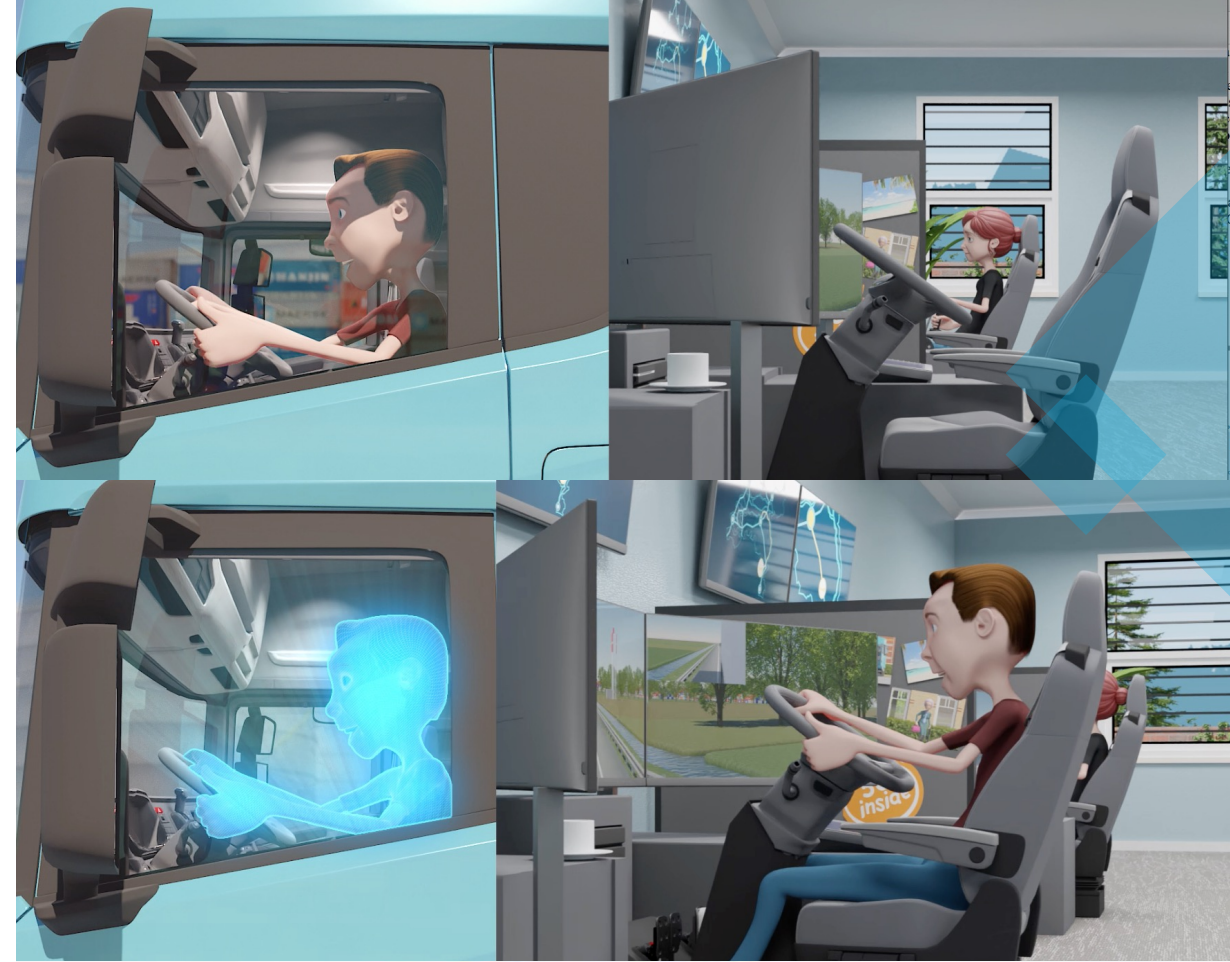
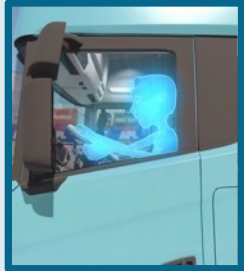


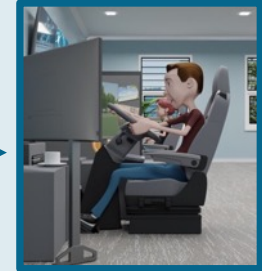
5G-Blueprint designs and  
validates a **technical  
architecture, business  
and governance model**  
for uninterrupted **cross-  
border Tele-Operated**  
transport based on **5G  
connectivity**



