

# WELYSIS

+ THAN ELECTROLYSIS



## More than electrolysis plants

Fast implementation, easy scalability  
and optimized cost.



**The 100% of world's population needs access to hypochlorite for disinfectant and water treatment use**

01

Leading technology in the market to become a member of an innovative and unique network

Welysis Plants adapt to small productions needed locally

02

**A huge part of the world's population doesn't have direct access to hypochlorite -> it is imported**

**The global demand of hypochlorite will grow a 5% annually in the period 2021-2030**

03

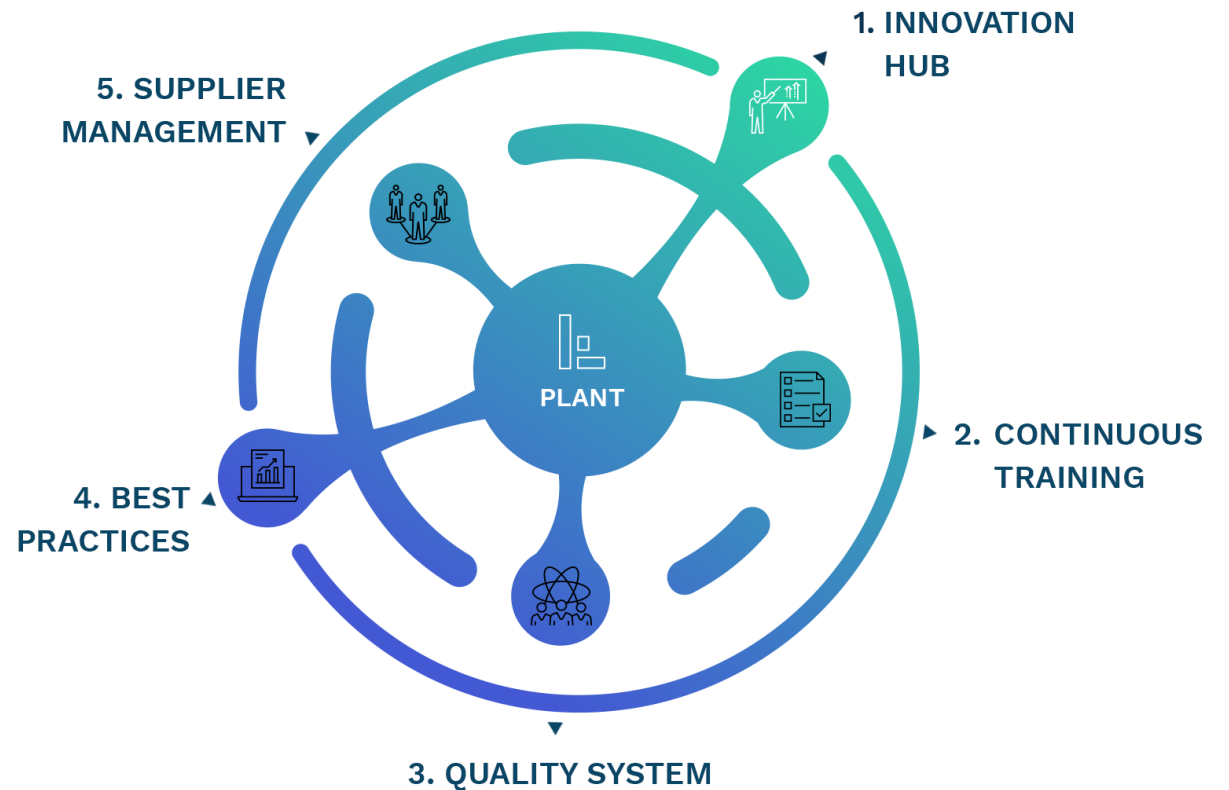
Fast implementation, easy scalability and optimized cost

*Welysis + than electrolysis*

# What we offer

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- We build electrolysis plants, and we operate them
- We bring together the best technology of the market (AVS), the most optimized small-scale plant in Europe (Biomca) and the world market knowledge (Maxisalt)
- From Tenerife we innovate, develop, build, and supply the best plants in their market segment.
- Our R + D + i center, formation, best practices and quality system controls the management of Plants throughout the world.



