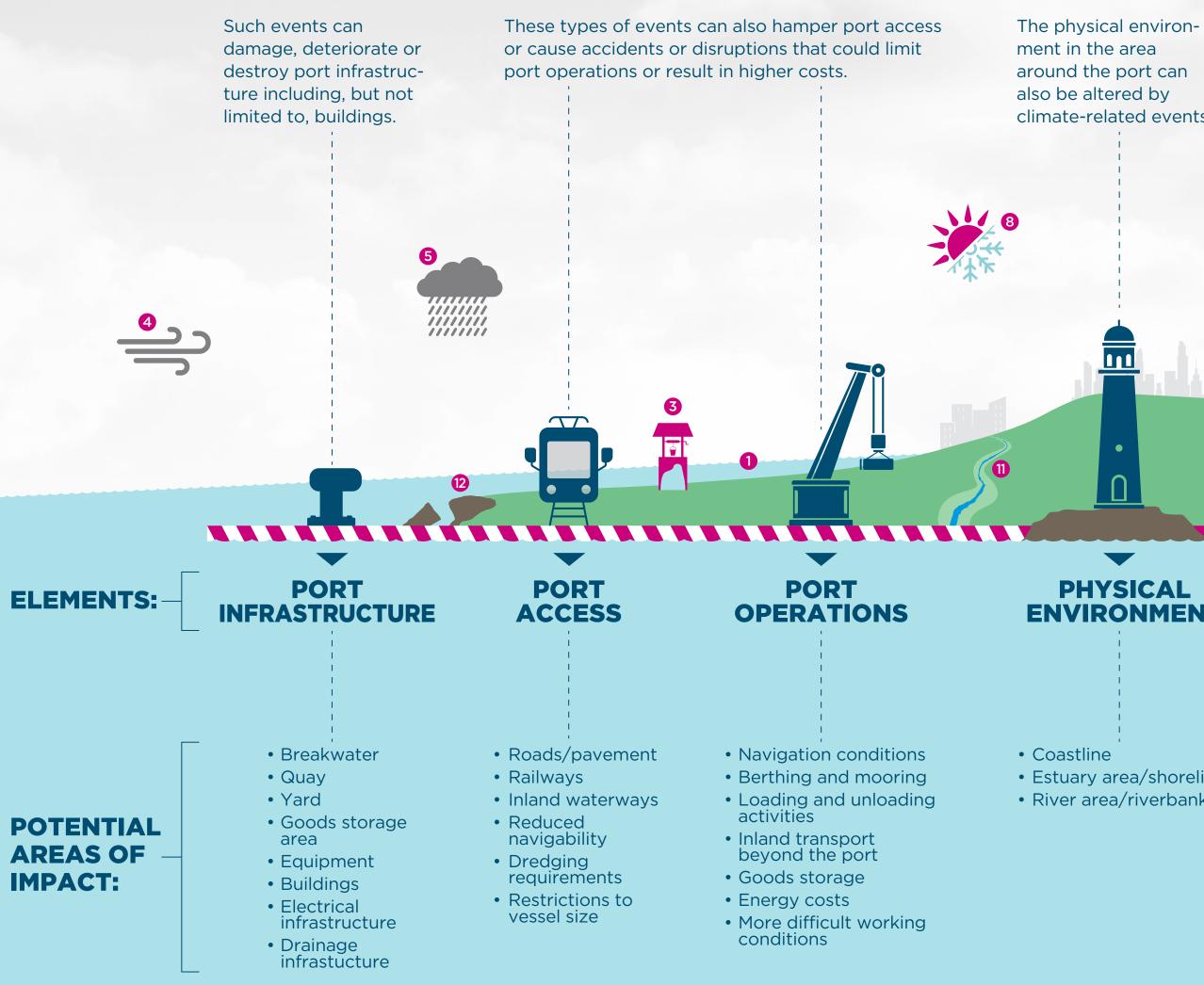
POTENTIAL CLIMATE CHANGE EVENTS AND IMPACTS

EXAMPLES OF EVENTS THAT CAN AFFECT PORTS:

• sea level rise river flooding **2** storm surge **8** extreme temperatures



3 saltwater intrusion **9** sedimentation

4 strong winds O drought

infrastructure

 electrical storms heavy rains reduced river flows Coastal erosion

climate-related events.

Socioeconomic impacts may include displacement of local populations or disruption of livelihoods.

The natural habitat can also be affected, for example by changes in the distribution, growth and reproduction of species

Any and all of these impacts can result in higher costs and further affect other aspects of ports.

PHYSICAL SOCIOECONOMIC NATURAL **OTHERS ENVIRONMENT ENVIRONMENT FACTORS** • Population (e.g. • Insurance cost or • Habitats availability displacement) • Estuary area/shoreline • Protected habitats • Port reliability Marine economic activity • Species (e.g. fish, birds) • River area/riverbanks • Port reputation Inland economic activity • Protected species • Demand/ trade/market Increased fire risk patterns • Social performance • Fisheries and related

