

# CityMobil2 results and future challenges

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[www.citymobil2.eu](http://www.citymobil2.eu)

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## What CityMobil2 is

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- A major European funded demonstration project
- 45 partners (7 universities and research centres, 8 technology providers, 12 cities)
- Which:
  - Demonstrated Automated Road Transport Systems for 4 years in European cities
  - Proposed a safety assessment procedure which can be applied in national legal frameworks for certification
  - Foresaw long term socio-economic effects of different automation scenarios

# Selected demo sites



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# The final video on some of the demos



# How many passengers have we carried so far?

• Oristano (Italy)	2 580
• La Rochelle (France)	14 660
• Lausanne (Switzerland)	7 000
• Vantaa (Finland)	19 000
• Trikala (Greece)	12 150
• Antibes (France)	4 000
• San Sebastian (Spain)	3 500
• Total	60 000+

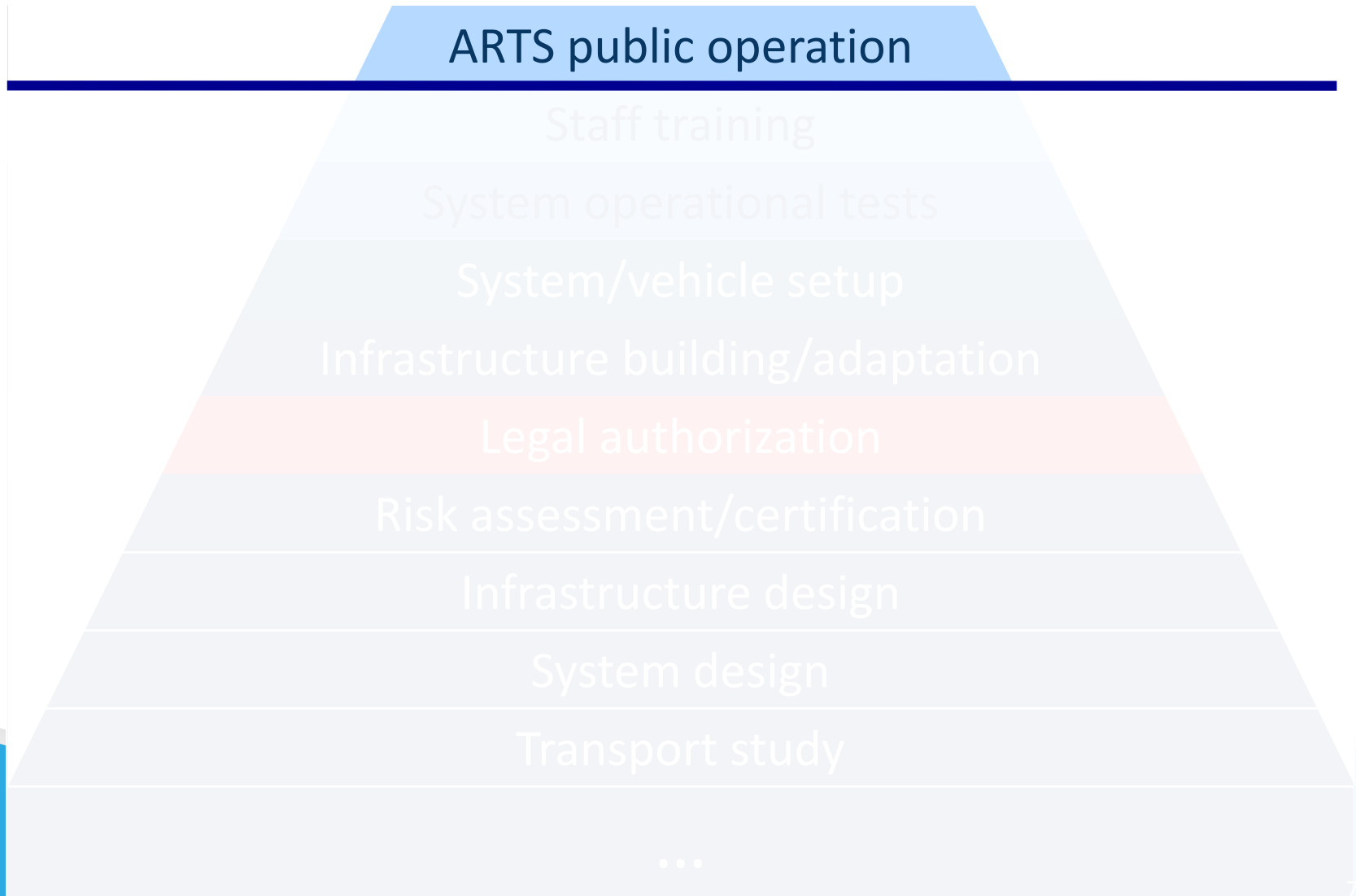
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## What did we learn?