# What we do

Through the electrolysis process we separate the salt and water components to produce sodium hypochlorite and hydrogen



Welysis modular plants will be fully assembled in Tenerife for all its customers around the world



## What does it solve?



Hypochlorite is the base chemical for water purification and treatment, bleach production.



The global production of hypochlorite is concentrated in **large production facilities** and then distributed throughout the world.



Apart from the elevated cost, **the transport of hypochlorite is considerate high risk** (ADR) and prohibited in some territories.

The **Welysis plants** of reduced size **solve the local demand** of a territory avoiding risks, optimizing costs and guaranteeing the continuous supply of essential products.

## How does it work?

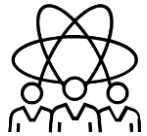
With a complete assembly method placed in Tenerife, **plants are turnkey configured for each client** at the fastest market timing.

**Standard and scalable plants (S,M,L)**, capable to adapt to market demand.



Joining Welysis Project guarantees being part of:  
**Network of excellence based on 5 pillars:**

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**Pillar 1**  
Innovation  
Hub



**Pillar 2**  
Continuous  
training



**Pillar 3**  
Total  
Quality



**Pillar 4**  
Best  
practices



**Pillar 5**  
Suppliers  
Management



## Pillar 1

# Innovation Hub

Our Welysis R + D + i Center covers the entire innovation process, from product process design to the beginning of production

Cross-functional project teams are organized by Welysis to ensure simultaneous engineering of high-quality products and process that satisfy the market needs.

These innovative products and process will be proved and shared within the network to preserve our market leadership.

It is structured around:

- Customer orientation,
- Product innovation management,
- Market and customer expectations,
- Product Lifecycle Management,
- Functional excellence in R + D + i.

## Pillar 2

# Continuous training

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- In the Welysis Training Center we develop the skills of technicians and staff ,where they Will work on a real facility (BIOMCA) while experiencing the ongoing plant construction right next door.
- We train to **respond in real time** to any plant requirement.
- We guarantee the knowledge of the respect and improvement of the plant standards.
- **Lifelong continuous formation** on techniques, improvement and continuous innovations in similar Plants around the world.

**Respect, Responsibility and Teamwork**





## Pillar 3

# Quality System

Total Quality is the ultimate goal and mindset to achieve customer satisfaction on a daily basis.

- With our **Control center** in Tenerife we monitor the product/process of the entire Welysis Network in real time
- **Annual Audit** of Welysis
- The Plants are certified under the **Main International Standards and Regulations**

An **annual quality and process audit** is performed at each Welysis plant, which is essential to evaluate the success of processes, products and systems. We want to **guarantee the maximum benefit** of each production unit, and the quality audit will highlight examples of Good practices.

**The best Plants are recognized throughout the Network** for their excellent work and as a role model for others.



## Pillar 4

# Best practices

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We share the **Continuous Improvement through the best users' experiences** of all the Welysis Network Plants.

A **centralized App** helps users to solve problems and implement technical improvements already experienced in other plants in the world.

- **We implement the TPM (Total Productive Maintenance)** to emphasize proactive and preventive maintenance and maximize the operational efficiency of the equipment.
- **24/7 Multilingual Call Center.** With our Tenerife **Control Center**, we monitor products and process activities for all the plants Worldwide. **Our technicians can provide online and live support to improve and solve any open request.** This will allow the equipment on site to have a quick response and easy to operate to improve plant downtimes and improve the productivity at the most efficient cost.
- **Global Technical forum** . Annual meeting point for all network users. **We have an annual program of technical webinars and conferences to establish goals and strategies with all Plants and help troubleshoot specific content for plant use.** The best practices and troubleshooting techniques are disseminated throughout the network to achieve the best levels of efficiency for Plants.

