



wasserkraft

TURBINES AND HYDROELECTRIC ENGINEERING

MODERNIZATION & REVITALIZATION



FIT FOR THE FUTURE MODERNIZATION & REVITALIZATION

- Modernization of existing hydropower plants is one of our specialties! As operators of our own hydropower plants for many years, we are familiar with the problems of old hydropower plants and the enormous potential for performance enhancement through the renewal or revitalization of the equipment. Together we will find the best solution to bring your hydropower plant up to the latest state of the art technology and to make the entire plant as efficient as possible.



STEP BY STEP TO THE OPTIMAL SOLUTION

- The first step of a successful revitalization is a survey of the current hydropower equipment.

Our experts then prepare a technical assessment of the evaluation of the plant to determine which components should be overhauled or replaced.

This comprehensive analysis ultimately results in various options, from which we select the most economical option together with you.

Depending on the chosen option, we carry out all the necessary work - starting with the disassembly of the old turbine components and ending with the installation of the new or revitalized components.

OUR SERVICE OFFER

- We manufacture, supply and install single replacement components of all kinds as well as Kaplan, Francis or Pelton runners for your existing turbine, should it show signs of wear or other damage. Furthermore, we also offer complete overhauls of individual assemblies such as wicket gates, sealings & bearings.

Also for the renewal of hydraulic plant components such as cylinders, hydraulic and lubrication units, you are in the best hands with our hydraulic department.

In order to be able to operate a small hydropower plant economically in the long term, we also offer the automation of hydraulic steel components - to avoid downtimes and minimize maintenance simultaneously.





wasserkraft

HIGH QUALITY TURBINES

MADE IN AUSTRIA

■ WWS Wasserkraft GmbH
Oberfeuchtenbach 11
4120 Neufelden, Austria
Telefon +43 7282 5922
office@wws-wasserkraft.at
www.wws-wasserkraft.at