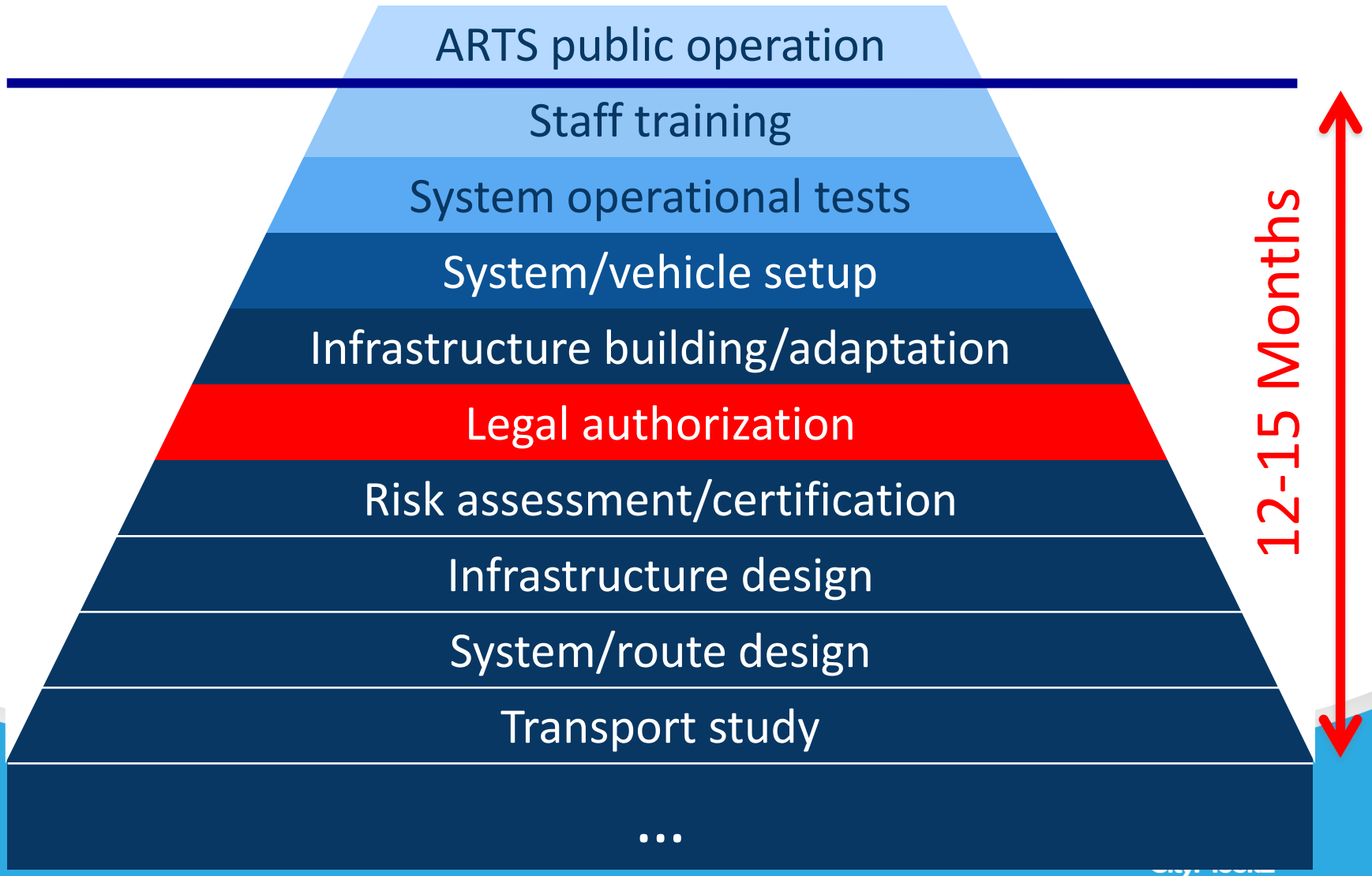
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- Full-automation is feasible today
  - Not by progressively aiding the drivers
  - Not with Google cars which pretend to rely entirely on the technology on board
  - With an integrated approach which uses a simple automation technology and careful consideration of the environment
- It opens unprecedented market possibilities
  - Last mile transport services can become profitable
  - Personalization of mobility transforms last mile transport services in service enablers

