iC group of companies
Technical field Water Management

We are experts in complex engineering projects, providing interdisciplinary & technical solutions.

www.ic-group.org
Integrative solutions for complex engineering projects based on a broad spectrum of experience and international know-how.
A strong foundation.

As a company of chartered engineers, iC is a licensed expert in the following areas:

- Civil engineering - structural engineering
- Mechanical engineering
- Forestry & wood management
- Earth sciences
- Electrical engineering
- Environmental engineering & water management
- Technical chemistry & chemical engineering
Interdisciplinary expertise helps us keep our finger on the pulse.

Project planning and computation
Tendering and award of contract
Project management
Control and monitoring
Surveys and consultancy
Due diligence
Passion & principles are not opposites.

iC has a certified ISO 9001-2015 and ISO 14001-2015 quality assurance program in place.

According to iC’s policy, which is based on the Compliance Management System, our business activities are conducted strictly in line with all applicable laws, rules and regulations.
With more than 600 hundred colleagues we provide solutions for projects worldwide, based on our global know-how, competencies on site and experience in 100 countries.
The technical fields of iC offer solutions for complex tasks in the area of conflict between society, politics, environment and economy.
Water Management
Water is life - and our element! Our experience and commitment not only produce innovative solutions in individual projects, but also affect national and international water sector developments.
Surveying and remote sensing:
Terrestrial, GPS, echo sounder, laser scanning, drone and diving robot, hydrological and bed load measurements

Natural hazards:
Flood event docu, runoff analysis, hazard zone plans, risk analyses

Hydraulic engineering:
Flood protection, river renaturation, power plants, fish ladders

Construction and construction supervision:
Tendering and contracting, site supervision, construction site coordination

Numerical modeling

Research and development
Flood protection Lavamünd

Project Overview

Client: Marktgemeinde Lavamünd

Location: Lavamünd, Austria

Timeline: 2012–ongoing

Services: Detailed design, tender design, coordination for safety and health matters, site supervision
Run-off analysis Slovenian Drava

Project Overview

Client: Verbund Hydro Power GmbH

Location: Slovenia

Timeline: 2019–ongoing

Services: 2D runoff investigation on the Slovenian Drava from the border with Austria to the border with Croatia (approx. 140 km)
Fish bypass power plant
Annabrücke – River Drau

Project Overview

Client: Verbund Hydro Power GmbH

Location: Annabrücke, Austria

Timeline: 2017–2020

Services: Detailed design, tender design, site supervision
Bathymetric survey river Inn

Project Overview

Client: Office of the Tyrolean Provincial Government

Location: Austria

Timeline: 2020

Services: Terrestrial and GPS surveying, echo sounding, analysis
The water division is mainly handled by our subsidiary **flussbau iC**, which is an internationally active company based in Villach and Vienna. Our **experts cover the entire field of hydraulic engineering**, including studies of natural hazards, surveys and monitoring, hydropower, morphology studies as well as construction supervision and works management, to the entire measurement technology in hydraulic engineering, geoinformation systems and numerical modelling (hydrodynamics and solids 1D/2D/3D) as well as infiltration.