



GALVANIC PLANTS
THAT GO BENEATH
THE SURFACE



Building innovation
for electroplating
and water treatment.



Designing latest generation systems to bring value to the surface.

This is the core activity of Uberplants, a company specialising in the engineering and installation of galvanic plants for electroplating, as well as for industrial water treatment and purification.

Our objective is to assist our clients in obtaining the most from their products by providing customised and innovative technological solutions.

To achieve this, we tend to each and every one of our plants, down to the last detail. We do so because we know that the only way of obtaining a perfect finished product, is by devoting all possible attention to the invisible work which unfolds beneath the surface.



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THE DEPTH OF OUR VALUES IN SUPPORT OF YOUR PROJECTS.

Uberplants Italy is a young industrial entity, forming part of the LEM Industries S.p.A. group which conceptualises, creates and installs galvanic, water treatment and purification plants. The plant solutions we propose to our clients are highly technological, yet simple and high performing.

Our installations are customised to assist any business by optimising its activities and to obtain the best from its production processes. To reach this objective, each aspect of our work is inspired by certain fundamental principles which underscore our concept of professionalism.

Innovation

Uberplants installations implement advanced technologies and the latest generation control and management systems to provide highly innovative production solutions.



Caring for the environment

Uberplants installations prioritise safeguarding the environment by focusing on water savings and recycling, as well as in rationing energy resources.



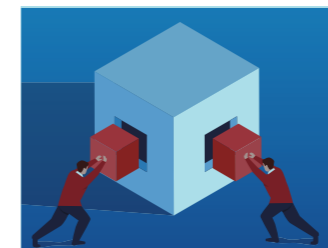
Efficiency

The services and plants proposed by Uberplants to its clients are orientated towards optimising production processes, costs and energy management in order to guarantee maximum efficiency.



Simplicity

For Uberplants, 'efficiency' also means ease-of-use. That's why all our systems and plants are designed to be simple to install, to utilise and to maintain - and are customised on the basis of every client's needs.



Safety

The prevention and management of unforeseen incidents are essential in the protection of persons and facilities involved in the production cycle. To this end, Uberplants systems are conceived and engineered to guarantee maximum safety.