# ARTS Demonstrations: the tip of the iceberg

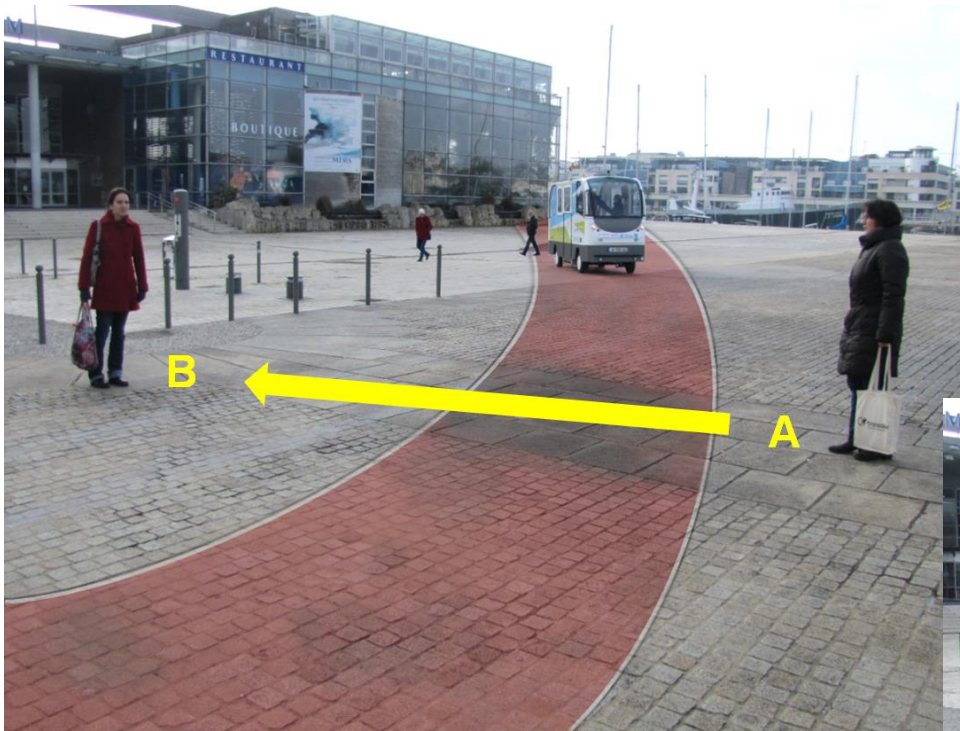


# ARTS Demonstrations: the tip of the iceberg





# Few