

Survey among the Partner Companies of the MS Degree on Mobility Engineering

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# THE SURVEY

#### Questions about:

- How Covid-19 emergency is changing your own business and in general the overall mobility sector?
- What's the effectiveness and the sustainability of the list of the measures proposed for dealing with the emergency?

Views from Chief Executives of the partners of MS Mobility Engineering (including industries, consultancies and public transport companies)

























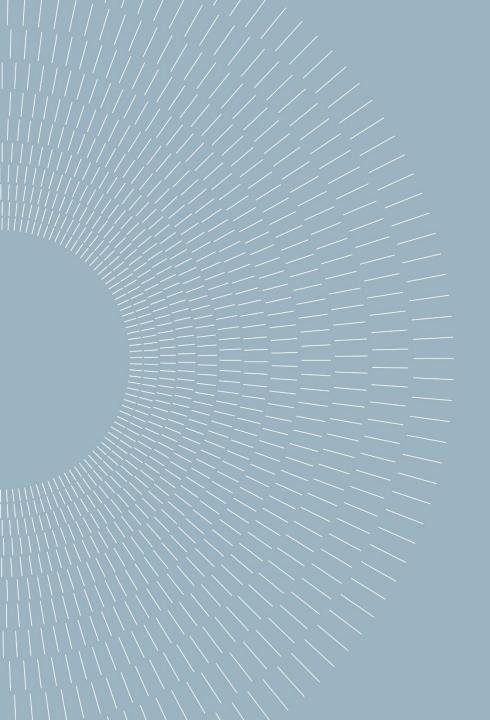












# IMPACTS ON BUSINESS AND MOBILITY

# DIFFERENT VIEWS FOR DIFFERENT BUSINESSES: industry & consultancies vs. public transport companies

"What impacts are you expecting on your own business in the shortperiod (September 2020) and in the medium-period (April 2021)?"

Short-period Medium-period

Service / Products
Demand / Costumers
Overall Market
Budget

PT Companies

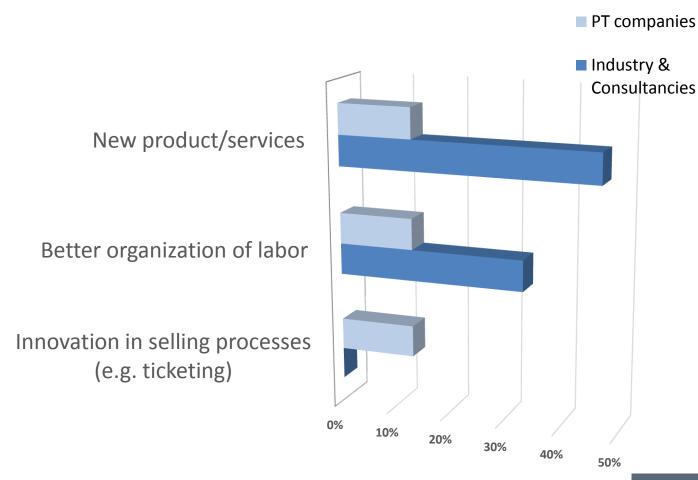
Short-period Medium-period

"PT sector has changed, we should be rethinking rules"

"PT revenues will not recover the level before the crisis"

**NEW OPPORTUNITIES FOR TRANSPORT SUPPLY** 

"What opportunities for your own business?"

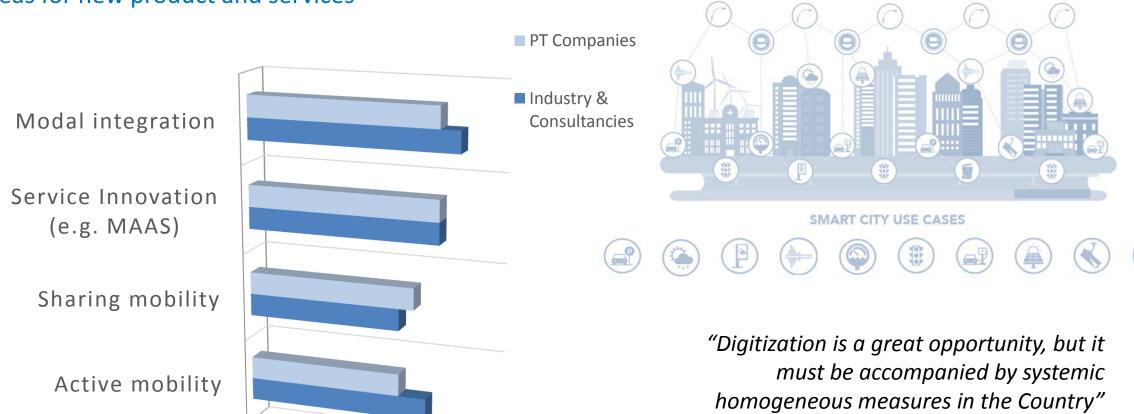




"New products and services to meet new demand needs."