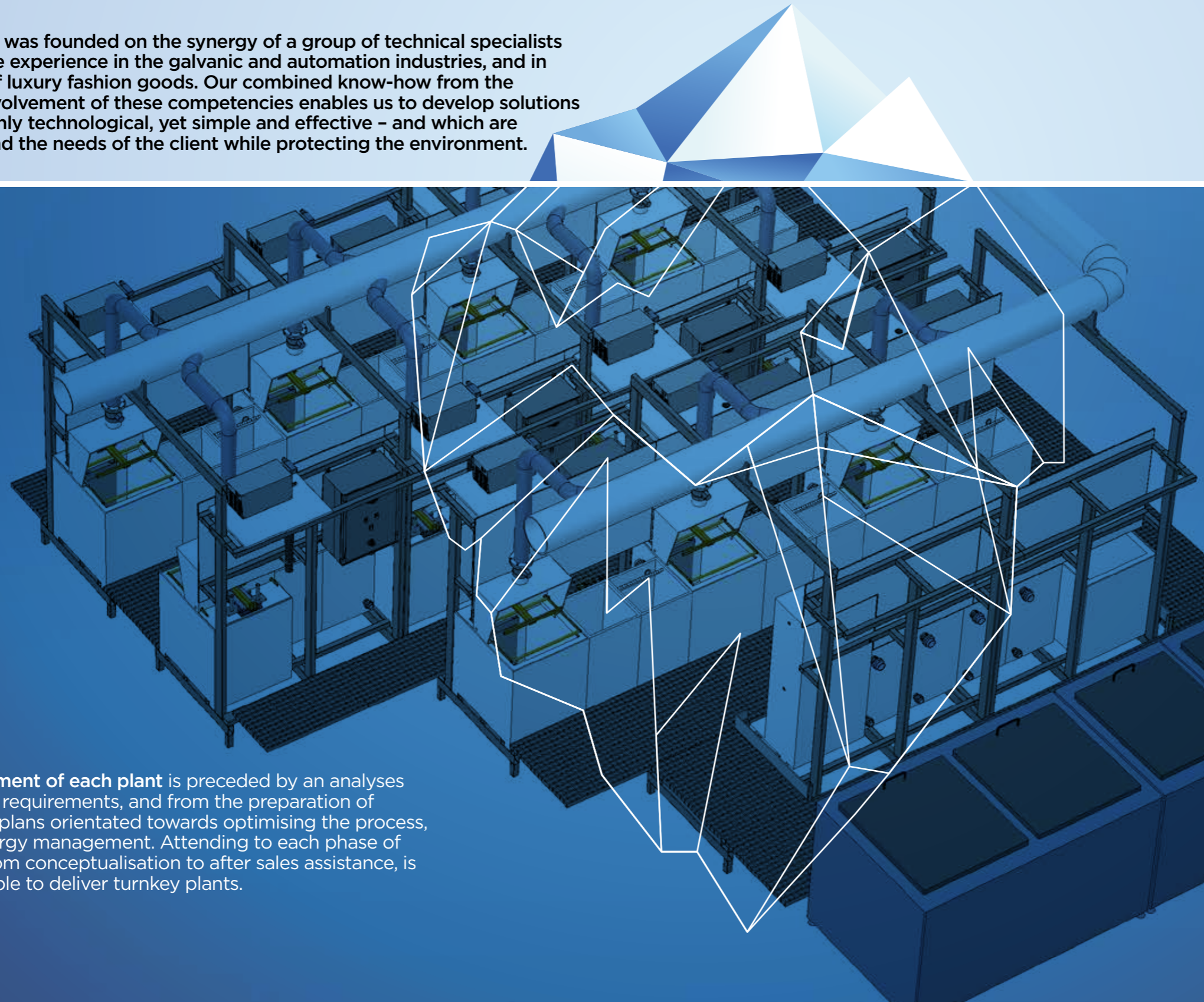
Reliability

Uberplants solutions do not only respond to the immediate needs of clients, they are also conceptualised to be high performing and efficient over time.



WE DESIGN PLANTS WHICH ENABLE YOUR FULL QUALITY TO EMERGE.

Our company was founded on the synergy of a group of technical specialists with extensive experience in the galvanic and automation industries, and in the coating of luxury fashion goods. Our combined know-how from the continuous evolvement of these competencies enables us to develop solutions which are highly technological, yet simple and effective - and which are created around the needs of the client while protecting the environment.



The establishment of each plant is preceded by an analysis of production requirements, and from the preparation of development plans orientated towards optimising the process, costs and energy management. Attending to each phase of the project from conceptualisation to after sales assistance, is how we are able to deliver turnkey plants.



OUR PROFESSIONALISM IN SERVICE OF YOUR PRODUCTS.

Uberplants systems solutions are distinguished, thanks to certain particularly competitive characteristics.

Customisation

Uberplants installations and their software management systems are engineered by analysing the production modalities and needs of the client, thereby achieving maximum customisation and flexibility.



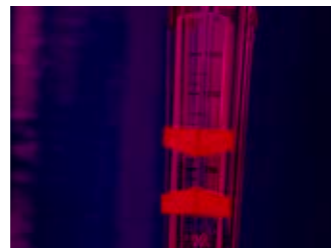
Industry 4.0

Uberplants galvanic installations are avant-garde, based on innovative technologies capable of effectively implementing digital control and management systems of the latest generation.



Ease of maintenance

Uberplants installations are set up in such a way that the work and maintenance areas are distinct from one another, rendering maintenance safer and simpler, thereby also limiting production shut-downs.



Raw material recovery

Galvanic plants by Uberplants are designed to optimise material consumption while integrating systems for the recovery and recycling of raw and precious materials.



Energy saving

By using heating systems alternative to electrical methods, our plants enable significant savings in energy consumption.



