



**VILNIUS  
TECH**  
Lithuanian Maritime  
Academy

Karolis Lileikis

# SAR and MAS in Baltic Sea region

22.05.2025

# Why?

71%

“How inappropriate to call this planet Earth, when it's quite clearly Ocean”

Artur C. Clark

70%

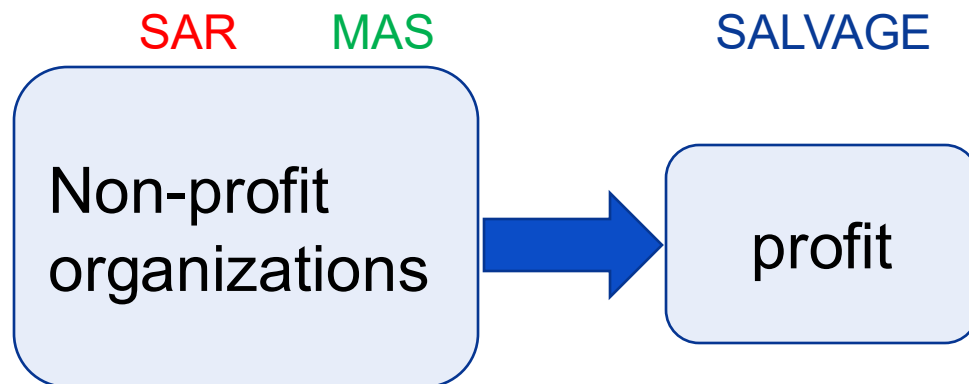
“You are not a drop in the ocean. You are the entire ocean, in a drop.”

Rumi

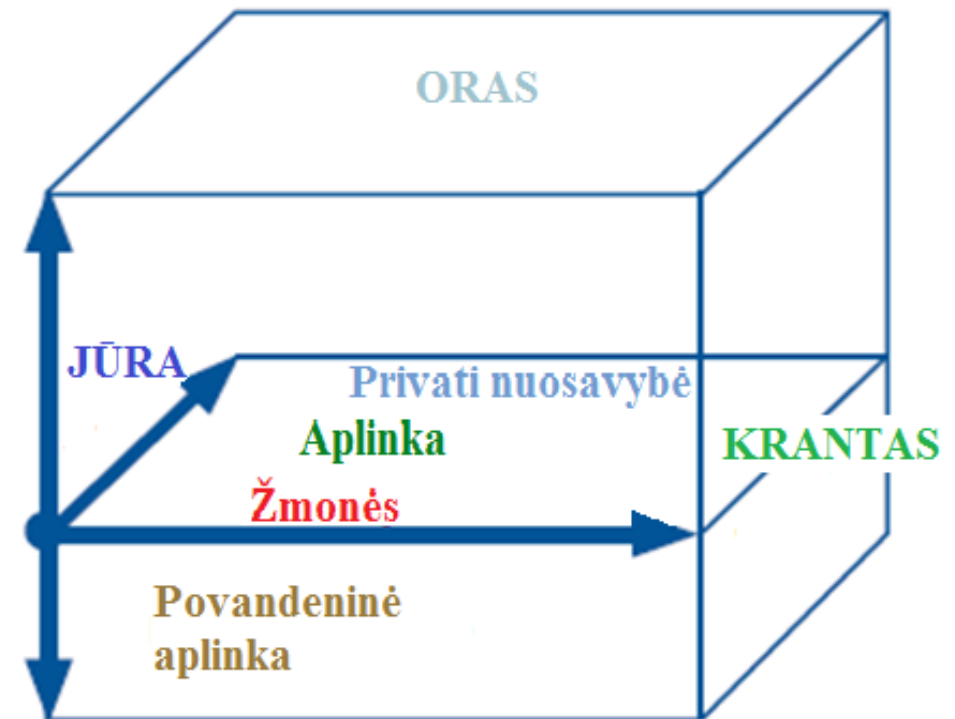


# Why?

- **Search and Rescue (SAR)** – saving lives
- **Maritime Assistance Services (MAS)** – protecting the environment
- **Salvage** – saving maritime property.