examples of what we learned: Safety and Priority?

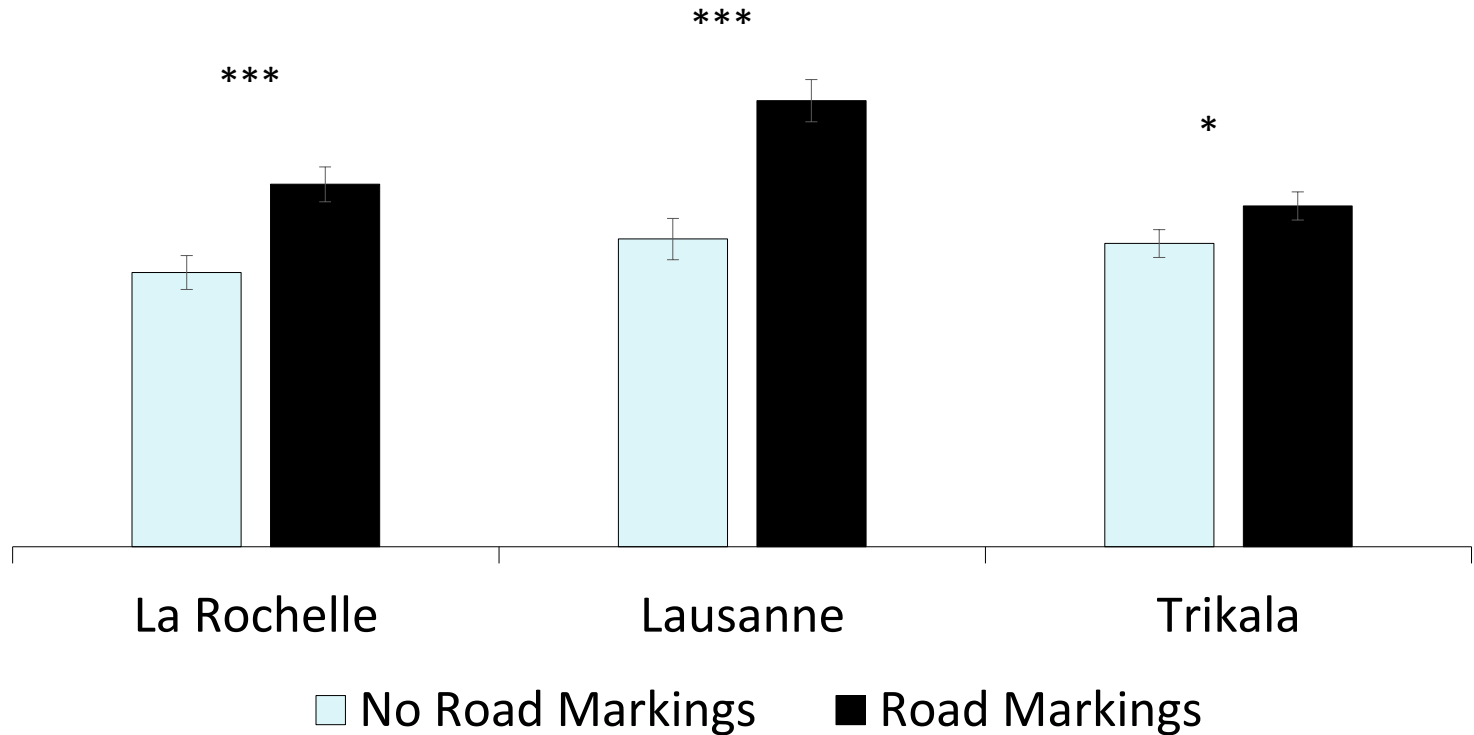


# Do you feel safe?

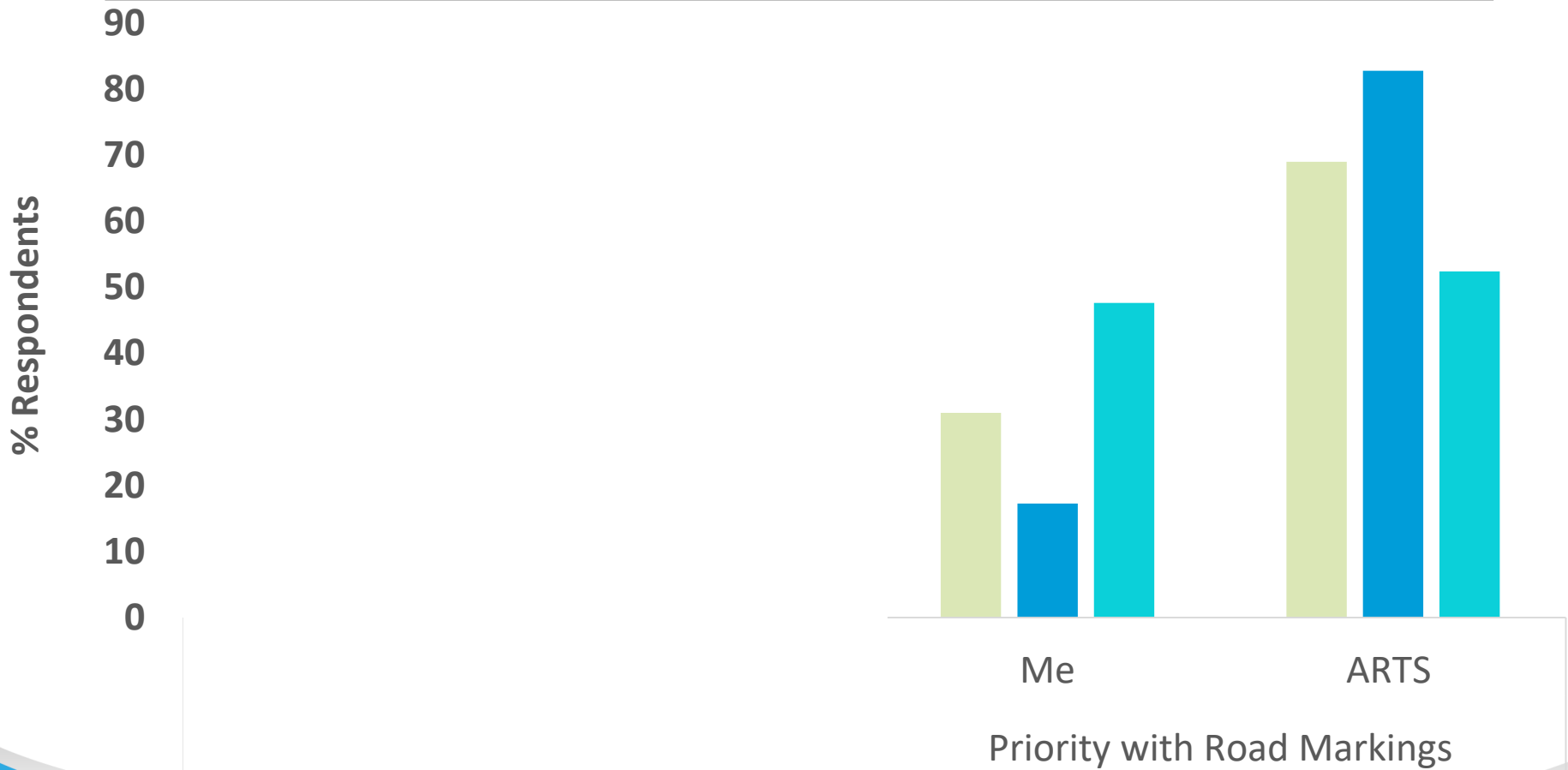