# DIGITALIZATION PUSHING TOWARDS RAPID PROGRESSES

Areas for new product and services



## **BETTER ORGANIZATION OF LABOR**

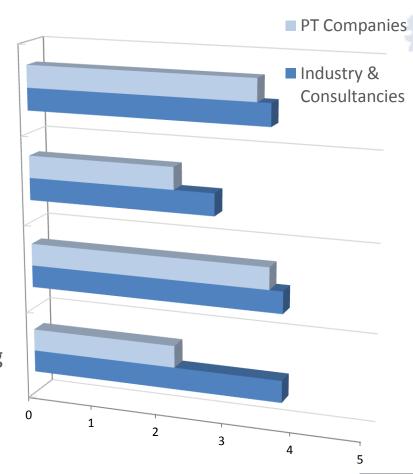
### Areas of improvement

Workplace safety

Less working journeys (employees)

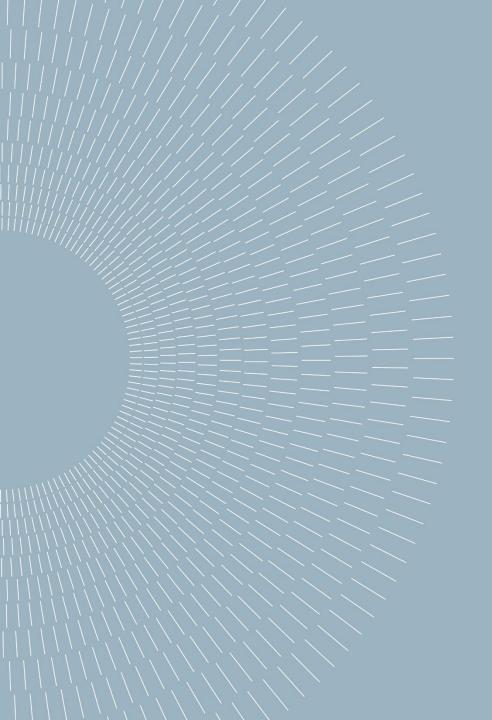
Less working journeys (manager)

More Smart-working



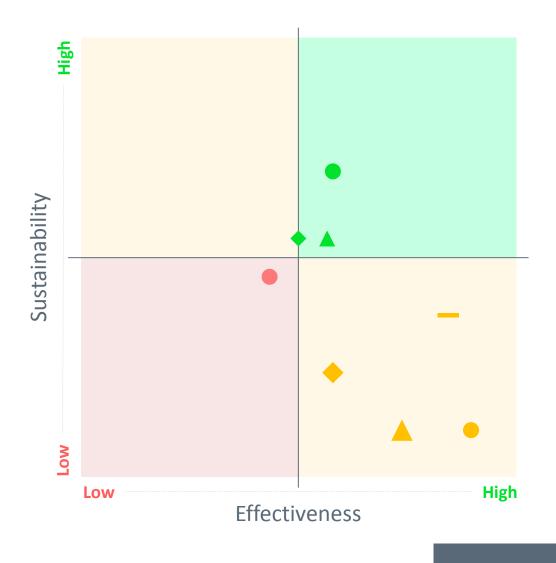


"Once the crisis is over, we will value videoconferences, spending less time and money on unneeded travel."



