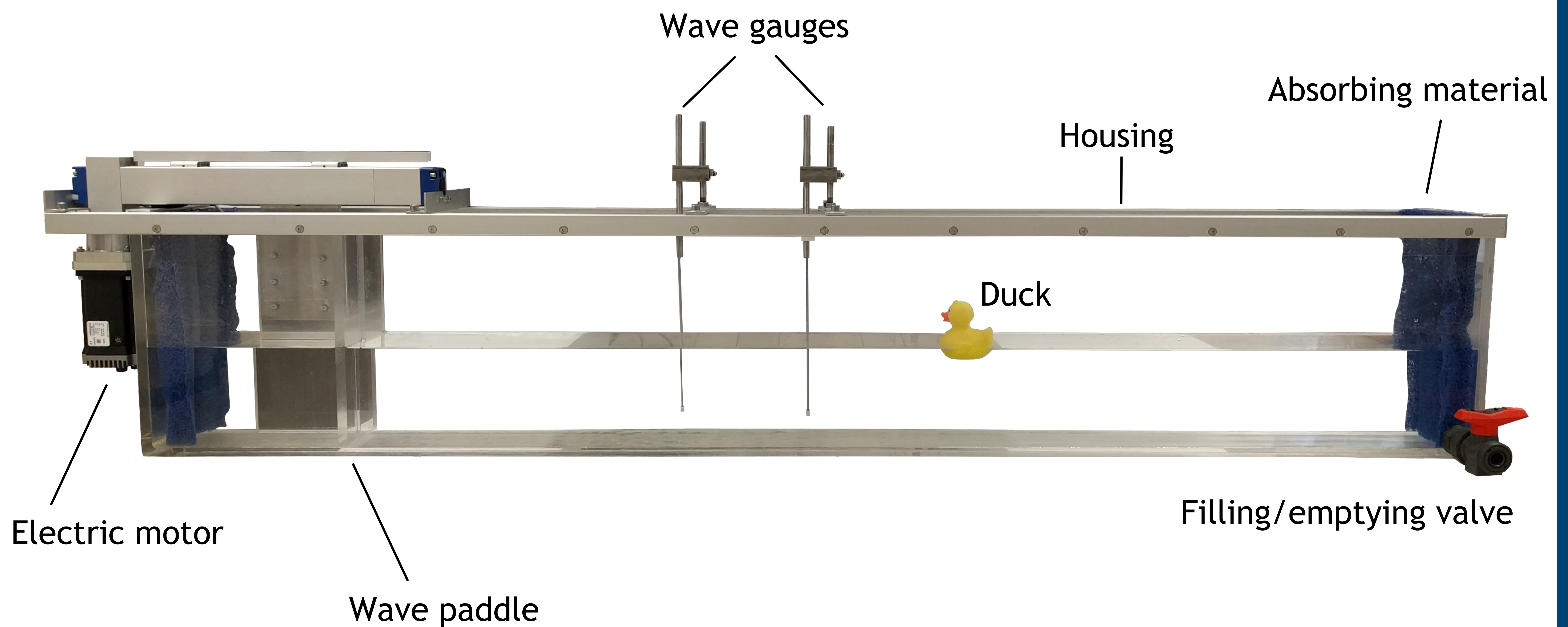


Mobile wave flume

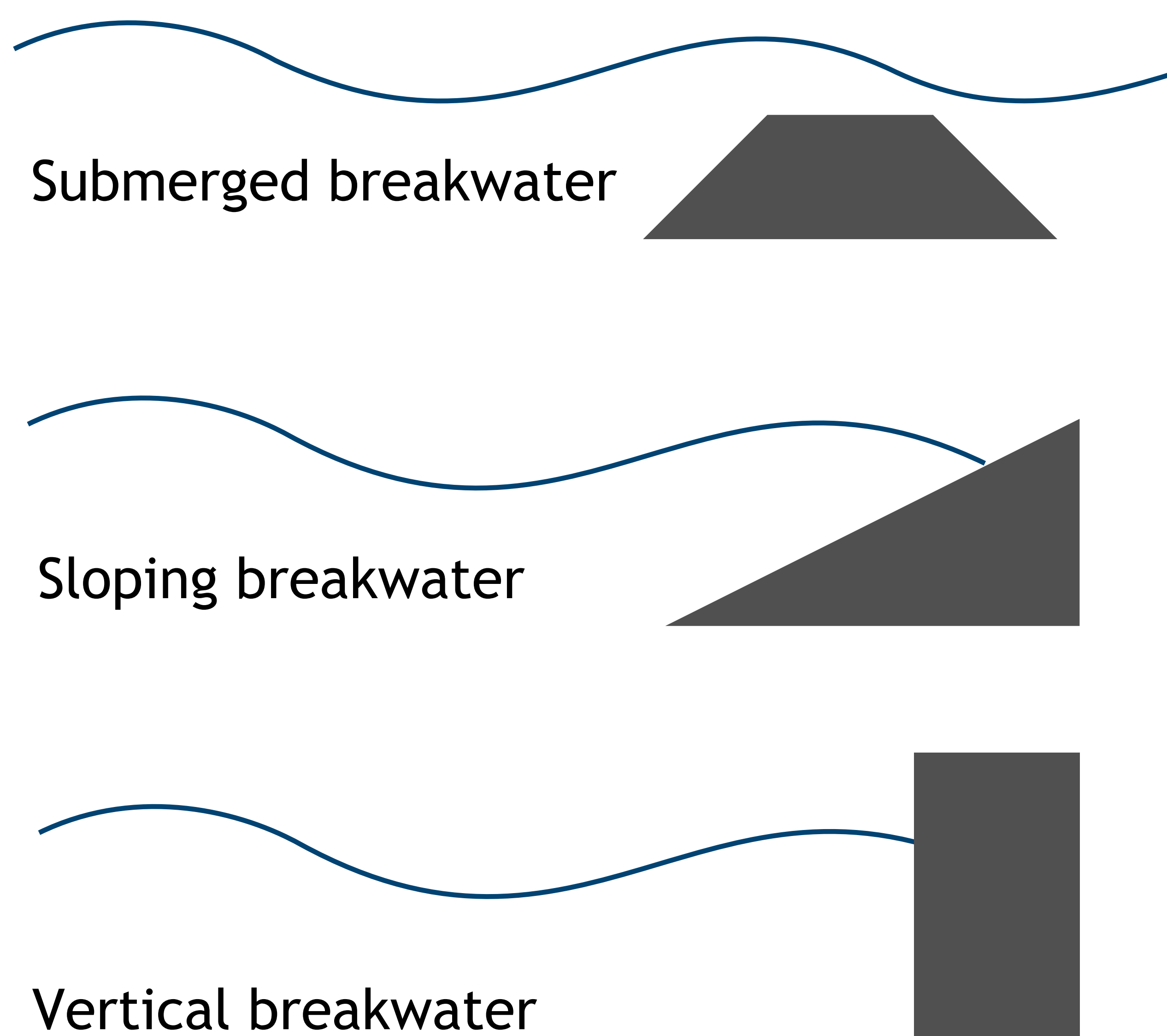
Dept. of Civil Engineering, Ghent University



Wave flume



What to do?



The mobile wave flume is a transportable demonstration tool, with a length of 2.15 m, a width of 24 cm and a height of 35 cm. Its main purpose is to demonstrate the type of research we perform. This ranges from presentations for companies, to demos for high school students and to networking events like TechBOOST.

This demo focusses on wave-structure interaction on three types of coastal structures and several wave types. Additionally, the application of active wave absorption is demonstrated: a filter algorithm counteracting the reflected waves.