5G BLUEPRINT



## TELEOPERATED TRANSPORT



TECHNOLOGY – 5G NETWORK & ENABLING FUNCTIONS

**Fast**

**Reliable**

**Secure**

**Guaranteed**

**Cross-border**



## ECONOMICS

- Reduction of waiting time
- Reduction labour shortage
- Economic growth
- Safer driving
- Facilitator automated mobility
- Complex business model



## GOVERNANCE

- MNO SLA's
- ToD service SLA's
- Legislation
- Liability
- Data sharing

## TECHNOLOGICAL



- Design and implement a **5G network for CAM services**
- Develop and implement the **prototype of a TO system**
- Implement and deploy enabling functions **guaranteeing safety** and increasing value
- Validate the **end-to-end TO transport** solution supported by 5G in real-life cross-border scenarios

## BUSINESS



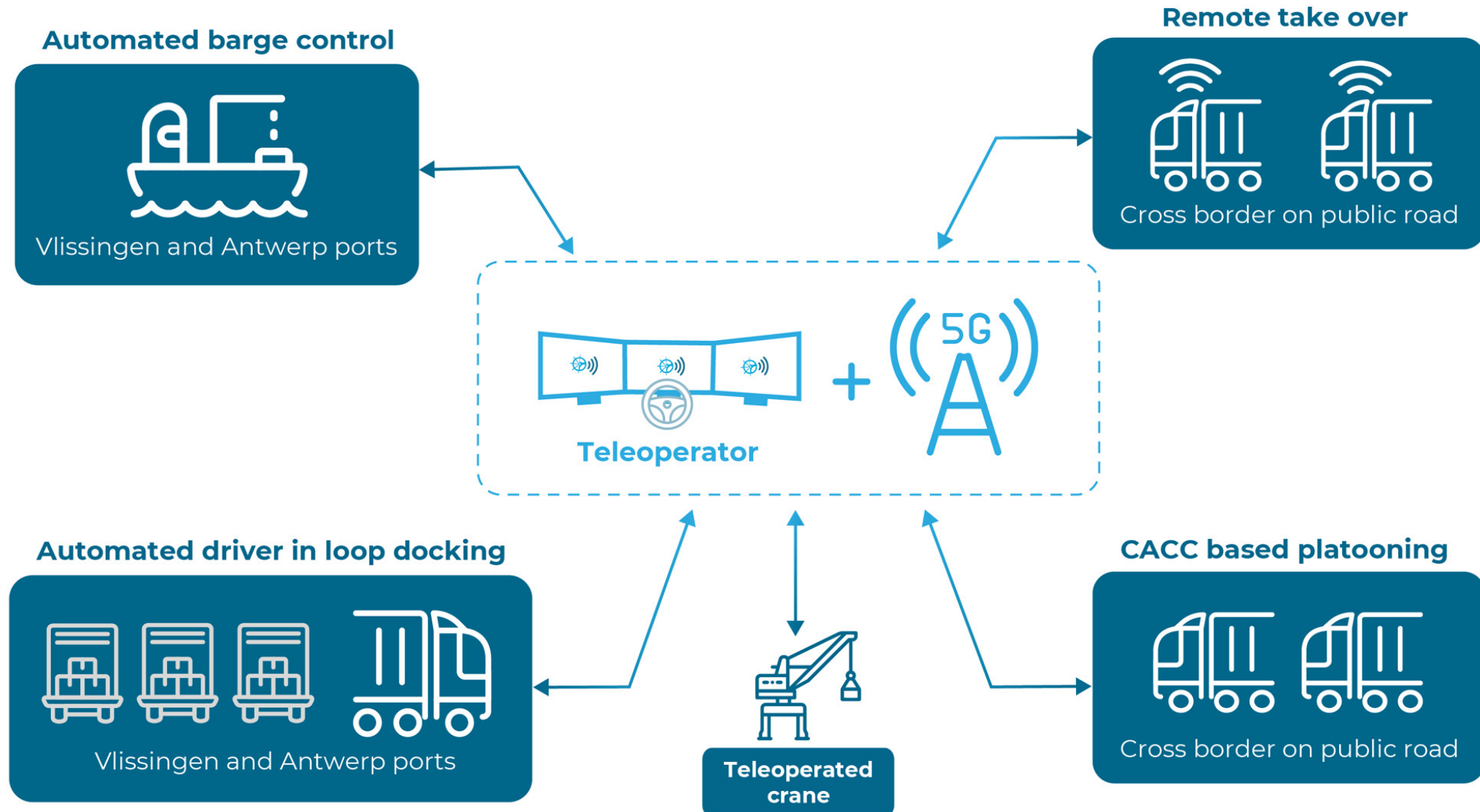
- 5G TO transport **market analysis**
- **Commercial possibilities**
- Positions the **possible role** of TO transport based on 5G in **CAM**
- TO transport based on 5G connectivity **market adoption**

