## **Competition in Italy**

Adj. Prof. Dr. Andrea Giuricin Transportation Economist at University Milan Bicocca CEO - TRA Consulting Special Consultant for ITALO-NTV Senior Rail consultant at WORLD BANK Former Visiting Professor at China Academy Railway Sciences, Beijing, China

26<sup>th</sup> of November 2020

### **Experience of competition**

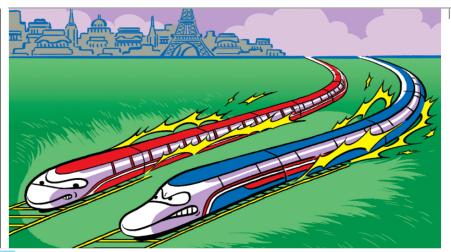
Q Search

Bloomberg Businessweek

#### The Discount Airline Model Is Coming for Europe's Railways

 Ryanair and EasyJet transformed low-cost continental travel. Get ready for no-frills trains.

By Carol Matlack



🔅 REUTERS	World	Business	Markets
-----------	-------	----------	---------



Energy & Environment

North Korea Charged: The Future of Autos

ture of Autos Future of Money

Breakingviews

MARKET NEWS JANUARY 23, 2018 / 6:38 PM / 8 MONTHS AGO

Brexit

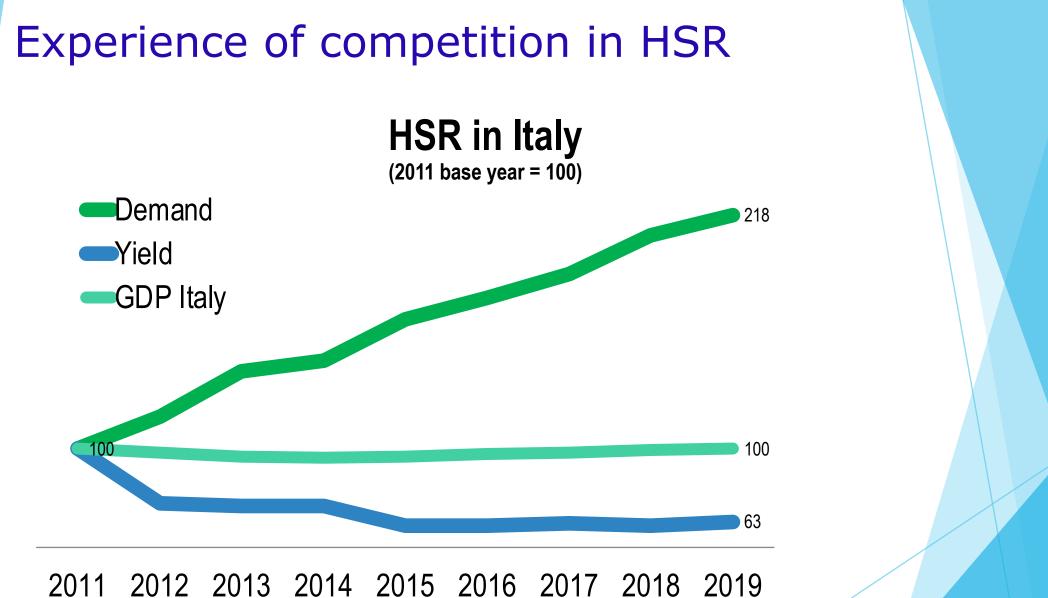
## Destination Europe for Italian high-speed rail upstart

Politics TV

"In the next few years trains will be extremely important in Europe and our business model can be exported very easily elsewhere," Luca Cordero di Montezemolo, Italo's co-founder and chairman, told Reuters in an interview at the company's headquarters in Rome.

The rewards could be large in a European high-speed rail market that is estimated to grow by 70 percent to over 27 billion euros (\$33 billion) in annual revenue by 2025, according to data from TRA Consulting.

