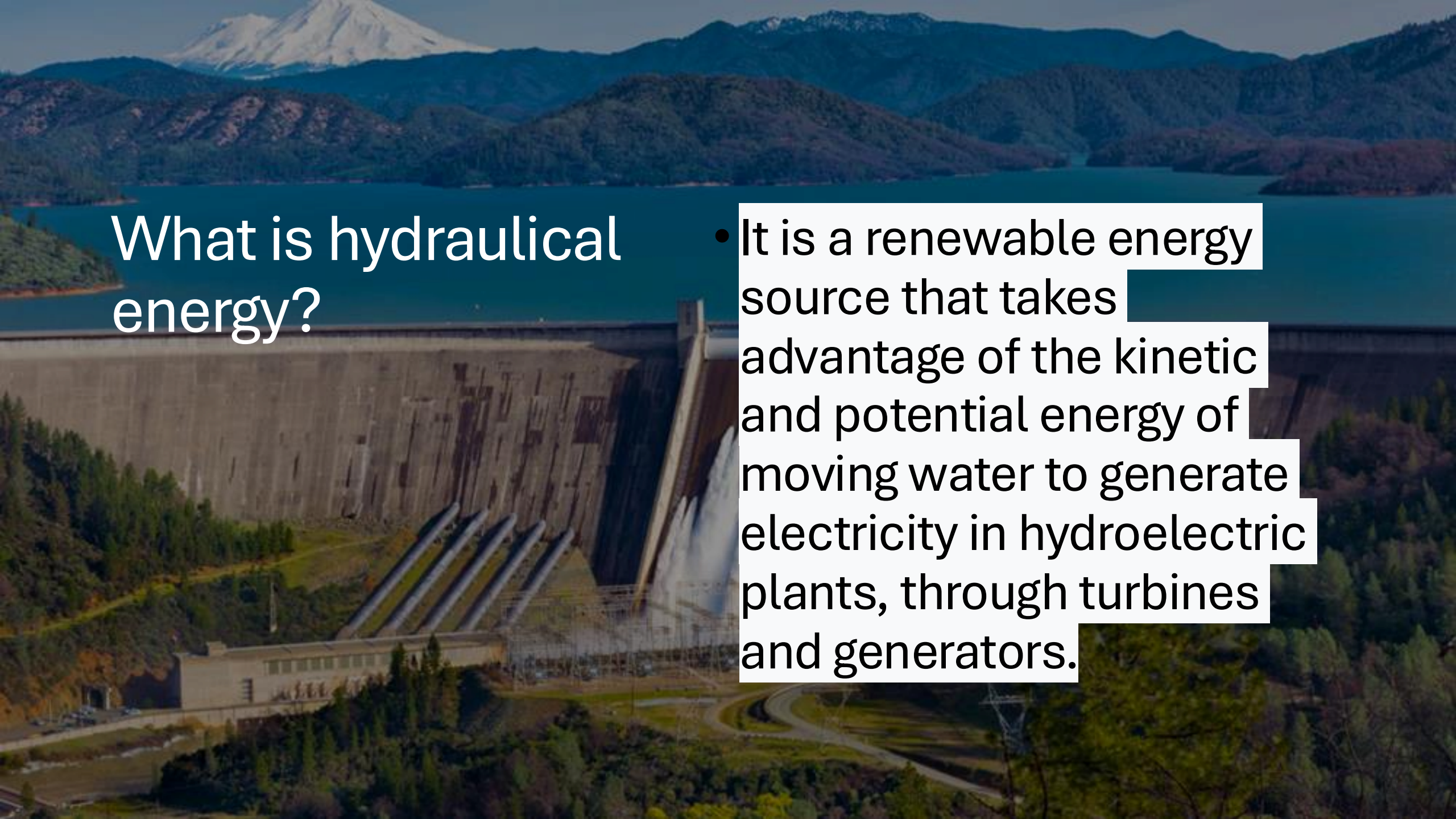


Hydraulical energy

Marcos Rancho Cela



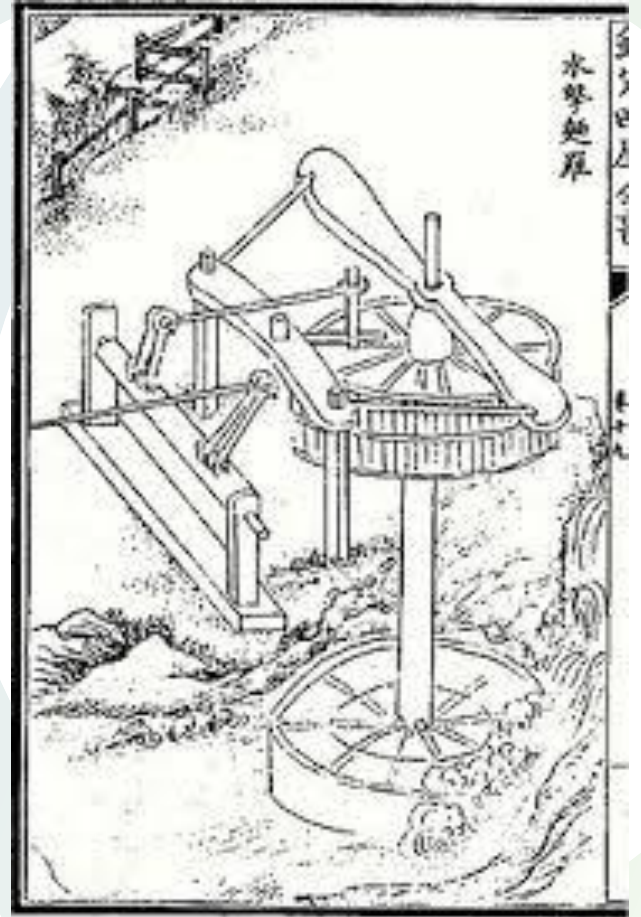


What is hydraulical energy?

