

**BELÉM**

# ***TSUNAMI*** ***RISK*** **IN LISBON**



## TSUNAMI RISK

A tsunami is a series of waves associated with the displacement of a large volume of water, most often generated by a disturbance of the ocean floor caused by a strong earthquake.

Lisbon's riverside area is exposed to the effects of a tsunami, particularly the zone between Belém and Santa Apolónia. This risk led to the installation of a **public warning system**, with sirens located at Praça do Império, Passeio Carlos do Carmo, Doca de Alcântara and Ribeira das Naus, as well as the definition of evacuation routes.



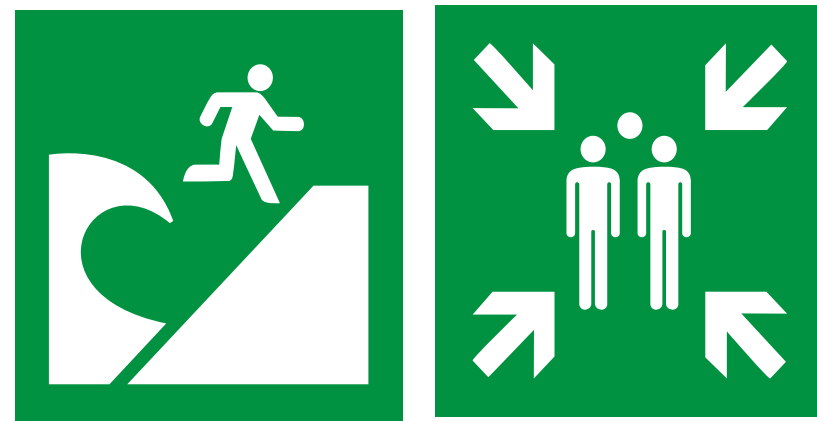
In addition to this system, it is essential to remain alert to certain **natural warning signs** that may indicate the possible occurrence of a tsunami and that should trigger immediate evacuation, namely:

- A strong earthquake;
- A sudden and abnormal change in the river water level;
- An unusual noise coming from the river.

## HOW TO ACT BEFORE

- Find out which areas are exposed to tsunami risk;
- Prepare a family emergency plan and learn the plan for your workplace or school;
- Agree on an alternative means of contact and a meeting point;
- Prepare an emergency kit containing: water, dry or canned food, a flashlight, a whistle, a battery-powered radio and spare batteries, a thermal blanket, personal hygiene items, essential medication, and a first-aid kit;

- Become familiar with evacuation route signage and meeting points.



## HOW TO ACT DURING

If you hear a tsunami warning, receive an alert from the authorities, or notice any of the natural warning signs previously mentioned:

- Move immediately on foot to higher ground and away from the riverside area;
- If you see evacuation signage, follow the indicated route until you reach the meeting point;
- Stay away from the river until authorities inform you that there is no longer any danger;
- If you are unable to move away from the river, go to an upper floor of a building that has not been damaged.

## HOW TO ACT AFTER

- Stay away from standing water and damaged buildings;
- Help injured or trapped people without putting yourself at risk and alert rescue teams;
- Cooperate with the authorities and follow their instructions.



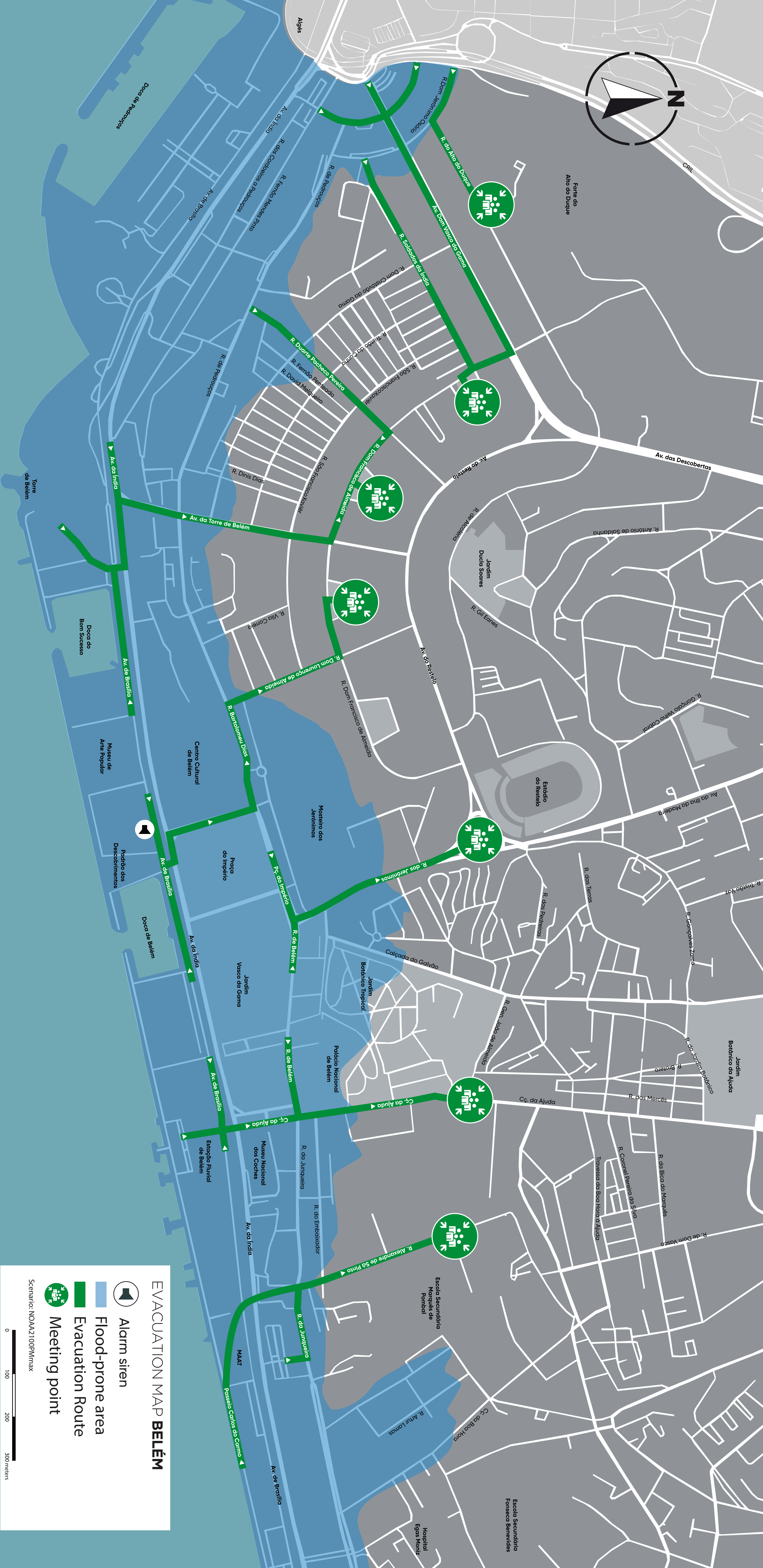
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**EVACUATION MAP BELÉM**

- Alarm siren
- Flood-prone area
- Evacuation Route
- Meeting point

Scenario: NOAA2100PMax

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