



# Your partner for industrial GRP pipe solutions

Turnkey projects all around the globe



# Amiblu GRP pipe systems Engineered for the next generations

Hobas and Flowtite glassfiber reinforced plastic (GRP) pipe systems by Amiblu are the product of over six decades of innovation, experience and development.

We are the largest producer and technology partner for GRP pipes in the world.

As a project partner, we provide comprehensive solutions for engineering challenges, installation requirements, commercial considerations, and further cornerstones that are essential for the success of your industrial project. Partnering with Amiblu means sharing responsibility for every aspect of a project – from start to finish.



Let our team help your team!

On any project, you need to know that the people you work with are as committed to your success as you are. We believe in the long view and the longterm. So we partner with our customers from concept through to in-operation. We add value with innovative GRP solutions that outscore traditional alternatives on every parameter. We help you solve your problems and overcome your challenges to guarantee longterm, sustainable performance.

# Our promise: top-notch solutions for successful industrial projects

Amiblu is a reliable partner in industrial projects, providing turnkey solutions with customized GRP pipelines for various applications such as desalination plants, chemical factories, power stations, LNG terminals, the paper industry, refineries, mining, and many more. We are more than product supplier to you: Our expert engineering, project management, and installation teams stand by your side from the first until the last minute of a project.

Our products comply with the most challenging national and international standards as well as tender requirements at the highest technical level. With state-of-the-art production technologies and top-notch raw materials, Amiblu experts design customized solutions that make your project a resounding success that lasts for generations.





# Your benefit: support and supervision from start to finish

As a system supplier, Amiblu attaches great importance to service. Our dedicated industrial team makes sure that your project runs smoothly from A to Z. This includes the initial study, stress-analysis calculations, design of the pipes and fittings, manufacture, quality control of the finished product, shipment and on-site installation. We support you all the way from the first inquiry to the final site acceptance of the contracted work.

Amiblu is also a devoted partner to small, medium and large EPC (Engineering, Procurement and Construction) contractors worldwide. We follow our European EPC clients into the world, where we utilize our family network of manufacturing plants, sales offices, engineers and installation teams, to deliver turnkey projects.



## Worldwide Amiblu network

Amiblu has more than 20 production facilities worldwide - fully owned, joint ventures and licensees. Our network of highly skilled and experienced engineering teams make nearly every GRP solution possible for our customers.



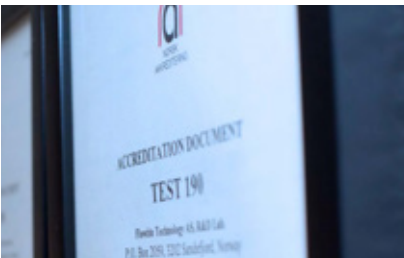
## Comprehensive engineering and project management for effective projects

We offer a comprehensive project assessment for optimal technical solutions, including a cost-effective product selection, stress analysis, surge studies, and construction drawings.



## Getting things in place on time

Our logistics experts solve the most complex shipping issues for delivery to remote and challenging locations. We also handle the design, supply, and installation of additional pipeline elements including metal supports, valves, and actuators.



## Quality control at every stage

With the largest officially accredited testing laboratory for GRP pipes worldwide, we ensure continuous quality control of incoming raw materials through to finished products.



## Expert project management & installation teams

A team of experienced project managers is dedicated exclusively to our EPC and other turnkey contract customers. Highly skilled installation teams are globally deployed to lead pipe installations on the most demanding sites.



## Safe and sophisticated commissioning

Our commissioning services guarantee controlled startup using advanced equipment such as ultrasonic and pressure testing and RFID. We provide thorough data analysis for materials, valves, and supports to ensure the success of the finished product.



**Lean production, effective monitoring**

Proven systems for monitoring of dimensions, curing temperature, wall thickness, length, and diameters ensure efficiency and quality throughout the entire manufacturing process.



**Special liners for the most challenging applications**

Our customized GRP pipes feature highly durable inner protective layers, offering exceptional resistance to abrasion and impacts, and outstanding performance in deflection and strain corrosion tests.