Autonomous management

Uberplants installations are designed to be run autonomously by our clients, who are properly trained by our staff to be able to carry out routine maintenance activities.



THE UBERPLANTS METHOD: AN INTEGRATED PATH TO ENABLE YOUR PROJECTS TO EVOLVE.

The solutions we propose – both for the setting up of new systems and for the enlargement of existing plants – begin with the analyses of intended production objectives in line with environmental legislative requirements.
The route we advocate foresees:

On-site assessment to determine needs and production standards, to obtain samples and to determine available space and relevant dimensions

Conceptual design of the plant and presentation of our quotation

3D plant design

Development and customisation of **management software**

Pre-installation of the plant at our premises to verify all construction and functional characteristics in order to minimise production down-time for the client

On-site installation at client location

Works management

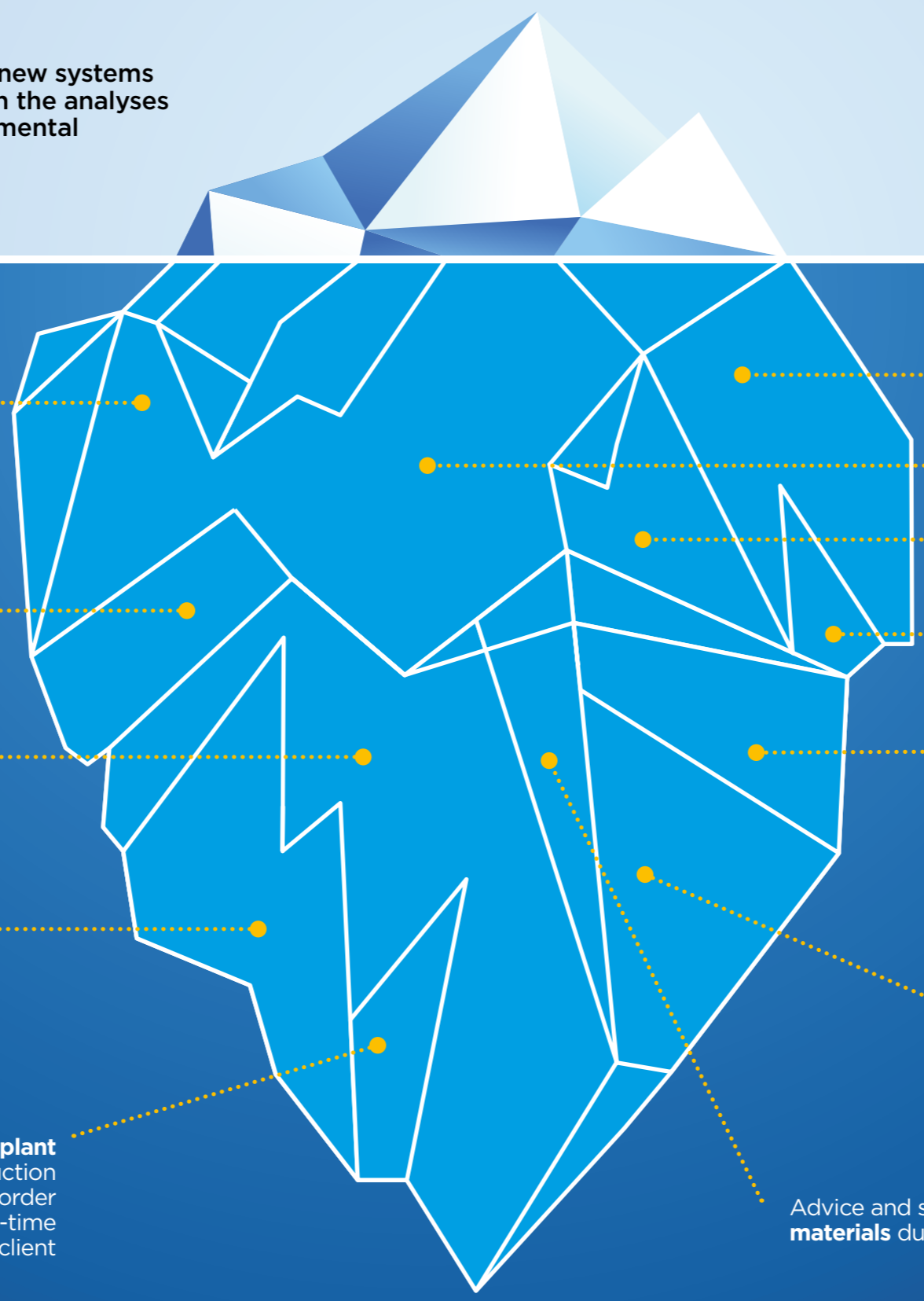
Carrying out of testing by our technical representative