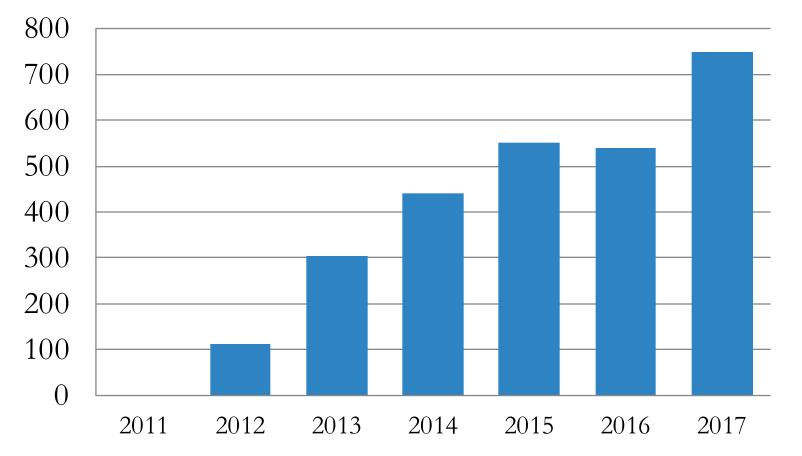


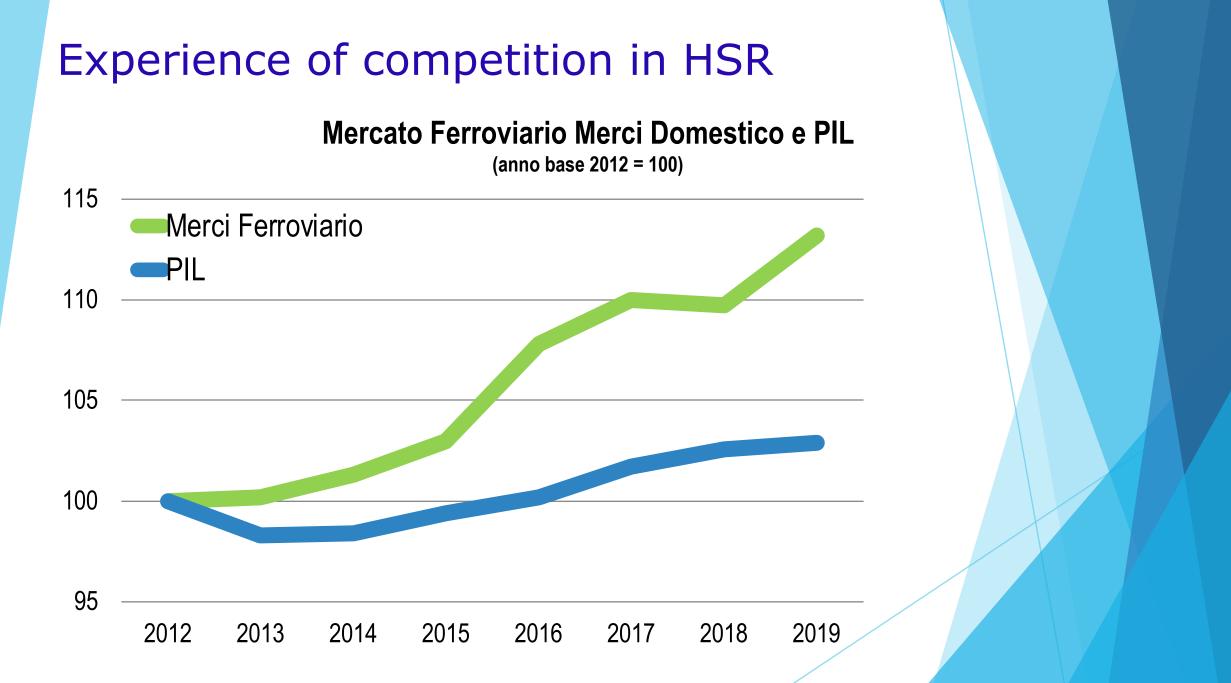


Source: Elaboration from datas of the companies

## Experience of competition in HSR

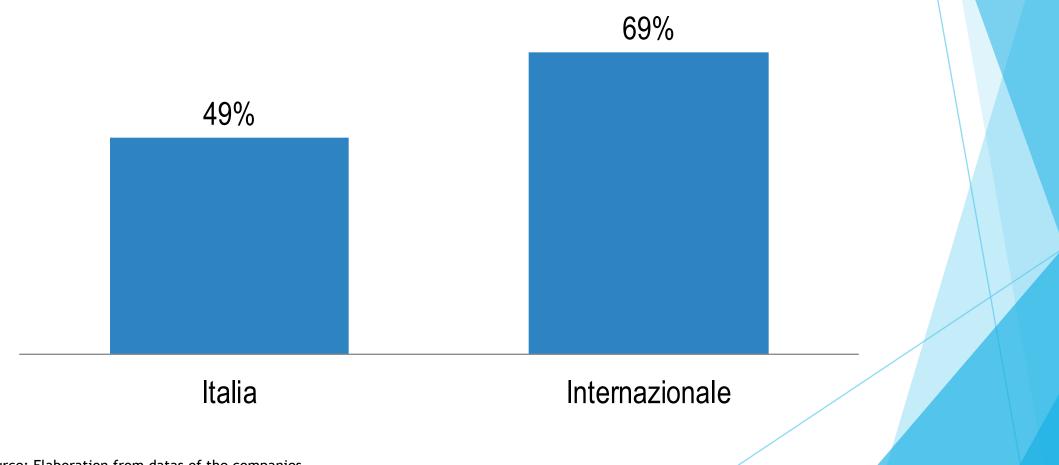
Mercato annuale aggiuntivo AV rispetto al 2011 (in milioni di euro)