## Pillar 5

# Supplier management

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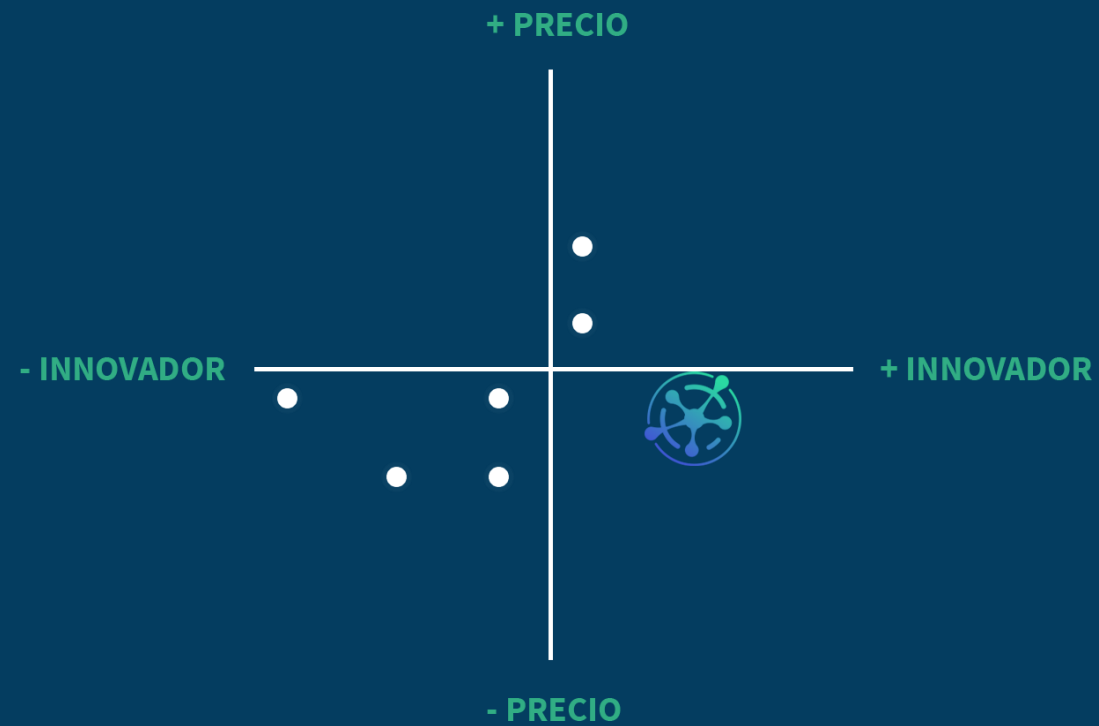
We select consumables and spare parts suppliers, so they respect and apply our value standards, and they become true partners on quality and innovation terms.



### Welysis becomes strategic by:

- **Salt specialist** for the continuous supply of high-quality raw materials.
- **Strategic spare parts center** in Tenerife for Quick Emergence Delivery of key spare parts
- **Temporary Replacement of workers** until qualified local workforce is guaranteed.
- **Energy contracts negotiations.** We help each plant to negotiate with its local Energy suppliers.
- Financing available through the most reputable Financial Entities worldwide

At technological level, Welysis is ubicated at the most innovative level in the Word in relation to other competitors





# ¿Why us?

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Our unique model of plants included in a World Network guarantees the client **the best technology on the market** and ensures Continuous Improvements continued time.

# W E L Y S I S



**WELYSIS INDUSTRIES SL** is a company established in Tenerife by industrial partners with huge experience in the electrochemical sector and a unique business model unique for the development, construction and sale of modular electrolysis plants.