**Unrivalled advantages of GRP**

GRP is characterized by its low weight at high mechanical strength, resistance against chemicals and corrosion (thanks to its non-conductive properties also electrolytic corrosion), UV radiation and temperature stability, as well as environmental friendliness.



**Integrated systems approach**

In addition to our standard pipes, we offer customized GRP fittings for the storage and transport of liquids as well as smart manholes with integrated pumps and valves.



**Leak-tight jointing systems**

Our Amiblu GRP industrial pipe solutions are supplied with proven jointing systems that ensure the systems work reliably throughout their whole service life.



**From 15 mm to 4000 mm**

No project is too large or too small for us: Amiblu GRP pipes are available in a broad range of nominal diameters from DN 15 up to DN 4000 (mm).

Follow the links below to learn more about how Amiblu GRP pipe systems are successfully installed in industrial projects in Spain and Brazil:



Video: GRP pipes for giant industrial WWTP in Spain



[bit.ly/industrial-WWTP-Spain](https://bit.ly/industrial-WWTP-Spain)



Video: Cooling water system for TPP in Brazil



[bit.ly/cooling-water-system-TPP-Brazil](https://bit.ly/cooling-water-system-TPP-Brazil)



### GRP PIPES FOR THE EXPANSION OF THE ZEEBRUGGE LNG PLANT OF FLUXYS (BELGIUM)

GRP pipes in various diameters were installed for the expansion of an LNG terminal of the energy infrastructure company Fluxys in Zeebrugge. Apart from the pipes, which were produced in the factory in Camarles, Amiblu Spain also designed and supplied all necessary steel supports and equipment such as expansions and vents.

## Reference projects all around the globe

Amiblu industrial GRP pipe systems have an impressive track record and are installed around the globe. We supply various kinds of industries where extraordinary operating conditions call for chemically, mechanically, and thermally resistant pipe materials. Find a vast collection of industrial projects in our Amiblu reference database at [www.amiblu.com/references](http://www.amiblu.com/references).



### BIAXIAL PIPES FOR THE WORLD'S LARGEST DESALINATION PLANT (SAUDI ARABIA)

The Ras Al-Khair seawater desalination project, featuring the largest desalination plant in the world, utilizes Flowtite biaxial pipes and patented joint technology, with over 20,000 Amiblu joints installed.





**DOLNA ODRA POWER PLANT EQUIPPED WITH AMIBLU GRP PIPES (POLAND)**

For the new cooling and recirculation systems of two gas-fired power units (total capacity of 1,400 MW) Amiblu GRP pipes and fittings have been installed.



**Amiblu®**

**BIOGAS REACTORS FOR VEST BIOGAS PLANT IN HORMINDAL (NORWAY)**

As part of Norway's most advanced renewable biogas plant, powered by Antec's technology, 20 biogas reactors have been manufactured by Amiblu Spain in Camarles.



**COOLING WATER SYSTEM FOR THERMOELECTRIC PLANTS (BOLIVIA)**

For the power plants of Warnes and Entre Ríos, Amiblu designed and supplied the necessary cooling water system with Flowtite GRP pipes. Additional services: stress analysis, isometric drawings, support design, as well as logistics and final hydraulic tests.



**GRP PIPES FOR THE JORF DESALINATION PLANT IN MOROCCO**

More than 7000 m of biaxial GRP pipes ranging from DN 400 to DN 2000 have been supplied for the upstream and downstream connections of the complex water system at the JORF modular desalination plant.



