

ecol-unicon

INNOVATIVE  SOLUTION

HYDROFUN

Educational Water Park





HYDROFUN

Water education from an early age

HYDROFUN Educational Water Park is a recreational and educational area where children and youth can learn about issues related to retention, use of rainwater and hydrotechnical devices in an attractive way. They have the opportunity to learn what function rain gardens may serve, check how the Archimedean screw or water dam works, as well as get to know the operation of the Pelton turbine and the water mill.

Educational modules have been designed to be interesting for each age group. The use of retained rainwater in the system increases educational values and helps shape pro-ecological attitudes.

HYDROFUN fits perfectly into green spaces in a city or municipality - parks, recreational areas, as well as can be an attraction of modern housing estates or schools.



HYDROFUN

designed to teach, develop and entertain



methods of using
rainwater



ways to
save water



modern form and
quality of used
materials



safety
of use



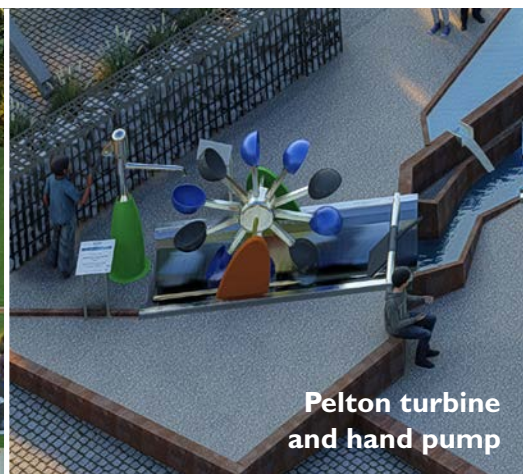
having fun together
outdoors



Archimedes Screw
for lifting water



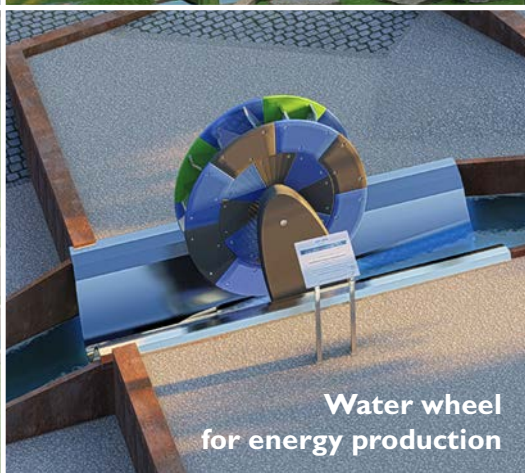
Fountain powered
by solar energy



Pelton turbine
and hand pump



Pelton turbine and valve



Water wheel
for energy production



Rain garden and
retention of rainwater



Invite us to a meeting and we will be happy to tell you more:
hydrofun@ecol-unicon.com

Remote control and monitoring



An integral element of the HYDROFUN park is the management and monitoring system, which provides users full control over the operation of the devices:

- control of water levels in retention reservoirs,
- control of the retention function,
- control over watering system,
- monitoring and alarming in case of pump failures,
- water quality monitoring,
- maintenance alerts.





WATER

the most valuable resource on earth



Water is the most widespread substance in nature. It occupies 72% of our planet's surface, which could suggest that we have plenty of this resource. That's not exactly true. It turns out that in practice only 0.4% of the total water resources is suitable for use as drinking water.

The problem of water shortage also applies to Poland. It is surprising, but in terms of the amount of drinking water available, Poland can be compared with Egypt. According to statistics, the amount of fresh water per statistical Pole is only 1500m³ per year, while the European average is 4500m³. It's dramatically low! That is why it is so important to be responsible and wise to manage this precious resource.



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