More safe

As Safe

Less Safe

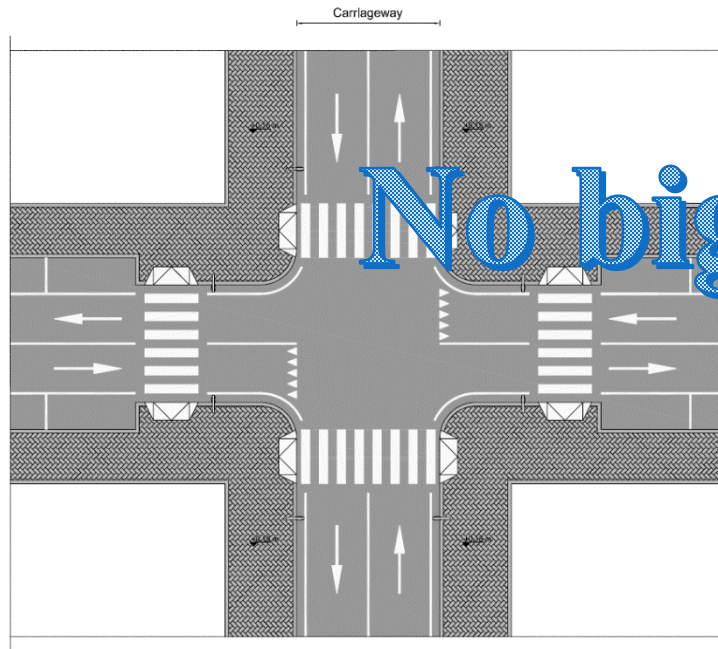


# Who has priority?



■ La Rochelle ■ Lausanne ■ Trikala

