

The use of small streams, creeks and rivers, construction and operation of small hydroelectric power stations is a very specific sector of hydropower.

It cannot be compared with the construction of large dams. Specific conditions of a particular locality are much more important there. Each of them is different and special.

It will not be possible to adapt the landscape to the needs of a human, but a human will have to adapt his intention to the landscape.

In many cases it will be better to leave the cabinet theory and unnecessary overmechanizing. You cannot just mindlessly scale down the giant machines of large hydroelectric power stations into the required small sizes. Foliage, branches and other mess are not reduced in the same scale. This also applies to floods and other extreme conditions. For durability of machines and water work must be compromised to some percentage of the efficiency and resign a few tens of extra gained watts. It is better to follow the pattern of our ancestors through simplicity, robustness, ease of repair and service reliability.

It is important to understand the water and learn to live with it.

It is not dilettantism if you reach, from the economic reasons, surpassed technical solution wherever otherwise power of water would remain dormant.

We usually miss some general information on the company presentations of turbine manufactures. Mostly you learn that it is their own type of turbine which is the best for your location. But is it really true? It is often about a significant investment that finally may not meet your expectations.

Projects on micro power stations or small pumping equipment are often unreasonably rejected by officials at the regional level. It is mostly just because they are unable to be well informed about a particular issue. They prefer rejecting these projects to approving them.

It is impossible to convince people that all the talk about promoting the use of alternative sources of energy is not just an empty boast when the paperwork around the tail size of child grinder has often more sheets than a building permit of a family house.

Earlier in the history, dozens of mills, saws, mechanical engineering, textile mills and power plants worked on a several brooks in your surroundings. It was similar throughout the Czech Republic. They are all cancelled except some rare exceptions. The production was stopped and regions suffer from unemployment. At the same time, thanks to the cheap drive, they all were able to make a living. Therefore, a sensible use of natural resources, their direct processing or power generation could be today a possible solution to the protracted economic problems. Give water a chance ...