How can we generate energy from water

In 1880 the first blade wheel was build to be set on a big river to produce electricity
Nowadays
« The hydroelectric power comes from the potential energy of dammed water driving a water turbine and generator. The power extracted from the water depends on the volume and on the difference in height between the source and the water's outflow. This height difference is called the head. A large pipe (the « penstock») delivers water from the reservoir to the turbine. »

So that means there is two important information :

- the hight that the water will go through

- the amount of water



Blade wheel



Water turbine



River barrier