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Do you know?

What a tidal barrage does.



Tidal Barrage -Getting in the way of global warming

Tidal Barrages are not dissimilar to hydro power stations which use dams in rivers to retrieve energy from the flow of the water. The difference with Tidal Barrages is that they are usually placed at the mouth of estuaries or bays.

This means that they can harness the power of the tide going in and out. This is achieved by sluice gates directing the tide through turbines as it goes out. Harnessing the tide is more sustainable than fossil fuel power, but tidal barrages can be costly and could affect the ecosystems around them.



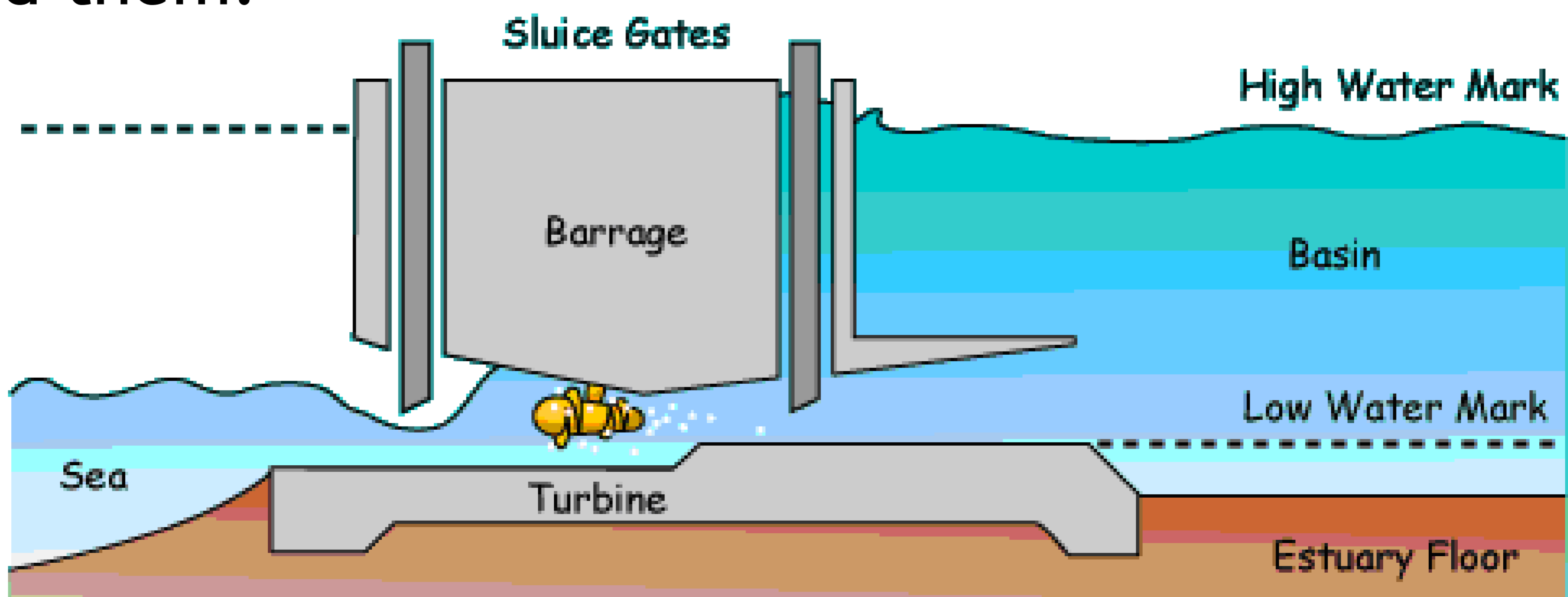
Aerial view of the tidal barrage on the Rance River, France



Dam of the tidal power plant on the estuary of the Rance River.



The Eider River tidal barrage near Tönning in Germany



Design by the students of Farlingaye High School.