

MITIGATING THE EFFECTS OF EMERGENCIES IN THE BALTIC SEA REGION PORTS 2016–2019

HAZARD project aims at mitigating the effects of emergencies in major seaports in the Baltic Sea Region. The types of safety and security emergencies include, for example, leakages of hazardous materials, fires on passenger ships at port, oil spills in port areas as well as explosions of gases and chemicals. The project enables better preparedness through joint exercises, improved communication between authorities in emergencies, better compliance of regulatory framework and better use of risk assessment methods as well as faster adoption of state-of-the-art technologies.

blogit.utu.fi/hazard



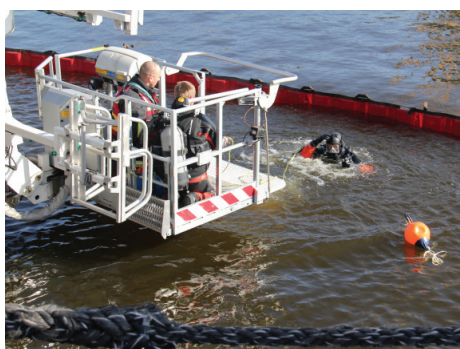
PROJECT MILESTONES April 2018 – December 2018

April 2018	Incident in a RoRo Vessel, Klaipeda LT
May 2018	Oil Recovery Exercise, Naantali FI
September 2018	HICL Conference, Hamburg DE
September 2018	Large-scale Safety Exercise, Hamburg DE
October 2018	Chemical Accident Exercise, Klaipeda LT
November 2018	Chemical Incident Exercise, Turku FI

INCIDENT IN A RORO VESSEL 19–20 April 2018, Klaipeda, Lithuania

HAZARD project's 8th large-scale exercise was arranged in the port of Klaipeda. In the scenario a mooring vessel lost control and hit the quay. The vessel listed 30 degrees and about 30 scared people jumped into the water. Three crew members were seriously injured and one was missing. One container dropped to the water and there was a possible chemical leak of unknown hazardous chemical.

The aim of the exercise was to enhance the preparedness to handle a large-scale accident and to improve the co-operation between different authorities. Participating organisations were the Fire and Rescue Service of Klaipeda County, Lithuanian Navy, Klaipeda Seaport Authority, Klaipeda City Municipality, State Fire and Rescue Service of Latvia and South-west Finland Emergency Services.



Photos: Mindaugas Kruopys

PROJECT PICTURES IN FLICKR

Pictures from all the HAZARD events have been gathered into Flickr. The pictures are all free to use in your website, publications etc., just mention the photo credits (which are mentioned in each picture).

The address is

<https://www.flickr.com/photos/155274819@N04/albums>

Or just go into flickr.com and search for "Hazard project".



Photo: Mariikka Whiteman

OIL RECOVERY EXERCISE

16 May 2018, Naantali, Finland

During loading of extremely flammable fuel into a tanker in the refinery loading bay there's a breakdown in the system causing a fuel leak to the dock area and to the sea. The leak causes a fire.

The Southwest Finland Emergency Services begin to fight the fire. At the same time they start oil spill recovery procedures together with the Port of Naantali and Neste. The waterway to Naantali is closed from traffic. A few persons working on the loading bay get serious burns and they have to be taken into the hospital. One person was rescued from the sea.

The exercise was held at the Neste Naantali refinery 16 June 2018. The objectives of the exercise were exercise management for Senior Fire Officers, co-operation within multi-authority operation, communication and situational awareness between authorities, Oil spill recovery and the compatibility of the oil spill recovery equipment of Southwest Finland Emergency Services, Port of Naantali and Neste.

Southwest Finland Emergency Services, Neste Corporation, Logistics, Emergency Medical Services, Port of Naantali, Police and the University of Turku took part in the exercise.



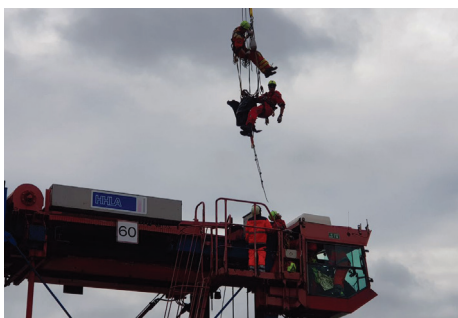
Photos: Mariikka Whiteman

HALATEF 2018 – LARGE-SCALE SAFETY EXERCISE 15 September 2018, Hamburg, Germany

Hamburg Fire and Rescue Service arranged together with HHLA a large-scale exercise at the HHLA Container Terminal Burchardkai in Hamburg 15.9.2018.