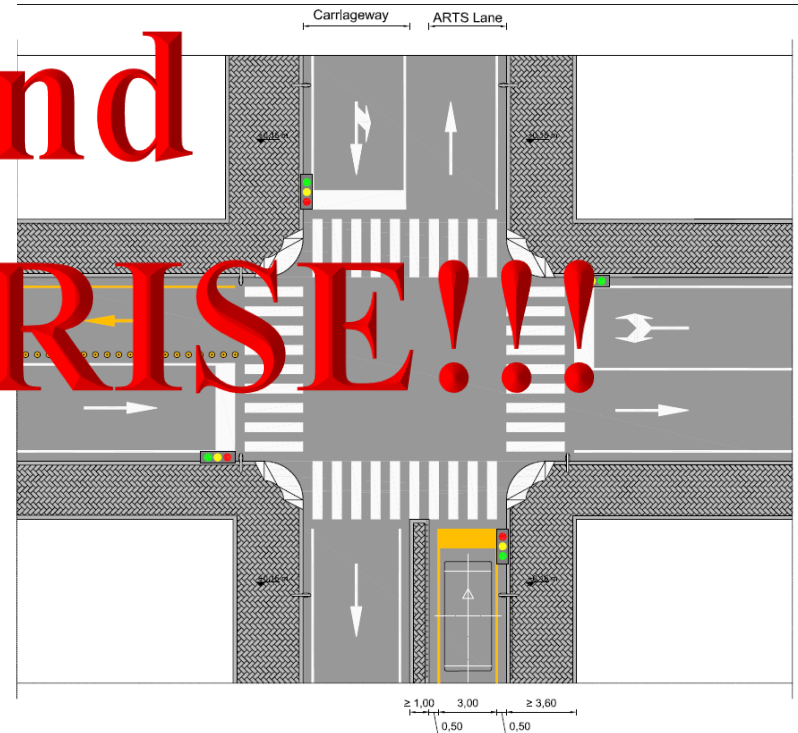
# How to safely integrate ARTS in cities



No big deal, is it?

and

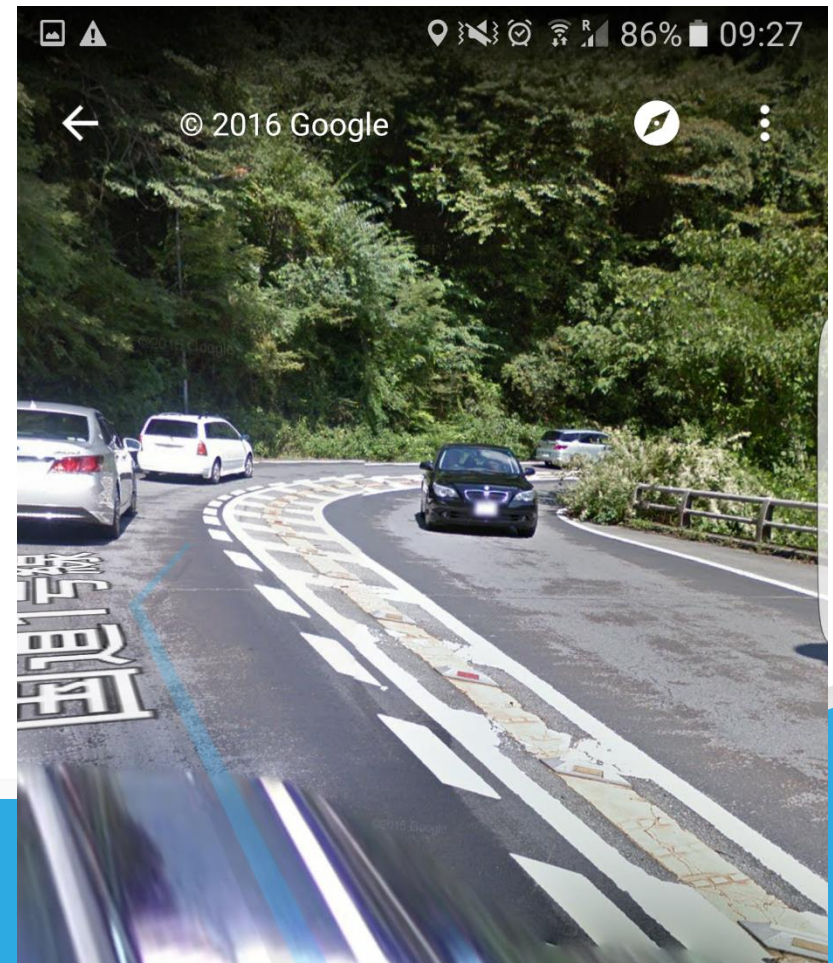
SURPRISE!!!