# MEASURES EFFECTIVENESS VS. SUSTAINABILITY

# **EFFECTIVENESS OF MEASURES (FOR PUBLIC TRANSPORT)**

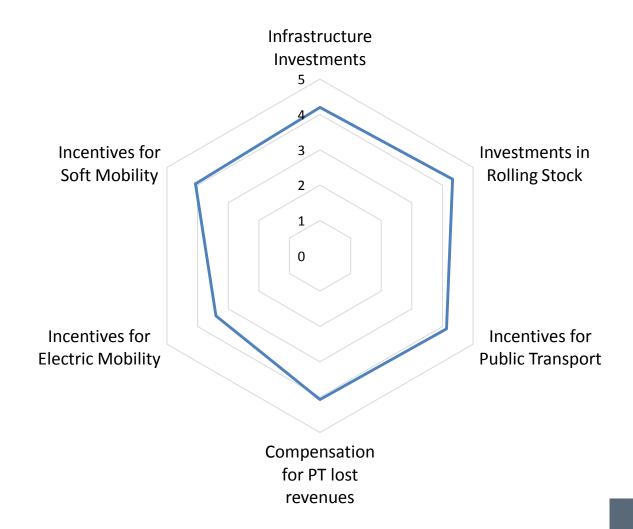


- Fares differentiated by time-of-day
- ▲ Seats with reservation required
- Access to stations/vehicles with reservation required for travel-time slots
- Use of protection masks and scan of body temperature
- ▲ Interpersonal distancing on-board vehicles
- ♦ Increase in PT service frequency
- Sanitization of vehicles

Demand-responsive / dedicated services

### **INCENTIVES VS. PUBLIC INVESTMENT**

"How much effective do you consider the following measures?"

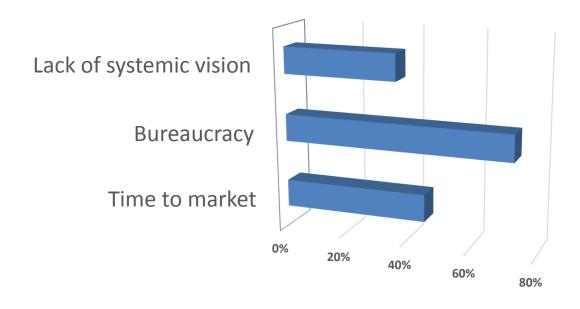




"Incentives do not change performances, but may address the future"

"Timing of response is crucial: some investment in the short/medium term cannot be delivered to the market (e.g. new infrastructure and rolling stock)"

# **CRITICAL ISSUES FOR IMPLEMENTATION**



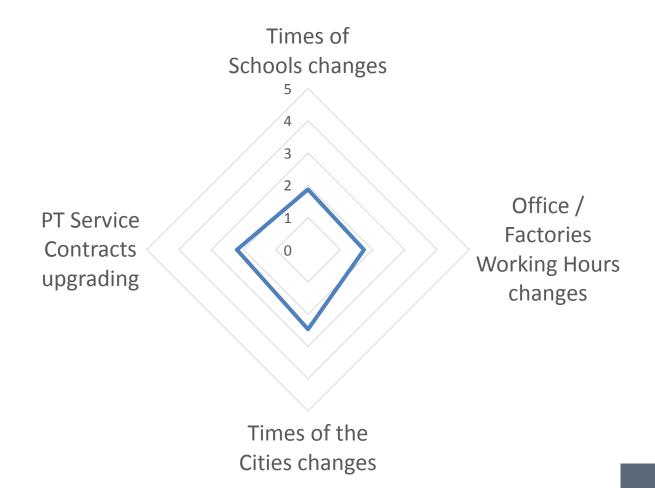
Overall high effectiveness is observed but critical issues are highlighted in respect to:

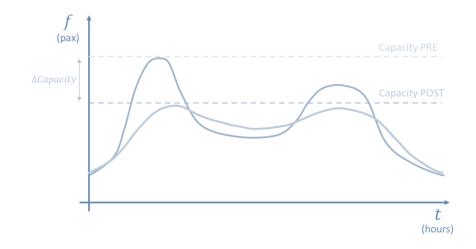
- Timing
- Bureaucracy
- Lack of systemic vision



## CAPACITY IN IMPLEMENTING REGUALATORY MEASURES

"How do you trust Public Administration in implementing the following measures?"





"Changes in times of the cities are difficult: too many stakeholders"

"We should be rethinking PT rules"

#### **CONCLUSIONS**

- different views between industry & consultancies / PT companies: the formers showing a slight optimism towards the future
- new opportunities to improve efficiency and for new product development
- proposed measures are effective, but some are not perceived as sustainable
- poor trust in administrative capacity to implement strong measures to reduce demand peak