## Experience of competition in HSR

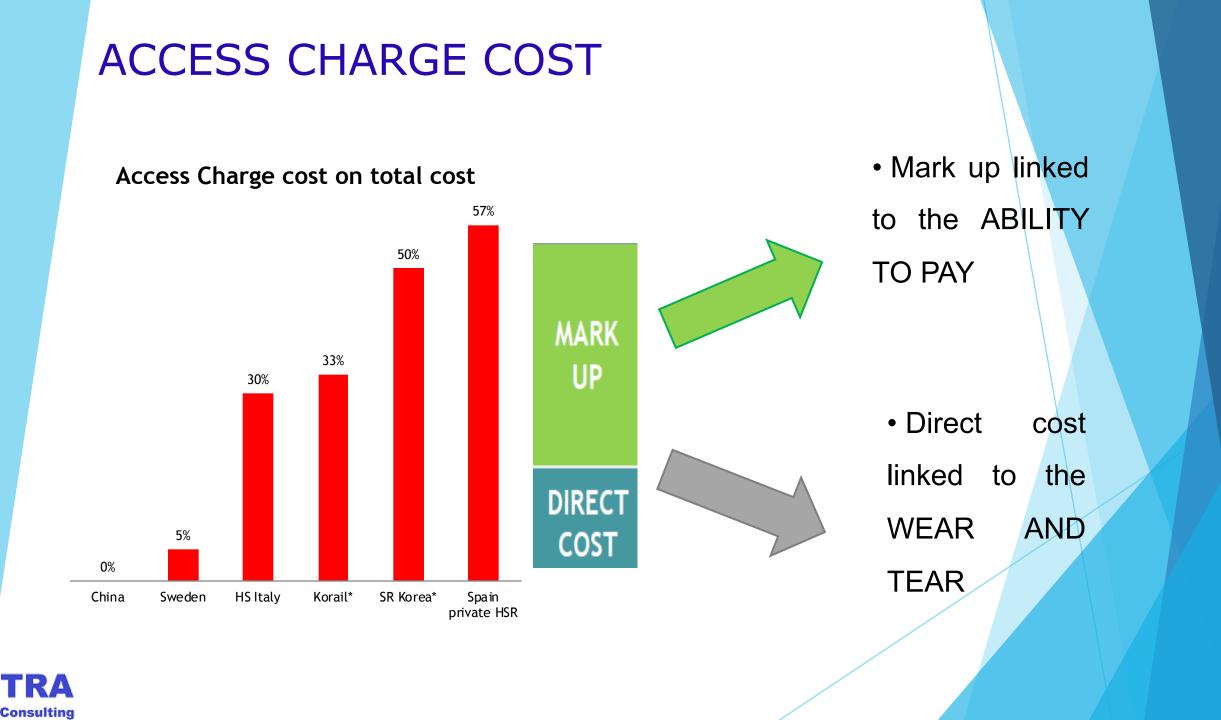
Quota di mercato nuovi entranti nel mercato ferroviario merci



Source: Elaboration from datas of the companies

### Train could be competitive with other transport mode **Rome - Milan Modal Share** 78% 58% 50% 36% Which kind of regulation? 32% 14% 14% 10% 8% 2012 2008 2018 (Est) HSR ■ Air ■ Road

TRA Consulting Source: TRA consulting



#### Source: Elaboration from datas of the companies

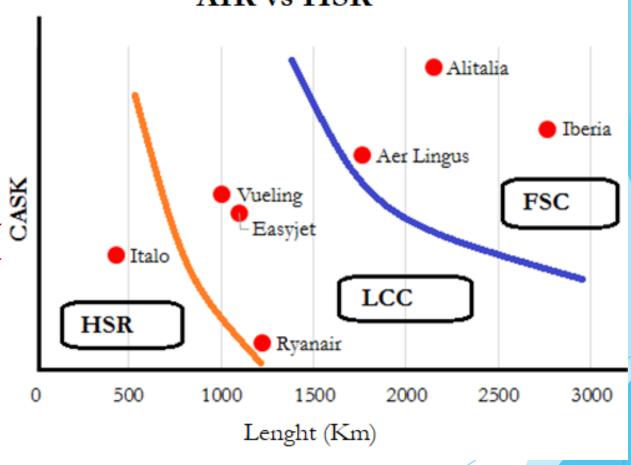
### Reduction of cost

Access charge (from 0% to 60%)

