

ABB's Symphony® Plus advanced automation software platform

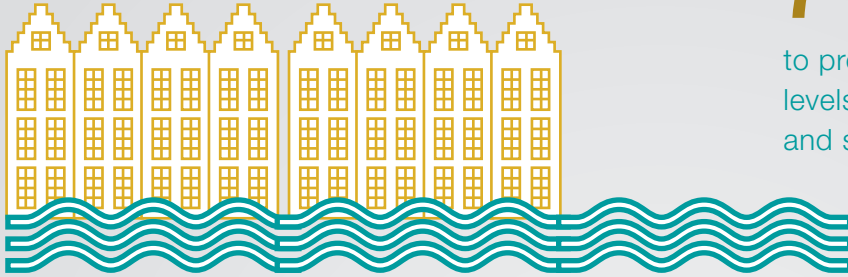
The brain behind Mo.S.E.– the innovative flood barrier system in Venice

To protect the city from flooding, Venice is building a system of navigation locks, breakwaters and

78

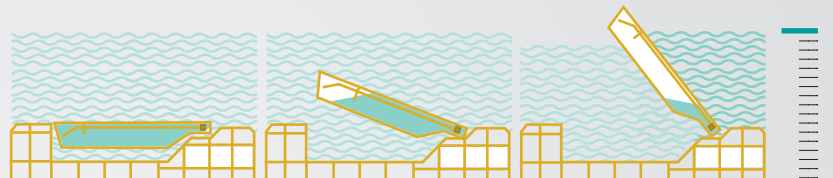
 retractable, air-filled steel flood gates

to protect Venice from rising sea levels, winter storms and spring tides.



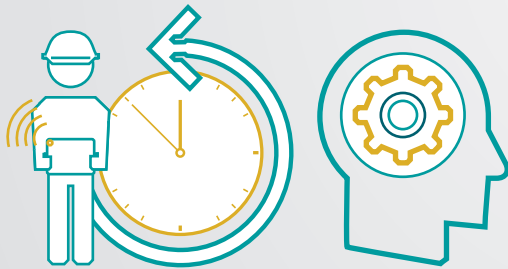
Mo.S.E.

Italian acronym for Experimental Electromechanic Module



down → up

The barrier's complete system is automated and controlled by ABB's Symphony® Plus distributed control system.



The system takes about

30

 minutes

to deploy, creating a steel barrier that can withstand a three-meter tide.

Utilizing ABB's Internet of Things, Services and People, Symphony® Plus manages data signals from more than

50,000

 devices

monitoring the subsea and surface hardware and coordinating electrical automation and control of the Mo.S.E. project.



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