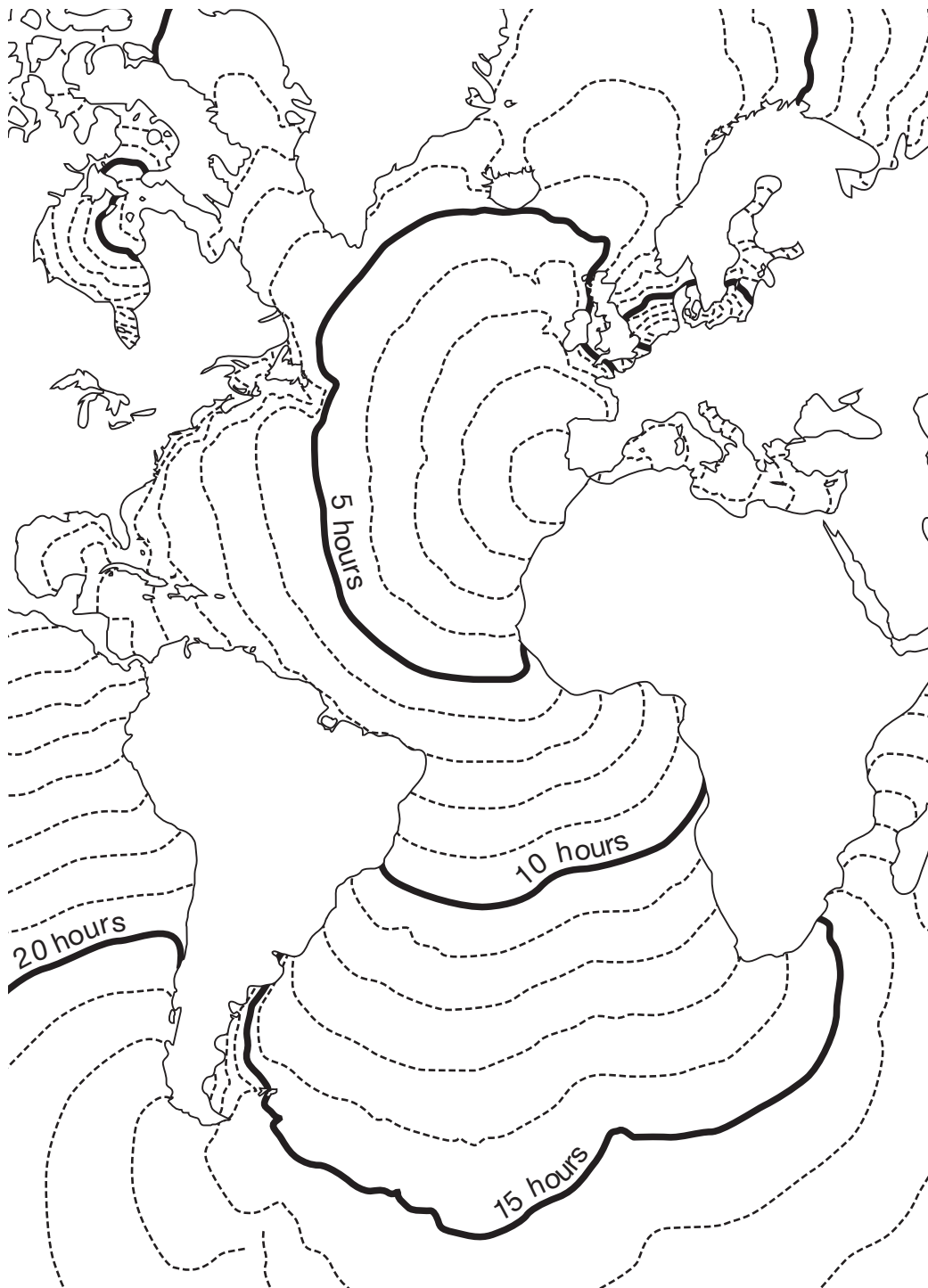


# Lisbon Earthquake - 1755

Believe it or not, Ireland was hit by a tsunami in 1755. The Lisbon earthquake tsunami travel time map (Information sheet 12) shows the time it took for the tsunami to travel across the entire Atlantic ocean.



Q The earthquake epicenter was off the coast of what European country?

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Q How many hours did it take for the tsunami to reach:

Co. Clare?

New York?

Lisbon?

Rio de Janeiro?

Iceland?

