



CESNI 2020-10-12
Data collection on accidents in inland navigation

“By insurers perspective”



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Introduction speaker

Marnix de Bakker
Loss Prevention Manager at EOC



- Marine Surveyor
- 20 years technical experience in inland shipping

Memberships

- **IVR-LPC** (*Loss Prevention Committee*)
- **VEKRB** (*Dutch Marine Association for Surveyors*)
- **NIVRE** (*Dutch Marine Association for Surveyors, and Board member shipping and engineering*)
- Stakeholder at **PZI** (*Platform Zero Incidents*)

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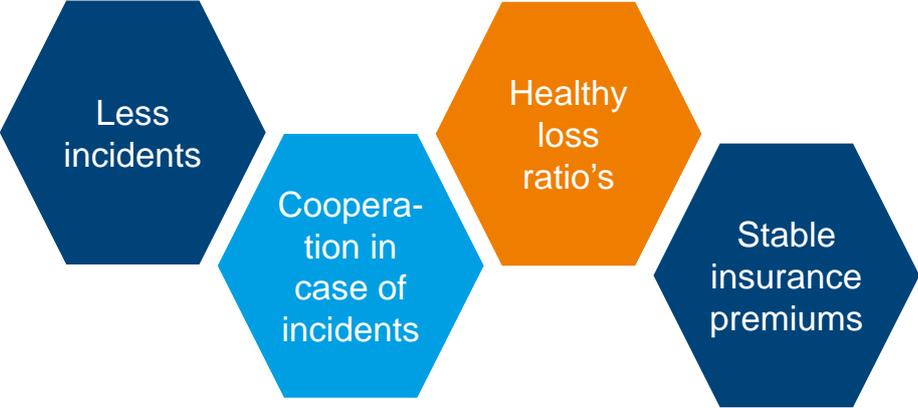
Introduction EOC

- Mutual Insurance company
- Inland commercial vessels and pleasure crafts
- Approx. 3,300 inland commercial vessels (*dry cargo, tankers, passenger vessels etc.*)
- Approx. 17,000 pleasure crafts (*motorboats, sailingboats, houseboats*)

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Main interests in general



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graph LR; A[Less incidents] --- B[Cooperation in case of incidents]; B --- C[Healthy loss ratio's]; C --- D[Stable insurance premiums];
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VOORTVAREND VERZEKERD

Incident



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Receive this interests by

 On board inspections	 Vessels well maintained	 Well trained crew
 Safety on waterways	 Prevention activities	 Data analyses

 **What are your overlaps?**

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Interests insured parties

 Zero incidents	 Quick help
 Limited of time loss	 Stable insurance premiums

 **What are your overlaps?**

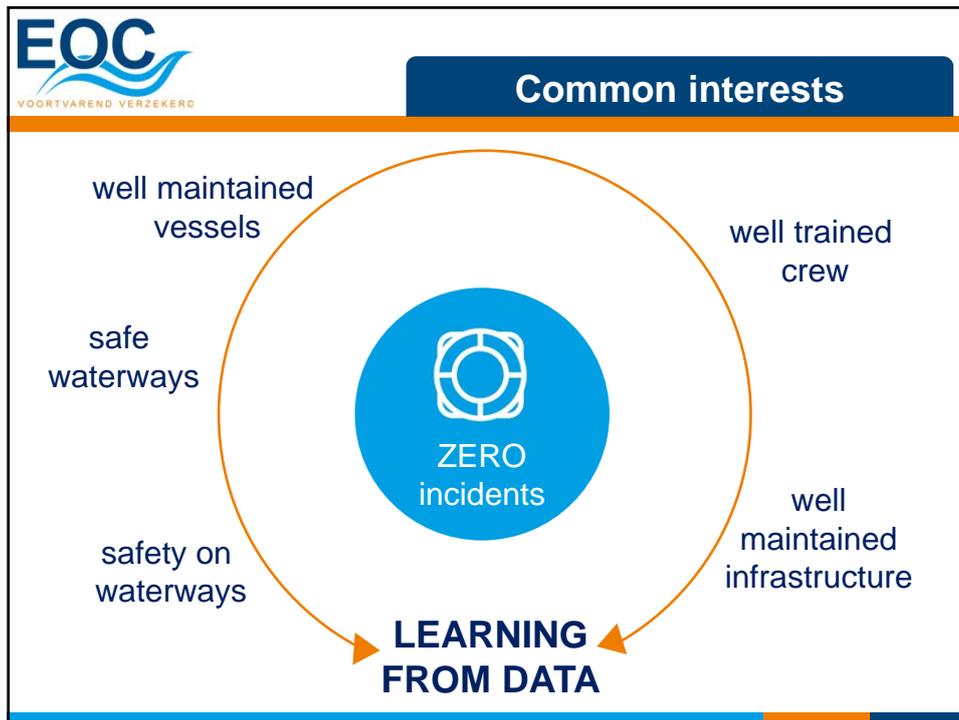
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VOORTVAREND VERZEKERD