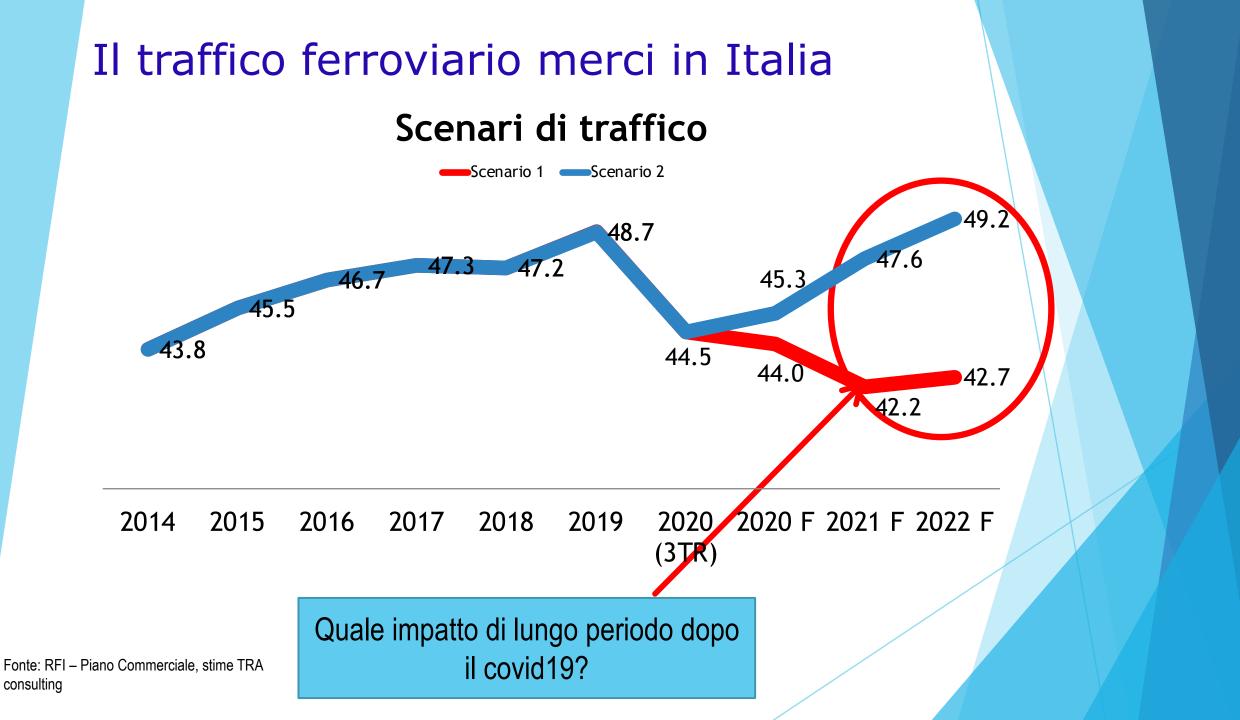
➢OpEx

- Maintenance contract,
- Optimization of the space on board,
- Running cost,

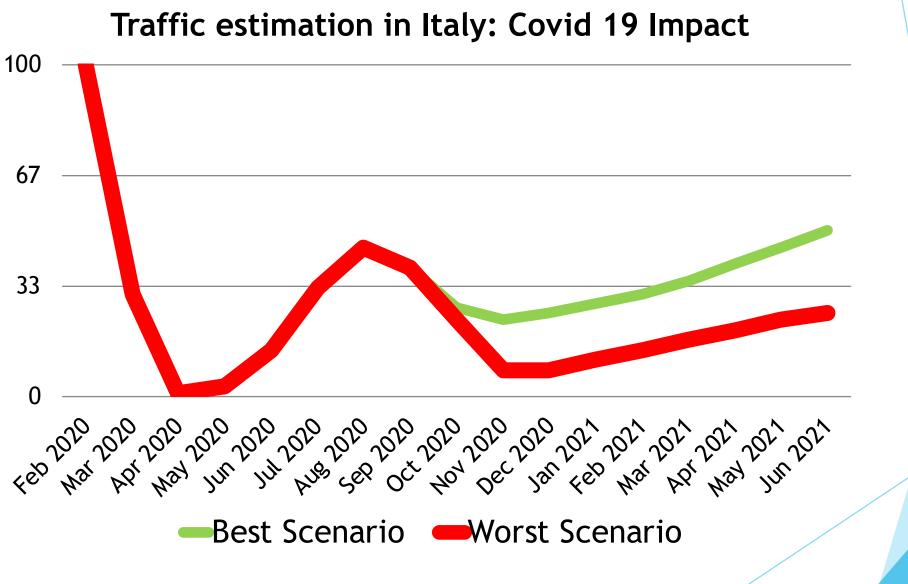
• IT cost



AIR vs HSR



## HSR in Italy



Source: Rail Companies Data estimation

TRA

Consulting

# THANK YOU FOR YOUR ATTENTION

Contact details:

Prof. Dr. Andrea Giuricin

Mob: +393386938369

Email: andrea.giuricin@unimib.it