



CalaHan

CalaHan (Calamityplan Harbour Antwerp) stands for collaboration between global industry players (such as BASF, Petroplus, Solvay, Total, Vopak, a.o.) and civil aid services of the city and province of Antwerp and East Flanders. The project is managed and supported by emergency management experts from FPC and Safety Center Europe.

The Port of Antwerp in Belgium borders to the Netherlands and hosts the 2nd largest petro-chemical cluster in the world next to Houston. Approximately 1 million people can be exposed and affected by a large scale disaster. The Antwerp port houses a nuclear power plant, 5 large refineries and over 50 Seveso sites (COMAH).

Each site develops Emergency Response Plans (ERP) in order to safeguard people, business operations and the environment at large. Civil aid services and government agencies develop their own ERP's to manage the variety of safety risks in the Port.

When an incident occurs, the main challenge is that these ERP's need to blend perfectly and that all parties should work together in an efficient and effective manner. Moreover, history learns that a successful approach to large scale incident response often relies on the experience and knowledge of a few senior individuals. Unfortunately, this is neither a scalable nor reliable solution.

CalaHan brings together all stakeholders to develop common response scenarios based on a proven methodology that defines the ER process for a wide range of incidents. These scenarios are loaded into the Crisis Management Decision Support Software "Nokeos" and are made available to industry and government on a secured internet based platform for training and real-time purposes.

No more multiple versions of incident data and out-of-synch maps. Instead all parties are provided with a common operational picture (COP) at all times. The result of CalaHan is that from now on sparse knowledge is captured, structured and integrated into a technology platform. This to support corporate management and governmental key responsables in making a collaborative effort towards large scale incident response.