## REGULATORY



- Identify **regulatory issues**
- Recommended actions
- **Standardization** and best practices

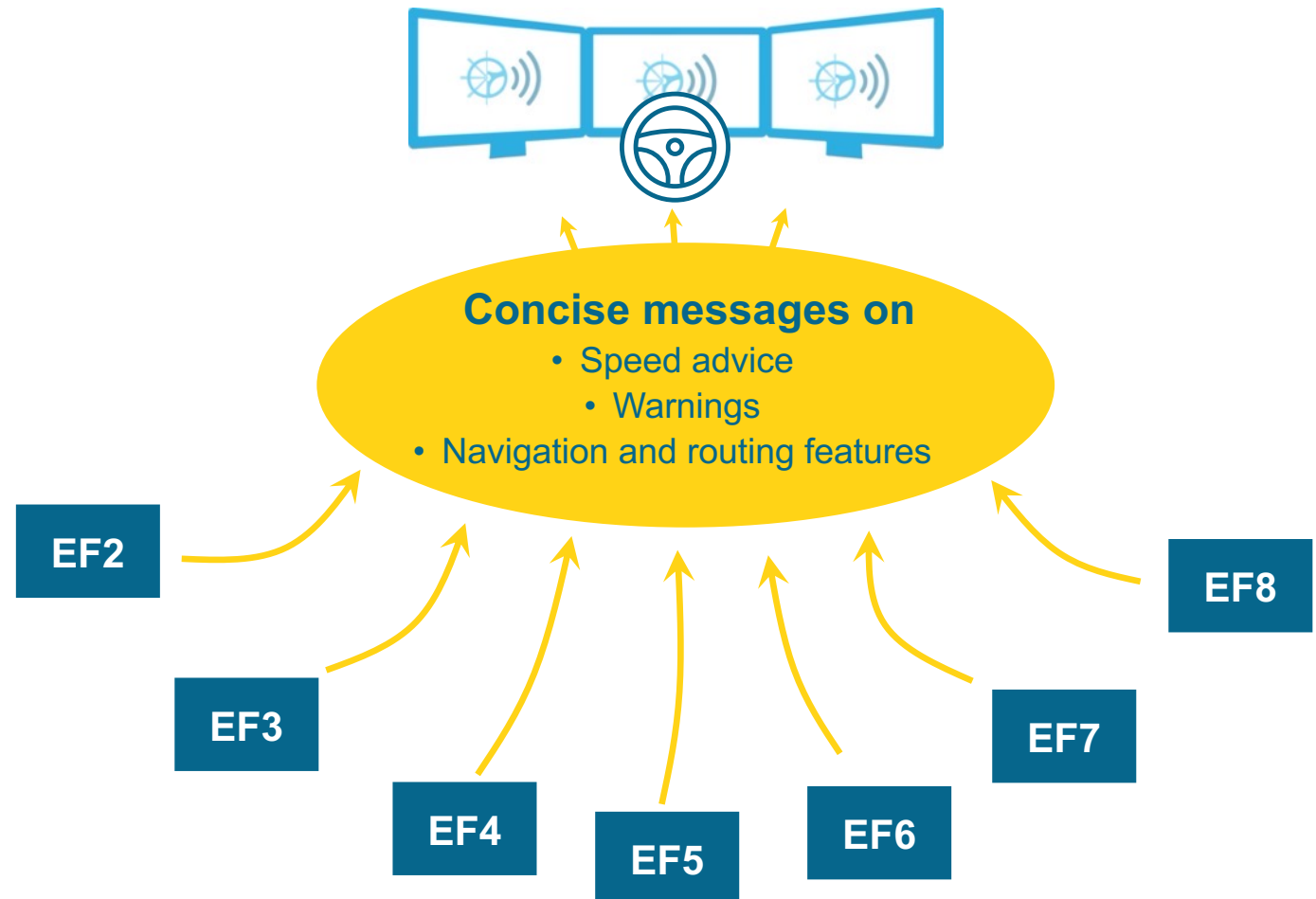
# USE CASES



# ENABLING FUNCTIONS

EF1	Enhanced awareness dashboard
EF2	Vulnerable Road User (VRU) interaction
EF3	Timeslot reservation at intersections
EF4	Distributed perception
EF5	Active collision avoidance
EF6	Container ID recognition
EF7	ETA sharing
EF8	Scene analytics

## TELE-OPERATION COCKPIT



# CONSORTIUM AS A WHOLE





5G BLUEPRINT

THANK YOU FOR YOUR ATTENTION



5GBlueprint.eu

THIS PROJECT IS PART OF THE 5G PUBLIC AND  
PRIVATE PARTNERSHIP

**5G PPP** [WWW.5G-PPP.EU](http://WWW.5G-PPP.EU)

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