- It is a renewable energy source that takes advantage of the kinetic and potential energy of moving water to generate electricity in hydroelectric plants, through turbines and generators.

It ´s history.

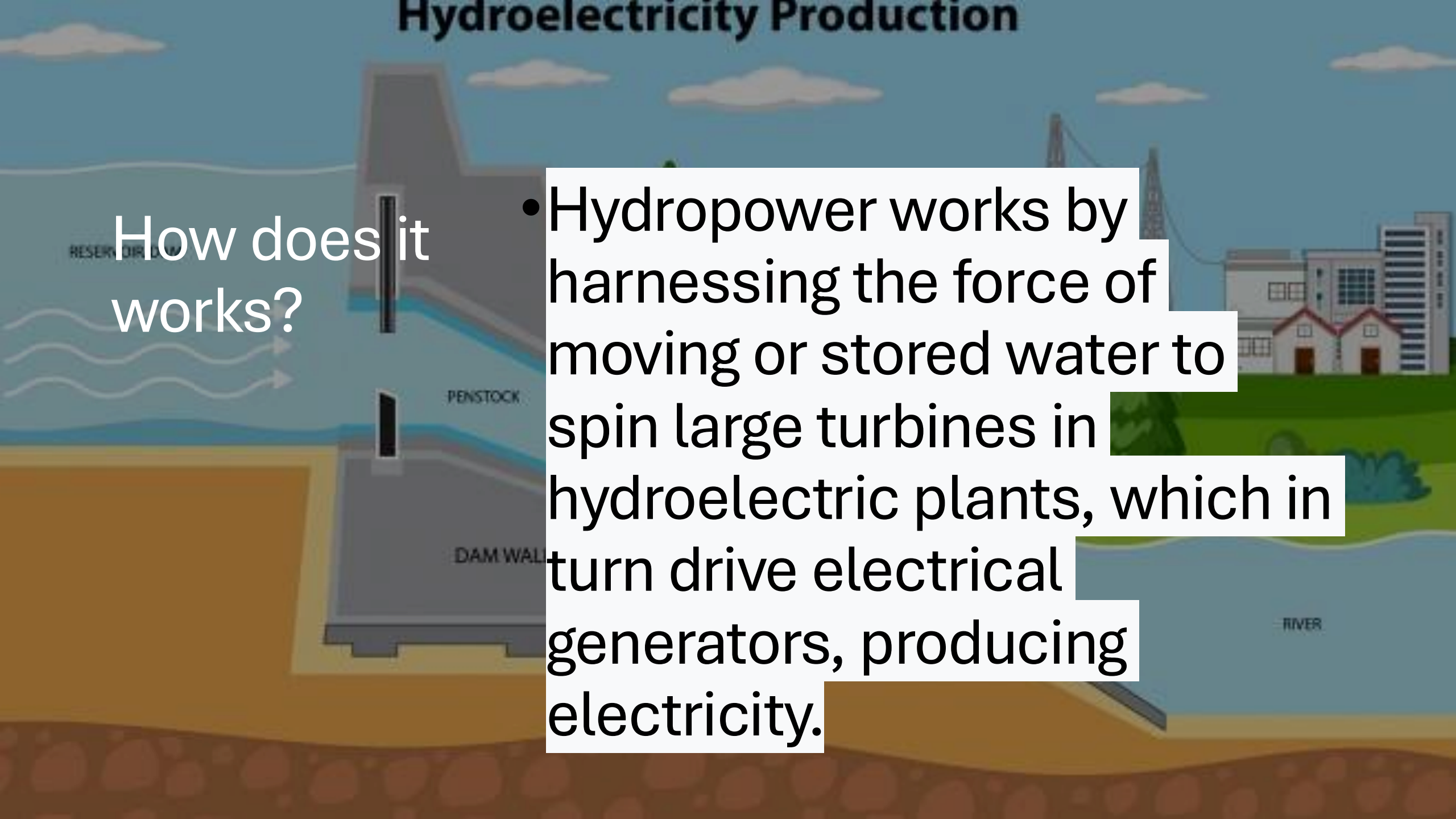
- The history of hydraulic power ranges from its ancient use to grind grain with water wheels (**Greeks, Romans**), to its rise in the Industrial Revolution with the invention of more efficient turbines such as the **Francis turbine**, and its global expansion with the first power plant in 1880 and its consolidation as a key source for electrification, with milestones such as the **Hoover Dam** and the **Three Gorges**.



Hydroelectricity Production

How does it work?

- Hydropower works by harnessing the force of moving or stored water to spin large turbines in hydroelectric plants, which in turn drive electrical generators, producing electricity.





The main country

- The main country that uses this energy is China with a very big production thanks to the Three Gorges Dam.



China