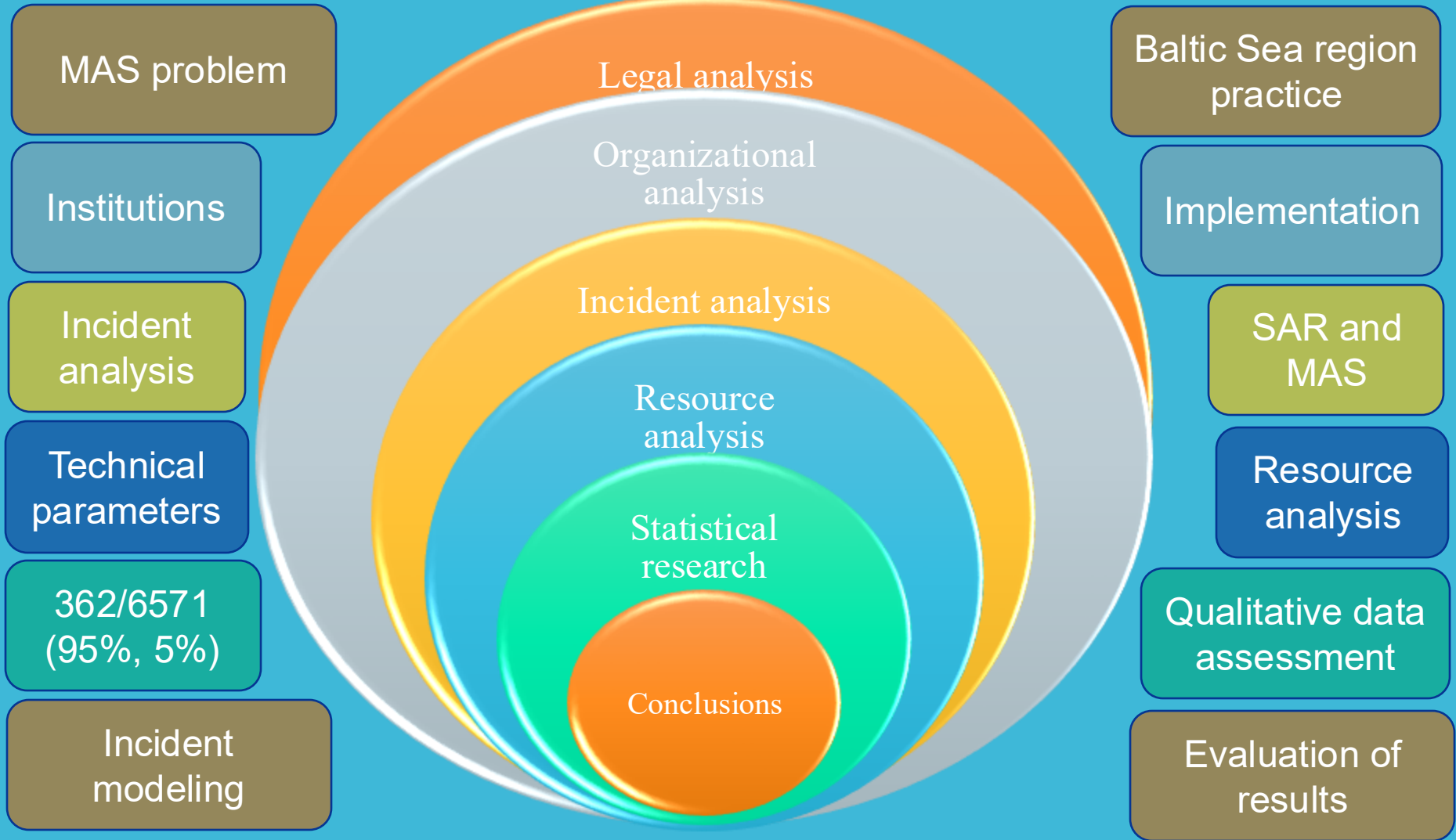
SAR and MAS in Baltic Sea region



# Task

**“After assessing the legal, organizational, and technical aspects of maritime search, rescue, and assistance services in the Baltic Sea region, as well as evaluating geographical and hydrometeorological conditions and analyzing incidents, propose solutions for improving the maritime search and rescue system of the Republic of Lithuania and implementing maritime assistance services.”**