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NORTHERN ENVIRONMENTAL  
EDUCATION DEVELOPMENT



Northern  
Periphery  
Programme  
2009-2013

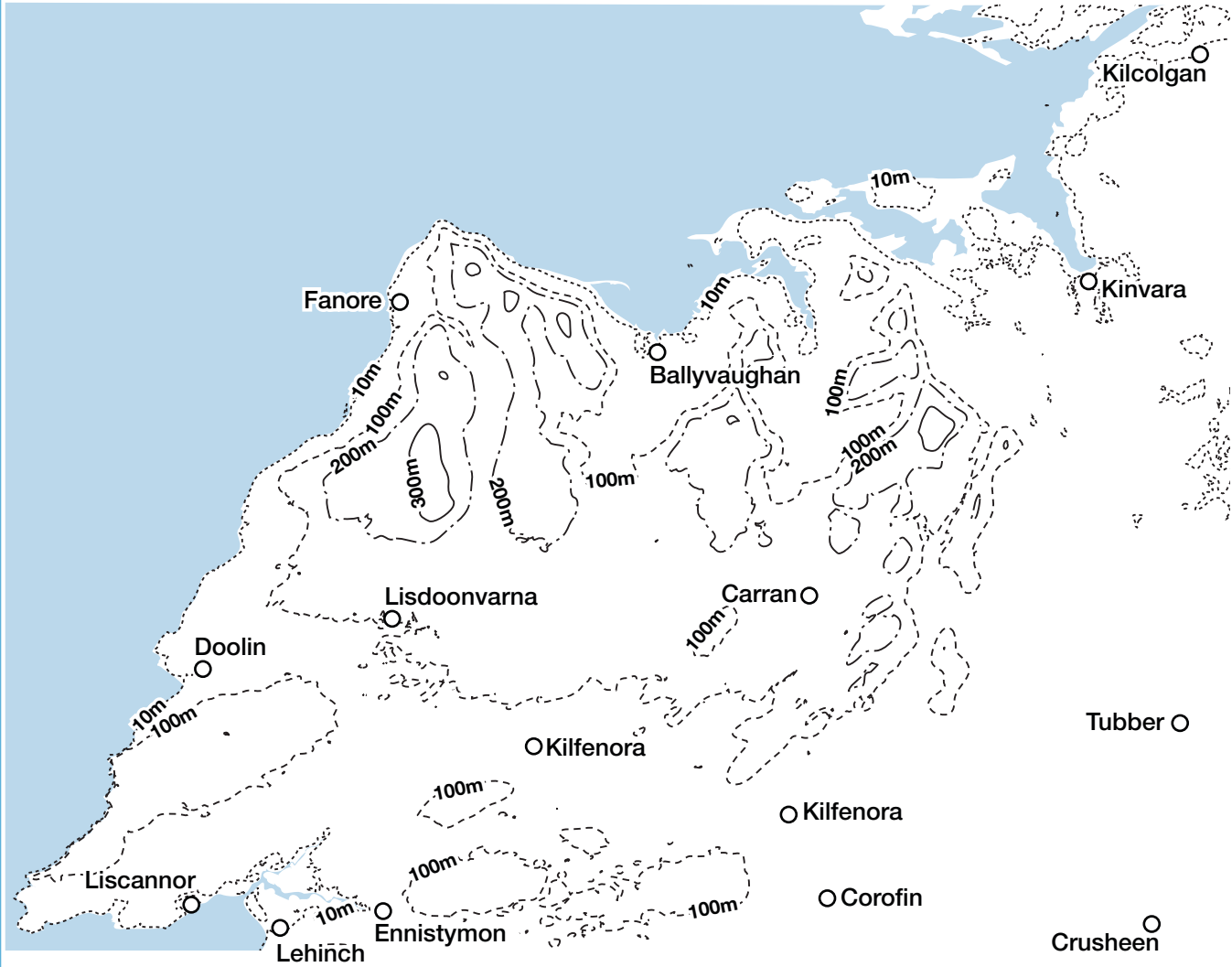


European Union  
European Regional Development Fund



## Exercise

Look at the map of the land heights (elevation) for the Burren region. Look at the map below of the land. Imagine you are working for the Irish coastguard. You have just received an urgent warning that a large earthquake has struck in the middle of the Atlantic Ocean, and the earthquake has produced a tsunami. The tsunami waves are still out at sea and are 1m high, but they will probably get higher when they reach the shore - maybe up to 10 m.



Q What town would you evacuate first in Co. Clare?

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Q What kind of damage do you think the tsunami would do?

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