# In Japan these safety measures are already in place

## ✓ The mountain route to Hakone



## Overview of the results: Impact of extra-fare on the ARTS and Minibus preference shares

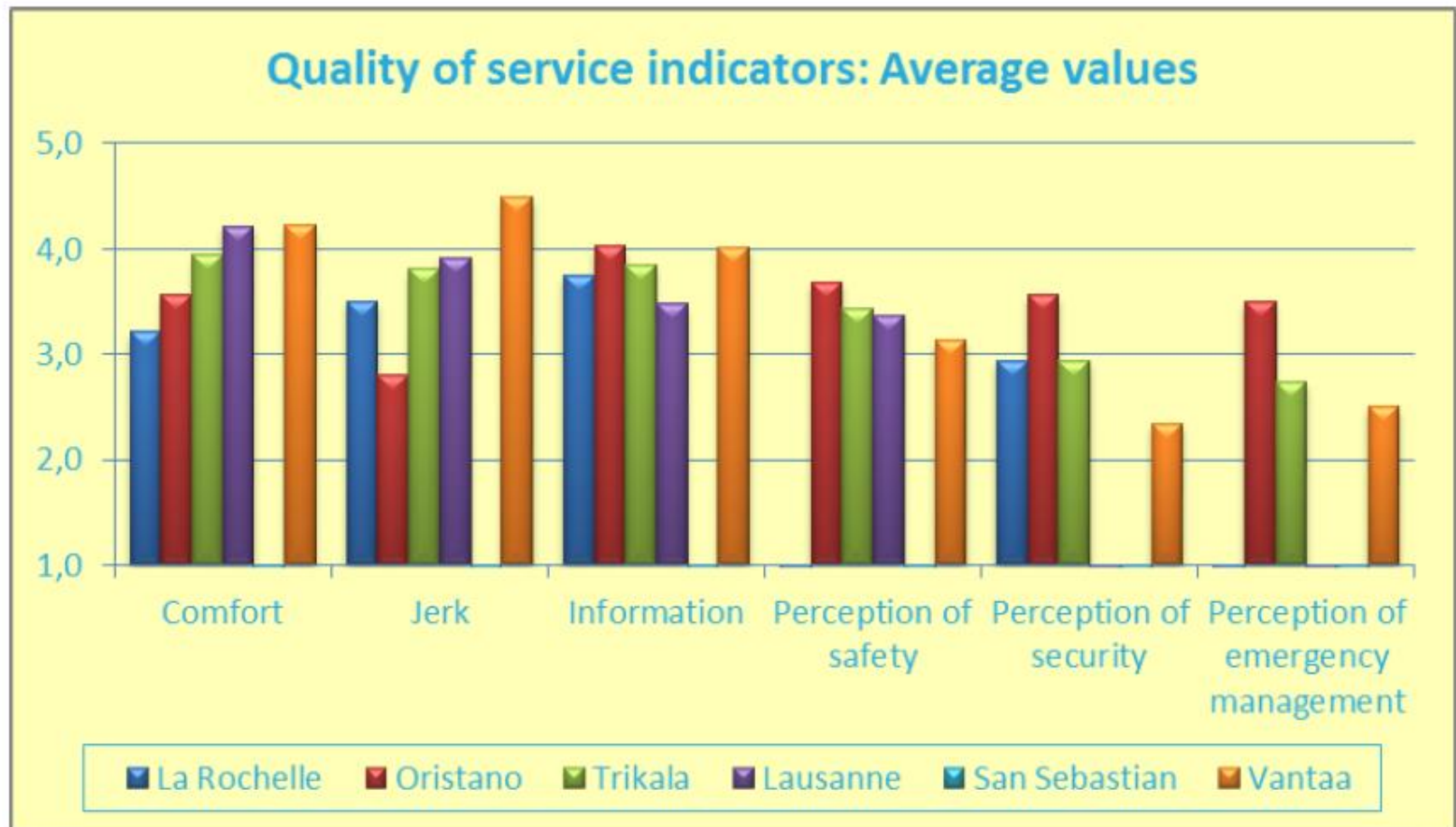
		<i>No extra-fare</i>		<i>Extra-fare</i>	
		ARTS	Minibus	ARTS	Minibus
A1	<b>La Rochelle (FR)</b>	63%	37%	30%	70%
	<b>Trikala (GR)</b>	78%	22%	51%	49%
A2	<b>Lausanne (CH)</b>	78%	22%	26%	74%
	San Sebastian (ES)				
A3	<b>Vantaa (FI)</b>	30%	70%	17%	83%