# How has investment returned in different countries?

25 years lifetime



# SUSTAINABLE DEVELOPMENT GOALS

**Committed** to humanity, people and the environment

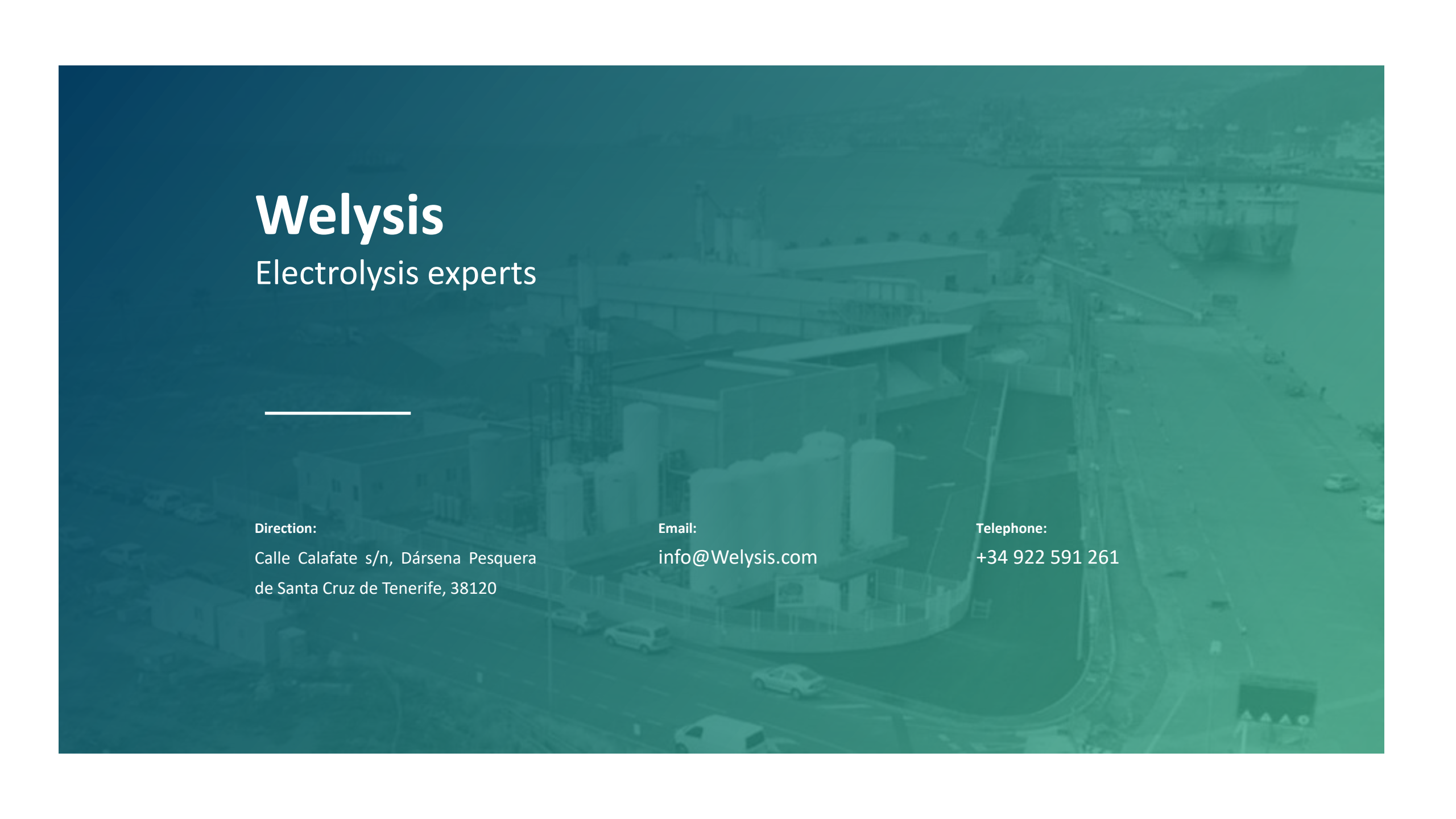
We work to achieve compliance with the **United Nations Sustainable Development Goals**



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# Welysis

## Electrolysis experts

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