Start-up of the plant through control and maintenance phases

Client-training for the purposes of enabling autonomous operations of routine maintenance

Dedicated **technical assistance**

Advice and service for the **recovery of raw materials** during operational cycles



UBERPLANTS FOR ELECTROPLATING OF THE FUTURE.

Uberplants Italy designs manual and automatic galvanic plants according to the specific requirements of its clients, and which are conceptualised to optimise processing and production timeframes. Aside from the installation of new plants, Uberplants also offers solutions for the updating, renovation and enlargement of existing plants.



Electroplating plants:

we construct plants which integrate fully automated systems in order to guarantee total autonomy over production processes. We offer plants of various dimensions, adaptable to cater to any type of surface treatment.

We enlarge and renovate existing galvanic plants:

Uberplants modifies and modernises existing electroplating plants, and in the process installs new baths and finishes.



Industrial washing:

we install manual and automatic systems which provide both pre- and post-treatment cleaning of parts.



UBERPLANTS SYSTEMS FOR WATER TREATMENT AND PURIFICATION.

Uberplants designs and installs plants for the purification and treatment of processed and industrial wastewater. Chemical, physical and biological treatments allow the purification of water, thereby removing all undesirable substances in the form of sludge.



Recirculation systems:

we design and install plants for the treatment of washwater for galvanic plants.

Uberplants designs various systems for the purification and treatment of water:

- ▲ Industrial wastewater treatment and purification systems
- ▲ Resin systems for the demineralisation and softening of water
- ▲ Recirculation systems for vibratory water
- ▲ Ultrafiltration and reverse-osmosis systems
- ▲ Batch-processing plants
- ▲ Evaporators
- ▲ Filter presses for sludge dewatering
- ▲ Softeners

Discharge systems:

Uberplants builds water treatment systems which enable the reduction of hazardous substances, thereby allowing for the conventional sewage discharge of wastewater.





OUR SERVICE GUARANTEES CLIENTS PREDICTIVE MAINTENANCE IN LINE WITH INDUSTRY 4.0 STANDARDS.

Uberplants guides its clients through all phases of design, activation and maintenance of plants, thereby guaranteeing a distinct service in predictive assistance both during pre- and post-sales, as well as when prompt technical assistance is necessary.



▲ **Preventive and predictive assistance and maintenance**, by means of control units on installations, allowing verification of equipment status and the programming of possible interventions

▲ **Rapid response** in cases of plant production stoppage

▲ **Scheduled routine** and extraordinary maintenance

▲ **Regeneration of resin plants**

▲ **Replacement of active carbon**

▲ **Sanitisation of galvanic pipelines**

Uberplants supplies products and components by means of a personalised service which is timely and economically sustainable for the client:

▲ Anodes

▲ Filter discs, cartridges and bags

▲ Ion-exchange resins

▲ Carbon (of various types according to relevant use)