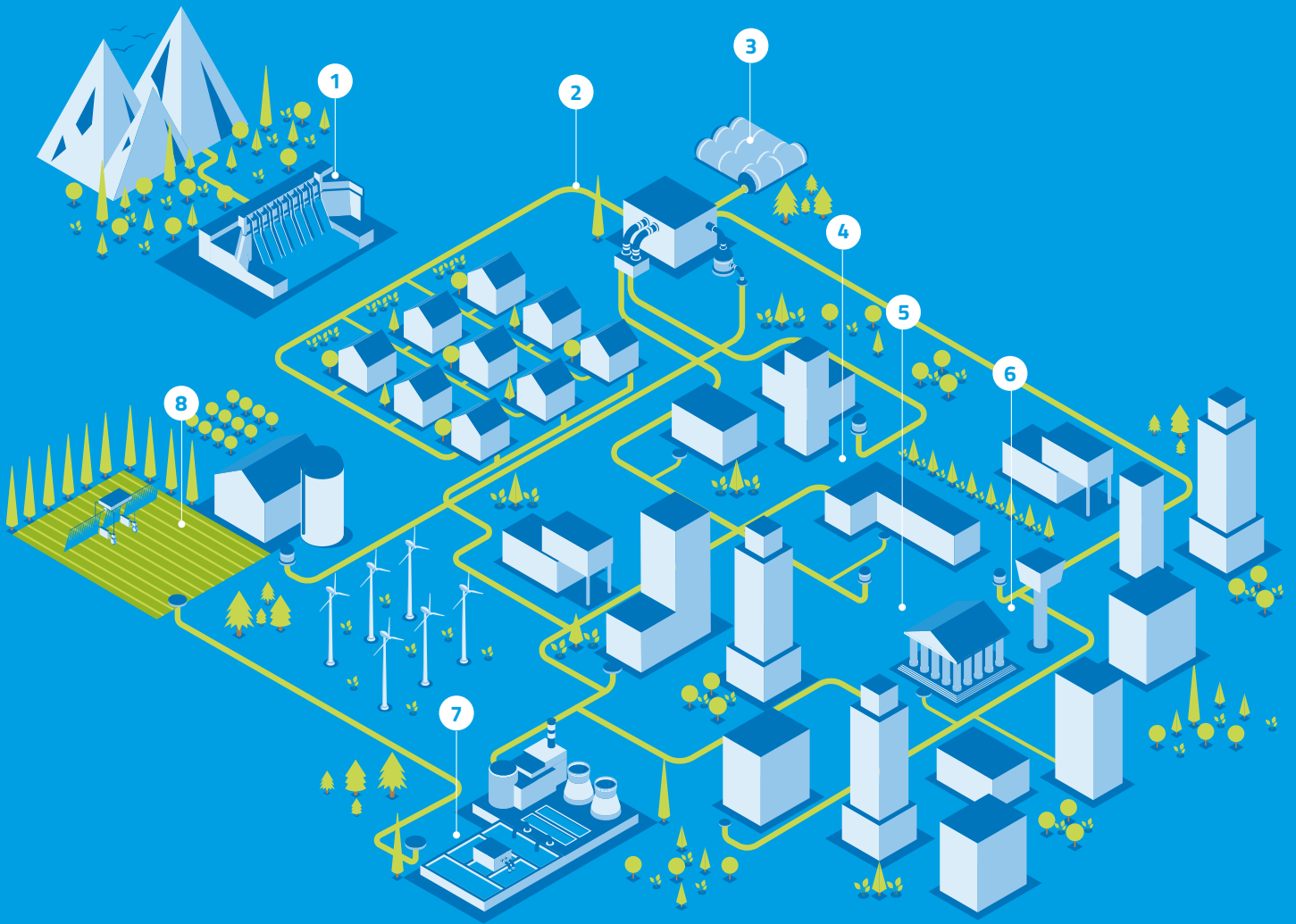
**TURNKEY SOLUTION FOR THE GNA-II POWER PLANT (BRAZIL)**

For the installation of the Gás Natural Açu power project (GNA-II), the largest power plant in Latin America with an installed capacity of 1.7 GW, Amiblu supplied biaxial GRP pipes, special fittings and joints in various diameters.



## Let's value water as we should.

1. Hydropower
2. Potable Water
3. Storage Tanks
4. Sewage and Stormwater
5. NC Pipes Rehabilitation
6. Jacking Pipes
7. Industry
8. Irrigation



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