# Findings

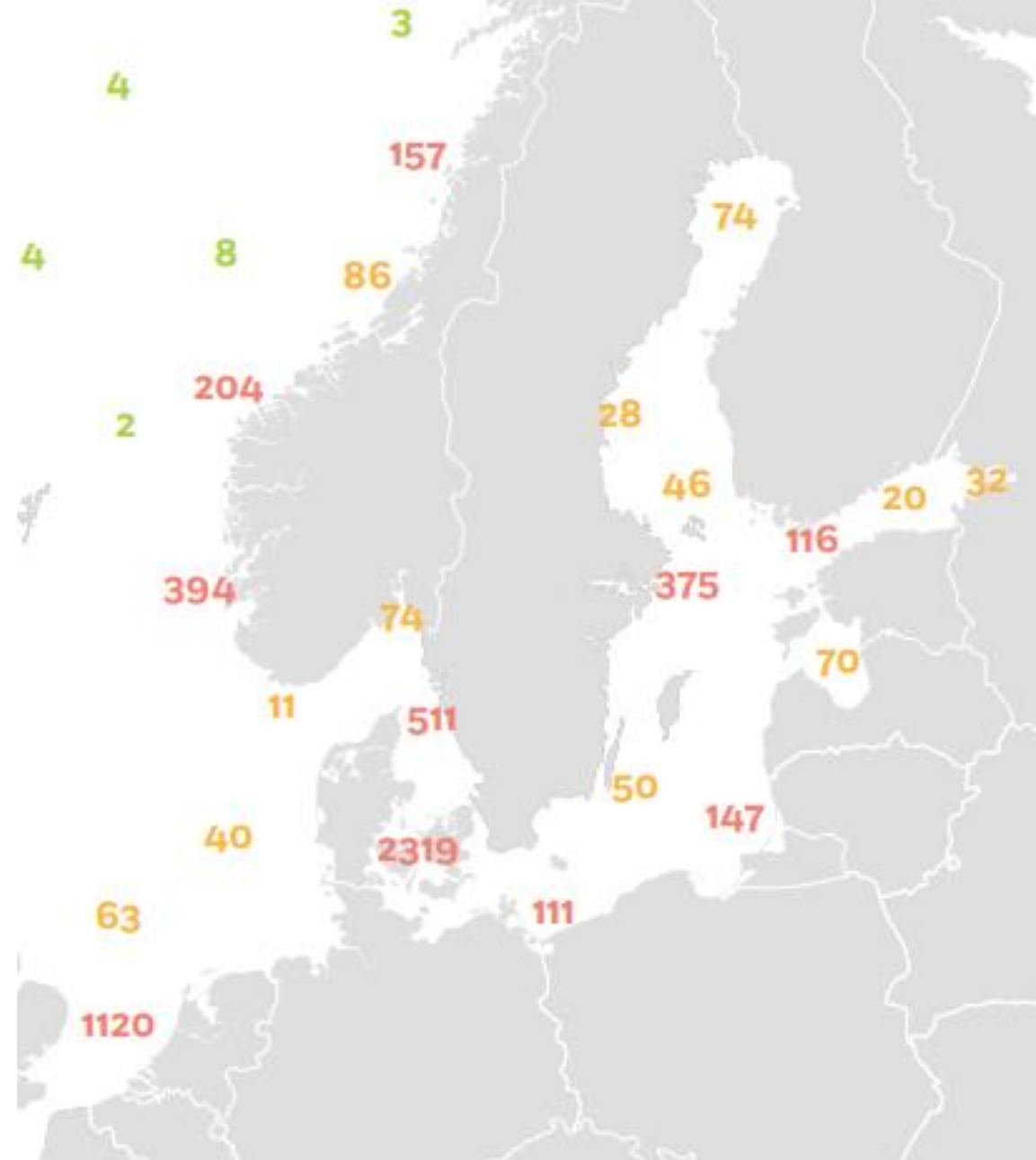
Rescue services are provided throughout the region; however, maritime assistance services are not provided in Russia and Lithuania.

There are differences in organizational implementation: statutory organizations, institutions performing public administration functions, and non-profit organizations.

The number of incidents in the region remains stable due to increasingly strict maritime safety requirements.

The capabilities of technical assets and their distribution across the region are uneven (West–East).

Lithuania has sufficient rescue capacities but lacks the technical capabilities to provide maritime assistance services.





# Recommendations

- Maritime Rescue Coordination Centre (MRCC) to act as an intermediary in the field of maritime assistance services.
- A new multifunctional vessel.
- Dormant contracts covering a total towing capacity of 160 tons.
- During the helicopter renewal process, ensure a minimum lifting capacity of 3,000 kg.
- Establish mobile incident response teams.
- Provision for installing additional pollution recovery systems on newly acquired state-owned vessels



"Looking for a PhD topic that's just the right mix of groundbreaking and not soul-crushing."

Karolis Lileikis

karolis.lileikis@vilniustech.lt

**Thank you**