▲ Power supply rectifiers

▲ Electrolytic precious metals recovery systems

▲ Electric resistance heaters

▲ Heat exchangers and plastic heating coils

▲ Ultrasonic generators

▲ Level and temperature sensors

▲ Diaphragm pumps

▲ Centrifugal pumps

▲ Filter pumps

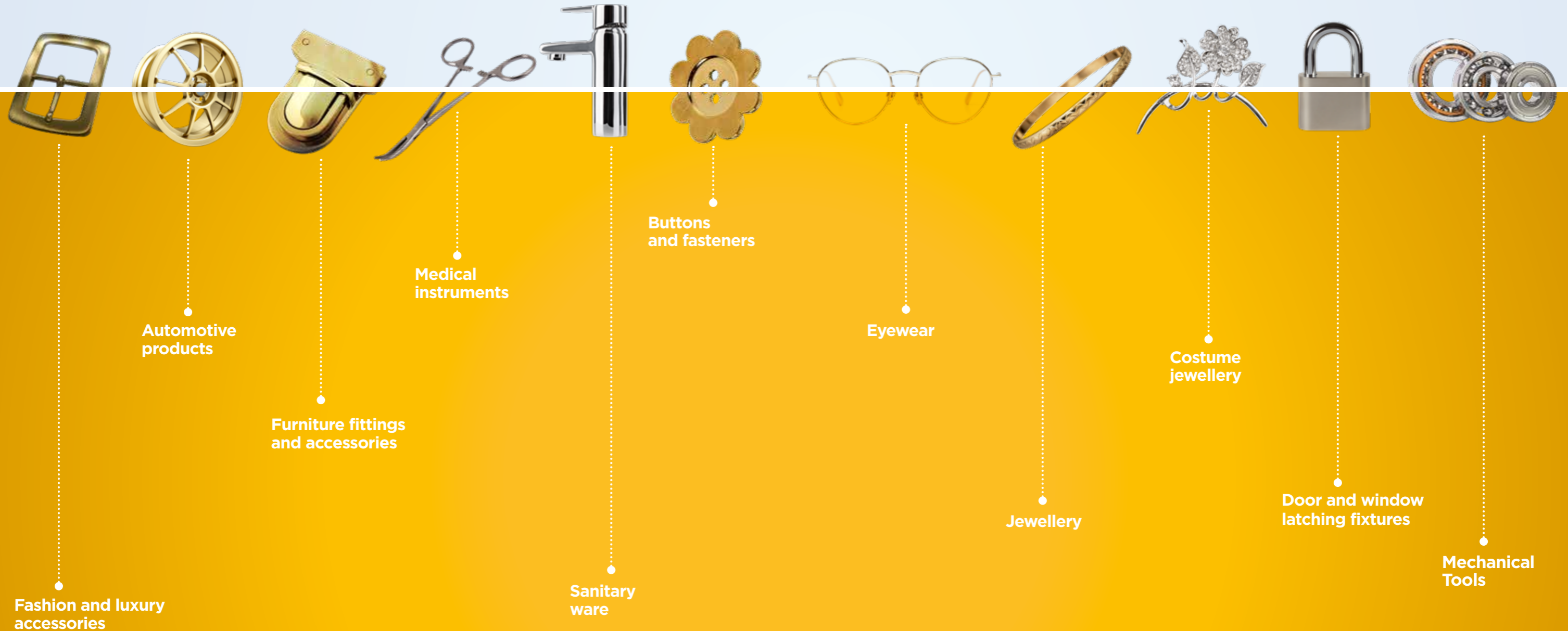
▲ Fibreglass tanks

▲ Sensors and measurement instruments for PH and conductivity



INSTALLATIONS AND SERVICES CUSTOMISED TO ALL BUSINESS TYPES AND ALL PRODUCT CATEGORIES.

Uberplants systems accommodate clients who are active in the most diverse of production sectors, serving businesses of any size.