In the scenario, a van carrier driver loses consciousness while working in the port. Many things need attention in an emergency situation like this, to ensure the rescue operations is safe and there's no extra damage because of the situation. The situation calls for a Height Rescue Unit, also a rescue platform is always needed in height accidents. There is very limited space in the van carrier and rescue operations and first aid is thus challenging.

Some containers are damaged because of the accident and there's a dangerous chemical leak. Some persons are contaminated. Analytical Task Force (ATF) tackles the leak and starts their response. Contaminated people will be taken into decontamination.



NEW PUBLICATIONS

HAZARD Publication no 24
Nelly Moreno Parra, Ayman Nagi,
Wolfgang Kersten: Risk Assessment
methods in seaports

HAZARD Publication no 25
Håkan Torstensson, Daniel Ekwall:
International regulations for seaports
in the Baltic Sea Region

All HAZARD publications can be downloaded from <https://blogit.utu.fi/hazard/publications/>



Photos: HHLA

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LARGE-SCALE EXERCISE 17–18 October 2018, Klaipeda, Lithuania

The 11th large-scale exercise of the HAZARD project was arranged in Klaipeda, Lithuania. In the exercise scenario, a truck driver, who arrived at the small-scale LNG terminal, started to act aggressively and threatened to blow up the terminal. Another driver was trying to stop him, but he was seriously injured in the process. Police, first aid and the State Fire and Rescue Service were needed.



The exercise had two parts, the first part happened at the LNG terminal, the second part happened at a nearby school. The aim of the second part was to test the actions between the port authorities and residents of Klaipeda city and educational institutions in case of dangerous incidents in Klaipeda seaport.



Photos: Jarmo Malmsten

RESQU2 PROJECT PLATFORM Oct 2018 – Sep 2020

Project platforms are a new funding instrument in the Interreg Baltic Sea Region programme to make more out of the results of a single project. Six platforms were approved in the first ever platform project call, and HAZARD is part of one of them, namely the ResQU2 platform.

ResQU2 unites projects, which cover emergency actions at sea and in seaports, underwater, and sometimes in the air. The individual projects in the platform are HAZARD, ChemSAR, DiveSMART Baltic and Mirg-EX. HAZARD has already been in close co-operation with ChemSAR and

DiveSMART Baltic, so the platform is a natural development to the existing co-operation.

ResQU2 Platform project consortium comprises 10 partners from eight countries: Estonia, Finland, Germany, Latvia, Lithuania, Poland, Sweden, and The Netherlands. From HAZARD the partners are the University of Turku, Hamburg Fire and Rescue Service, Fire and Rescue Board of Klaipeda County and Southwest Finland Emergency Services.

The aim of the platform is to reach rescue authorities in the entire Baltic

Sea region and spread our experiences gained in the individual projects. With the platform, we can now benefit countries that have not been involved earlier.

Read more: blogit.utu.fi/resqu2



Photo: The Finnish Border Guard

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HAZARD TURKU 2018 – CHEMICAL INCIDENT AT THE PORT OF TURKU 27–28 November 2018, Turku, Finland

The 12th and last large-scale exercise in HAZARD project was arranged 28th of November at the Port of Turku in Finland. Southwest Finland Emergency Services was responsible for the planning and execution of the exercise.

In the scenario a leak was detected in a container storing hazardous material. While checking the leak the fire fighters found in one of the containers around 25 persons, who didn't speak Finnish. The persons were contained with the hazardous material, ammonia, and they had to be decontaminated.

There was panic at the port area, and one person fell into the basin and went under water. Rescue diving team had to be alarmed. Also a fire was detected in one of the warehouses in the port.

Many different authorities are needed in a real incident like this. That is why the co-operation and communication between authorities plays such an important role and has been one of the key elements in the project. The participating organisations in this exercise were the Southwest Finland Emergency Services, Emergency Medical Services/ Hospital District of Southwest Finland, Southwestern Finland Police Department, the Finnish Border Guard and the Port of Turku.



Photos: Mariikka Whiteman



NEXT DATES

16 January 2019
14–15 March 2019
30 April 2019

Risk Management Workshop, Hamburg, DE
Final Conference, Tallinn, EE
End of the project

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