Slido session

Moderated by Elvira Novak.

1st question

v- 0-	What do you see as the biggest challenge for Inland Waterway Transport (adopting Digital Twins?	IWT) in
	Multiple Choice Poll 🗹 27 votes 🔗 27 participants	
	Lack of digital infrastructure & data sharing - 19 votes	
		70%
	Resistance to change from traditional operators - 3 votes	
		11%
	High investment costs & unclear ROI - 4 votes	
		15%
	Limited regulatory framework & incentives - 1 vote	
		4%
	Climate-related disruptions (droughts (Poland), floods (Valencia), ice) - 0 votes	
		0%

2nd question

F	What is the most valuable insight Digital Twins can provide for IWT operations? (Ran the options in order of priority) Ranking Poll 25 votes 25 participants		ons? (Rank
	1.	Real-time water level & navigability forecasts	
			2.76
	2.	Improved multimodal synchronization (rail, road, river)	
			2.72
	3.	Traffic congestion and capacity planning	
			2.48
	4.	Predictive maintenance of river infrastructure	
			2.32
	5.	CO2 emissions monitoring & environmental impact reduction	
			1.12
	э.		1.12

3rd question

Image: Would your organization invest in a Digital Twin in IWT and why? Open text poll Image: Im		
2	Anonymous We do to encourage better multi modal transport opportunities	
ର୍ଯ	Anonymous Yes to optimise	
2	Anonymous No because is not involved directly in inland waterway.	
ମ	Anonymous Yes, it's a good way to monitor infrastructure and to supply information to network users	
2	Anonymous Pur interest is multimodal, so we would combine all three Transportmode for optimalisation	
පි	Anonymous Yes, to increase transparency	
0	Anonymous Not directly but digital twins can support supply chain resilience and valuable insights for operators	
පි	Anonymous Yes. To optimize navigability	
පි	Anonymous Not sure, probably not for now	
ප	Anonymous NO, we are active within the road transport sector	
පි	Anonymous N.A.	
2	Anonymous No, because we are a Research center	
Q	Anonymous Yes I think so	

Yes I think so

4th question

=	What incentives would encourage wider adoption of Digital Twins in inland waterway transport?				
	Open	text poll 🗹 16 responses 🛛 35 participants			
	പ	Anonymous Specific funding to support more joined multi modal cooperation			
	ର୍ଯ	Anonymous Data sharing, support in investing in sensors			
	oJ	Anonymous Getting out of the iwt silo. Digital twin is à very common topic for all modes			
	ଚ୍ୟ	Anonymous Reduced Waitung times			
	D	Potential savings for all the companies involved			
	oŋ	Anonymous Pressure on emissions reduction call for more intermodality but IWT reliability will not be there because climate change. These twins can help intermodal transport operators to create contingency plans and synchromodal solutions			
	ol	Anonymous Support through innovation projects.			
	ol	Anonymous Fuel savings			
	ol	Anonymous Investing in data-sharing platforms, educating stakeholders about the benefits of sharing data,			
	ති	Anonymous Better IWT transport overall, as a business sector			
	ව	Anonymous Digital infra investments governments or infrastructure managers			
	0	Anonymous Win win situations! Cooperation, Data Sharing, market pressure			
	Q	Anonymous Let the market decide and not subsidies			
	Q	Anonymous Usability of the information provided for daily operations			
	8	Anonymous Standards - we have seen 2 different DTs already today			
	ප	Anonymous Funds			

5th question

When do you expect DT in use for IWT? Multiple Choice Poll ② 29 votes 음 29 participants	
Already in use - 1 vote	
•	3%
Within 3 years - 14 votes	48%
Within 5 years - 11 votes	0.0%
	38%
More than 5 years - 3 votes	
	10%
	Multiple Choice Poll 29 votes 29 participants Already in use - 1 vote Within 3 years - 14 votes Within 5 years - 11 votes