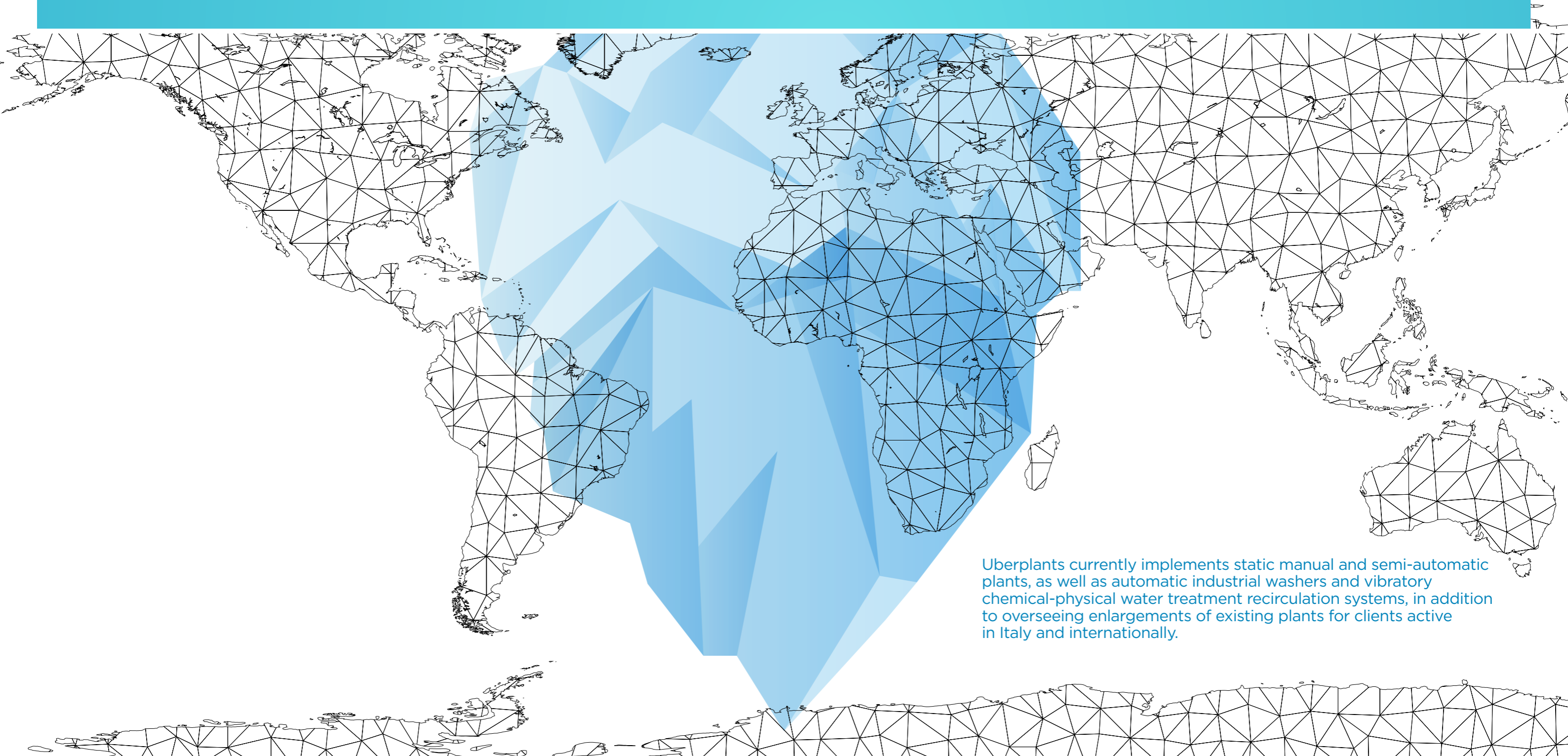


Every Uberplants installation is designed with the operational modalities of the client in mind, addressing specific requirements in the best way possible, thereby adapting to the needs and business characteristics of the client. Whatever the industry or business sector, Uberplants is able to devise customised development plans for the optimisation of costs and processing in all operational phases.

Uberplants guarantees its clients tailor-made services: all design stages, activation and maintenance of installations are addressed in collaboration with the client, adapting all requirements to the needs and characteristics of the business.

UBERPLANTS: HOME ALL OVER THE WORLD.

Our experience in consistently researching innovative solutions, allows us to create turnkey plants ready for installation at businesses active all over the world.



Uberplants currently implements static manual and semi-automatic plants, as well as automatic industrial washers and vibratory chemical-physical water treatment recirculation systems, in addition to overseeing enlargements of existing plants for clients active in Italy and internationally.

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