Incident



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Data by insurers

- Big differences per society
- Output is difficult to merge

Due to:

- Composition insured fleet
- Policy per society

Data sharing:

- Willingness to cooperate
- Only anonymous (*GDPR-General Data Protection Regulation*)

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Main Data collectors



- Waterway authorities
(Dutch SOS Database)
- Port authorities
- Cities & Districts
- Market initiatives
(PZI for tankers)

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Main problem

- Authorities in countries are working alone
- Willingness for input essential for output



NO CROSS-BORDER DATA SYSTEM

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Central data collection

- Find out the hotspots
- Do research on the hotspots
- Find out solutions
- Reduce incidents



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Central data collection



- One system for Europe
- Make it public
- Start yesterday
- Keep it simple
 - collision grounding etc

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Example for Database

Type of vessel	Flag	Crew	Nationality	Kind of damage	Cause	Date	Location	Km	General remarks
Tanker	NL	Exchange crew	Romanian	Ship-Ship	Communication	31-12-2020	Duisburg	780	

Pull down -menu's

Sand barge	NL	Owner	Dutch	Ship-Ship	Communication
Push boat	B	Staff	Belgium	Ship-Static object	Weather conditions
Dry cargo	L	Exchange crew	German	Ship-Dynamic object	Technical failure
Tanker	F		French	Grounding	Human failure
Passenger	CH		Luxembourg		Waterway related
Barge	D		Hungary		Other
Other	Other		Austria		
			Polish		
			Romanian		
			Slovak		
			Czech		
			Swiss		
			Other		

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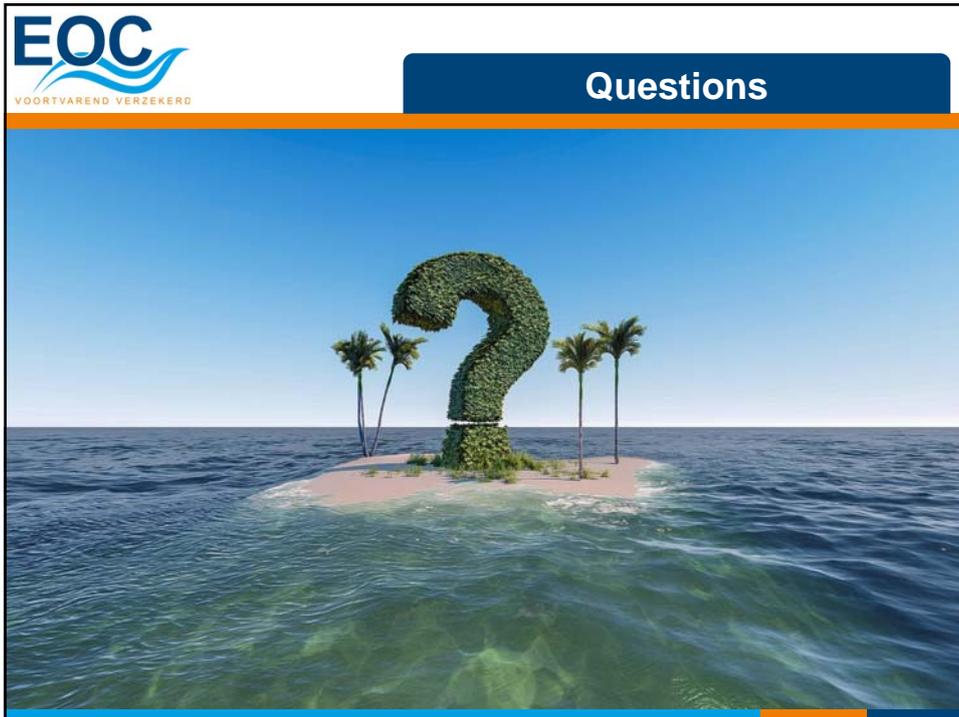
How can we help

- By contribution in working groups
- By informing our insured interests:
 - Social media
 - Prevention activities



**MORE AND SAFE
TRANSPORT BY WATER**

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