Legend:

A1 = within city centre; A2 = within major facility; A3 = from public transport node to major facility

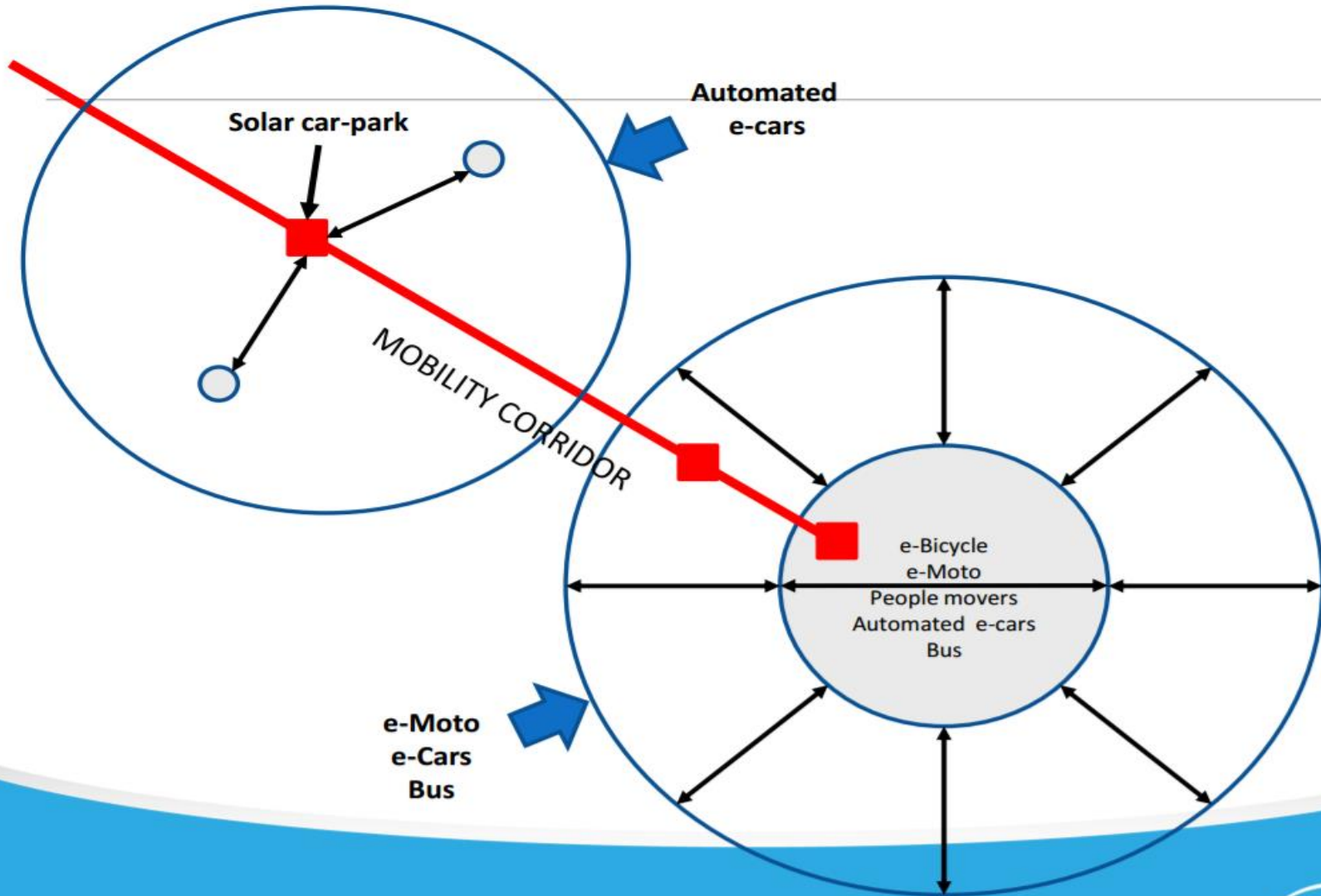
The city in bold character hosted a large scale demonstrator

# Results: Level of satisfaction with quality of service indicators chart





# After all this learning, what can we do TODAY; what is it the «next generation transport» we can deliver?







THANKS FOR LISTENING  
FOR YET ANOTHER BUT  
LAST TIME

