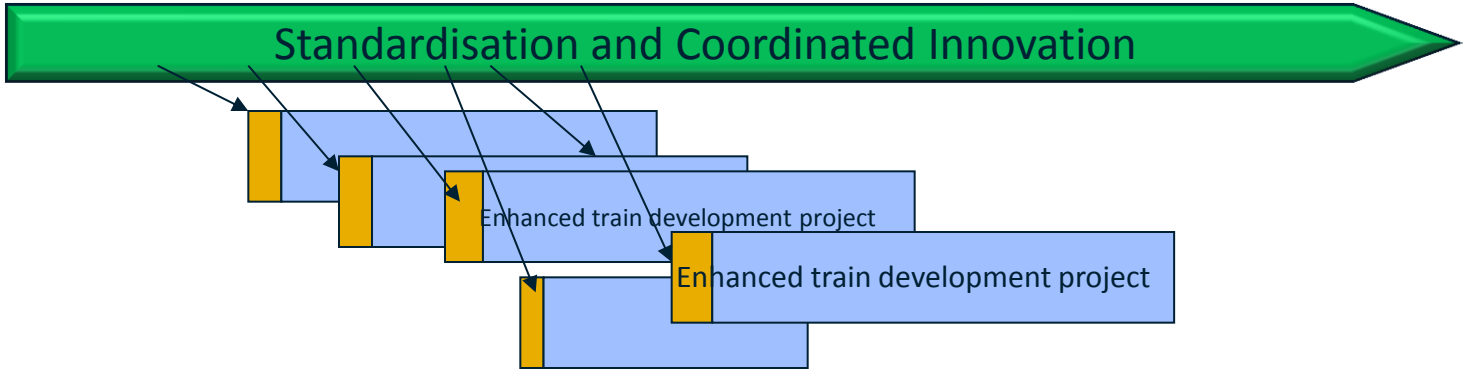
The Vision

From



- Fragmented national markets
- Project specific design

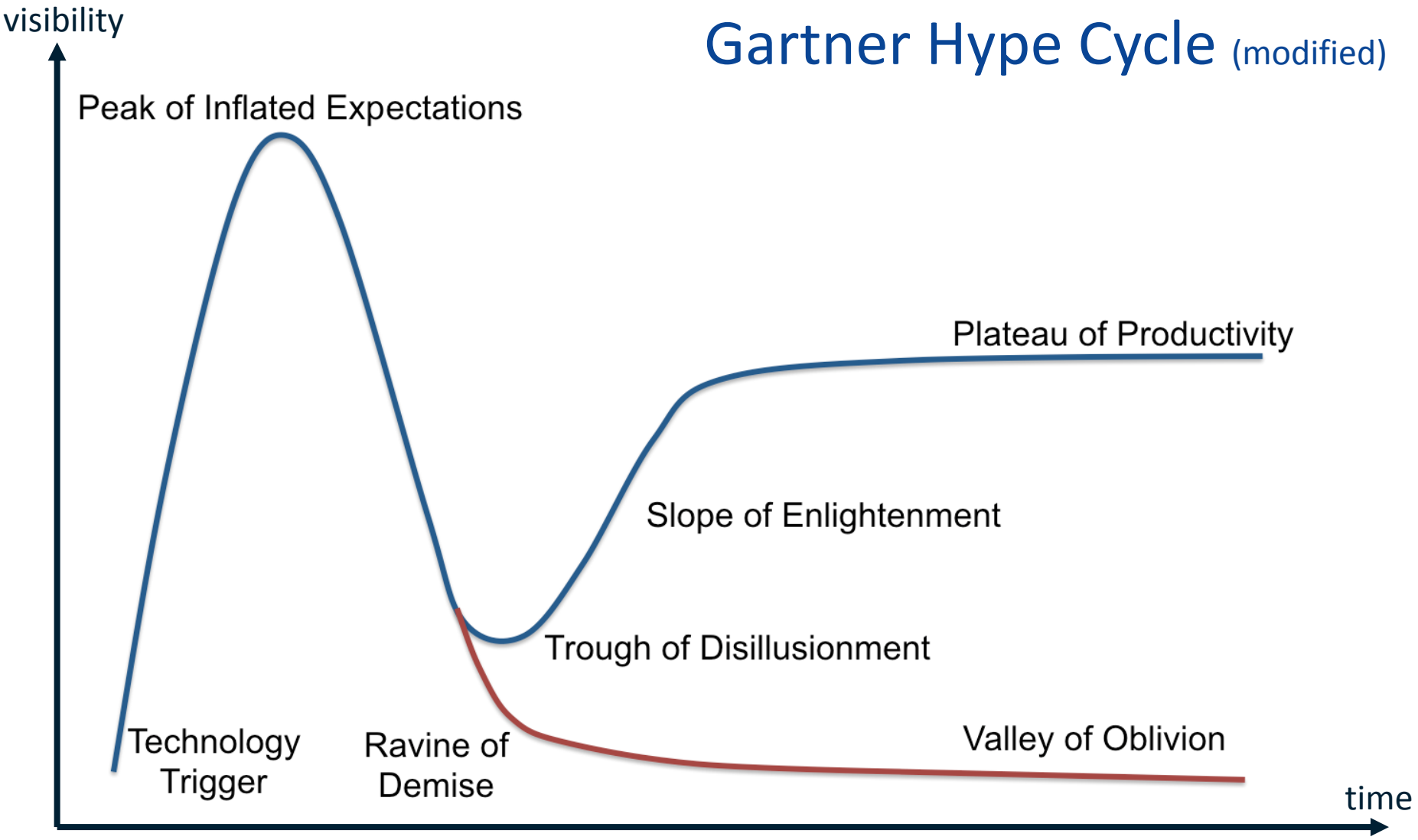
To



Lower costs, better quality for customers, better margins for suppliers

Attention!

Gartner Hype Cycle (modified)



Launched in 2013 – "Completing the Single European Railway Area"

Technical Pillar

- ERA Regulation
- Interoperability Directive
- Railway Safety Directi

Enhanced role of ERA in safety certification of RUs, vehicle authorisation, approval of ERTMS track-side technical solution – "One-Stop Shop"

Consistent approval procedures for rail interoperability and safety

Entry into Force mid-2016

Political/

ne domestic
enger market

Create better structures and governance for infrastructure managers

Vehicle Authorisation under the 4th Railway Package

Applicant submits request for VAPIM to the **One-Stop-Shop** (managed by ERA)

- Specifying the area of use of the vehicle
- Including relevant documentation

ERA/NSA issues VAPIM

(or communicate negative decision)

- Within 4 months from reception of complete documentation
- Following detailed rules established in an Implementing Act

Vehicle registration (upon keeper's request)

Using its SMS, RU checks, including:

- Route compatibility
- Proper integration in the train composition

⇒ No need of „additional authorisations"
if vehicle stays within area of use, conditions for use and restrictions

VAPIM = Vehicle Authorisation for Placing Into the Market (Article 20 ID)

A Sustainable Europe Through Rail

Less cost

More quality

More capacity

- More passengers
- More goods

More Green

We do not cheat

European Railway Agency

Making the railway system work better for society.

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