## **DLEGOR®**

**«Our story is all about...»** 

**COMPANY PROFILE** 











and this makes challenges evolve into positive changes





we aim to be part of:

Do you have a special idea? Let us work to make it real.







## "WE WISH TO UNLOCK **OUR CLIENTS' CHANCE** TO BE SPECIAL"

You are free to think out of the box.

You envision your chance for uniqueness. We will work with you and find the right technical solutions to make it come true.









# Positive changes through powerful solutions.

**But what really distinguishes us?** 

Chemic (Metallurg)

We apply our metals technology expertise, R&D skills and market knowledge to help our Clients to come up with powerful solutions.

We combine and balance two complementary fields of expertise: chemistry and metallurgy.

That's why the SCIENCE OF METALS for jewelry and fashion - either in depth or on the surface - has no secrets for us.









Vicenza gold district

and then their 7 sons were carried along by Gianni's entrepreneurial flair.



## A FAMILY'S ALLY

Creation of an advanced R&D laboratory

WHEN: since 1992

WHO: Massimo, Gianni's second son

WHAT: he became the head of the family firm, supported by his passion for research

Introduction of a managerial approach with an international outlook



## GLOCALLY MULTINATIONAL STRONG LOCAL ROOTS © CITIZENS OF THE WORLD

This attitude extents itself throughout the world

Respect of our territory and its culture

Our typical attitude of working with enthusiasm







### **LEGOR IN THE WORLD**



A network of passionate collaborators learns step-by-step to share values, goals and the made-in-Italy patrimony.







### **ALL THROUGH, A COMMON INTENT**

We do our best to listen to, understand and translate what we have learnt into a positive change

## We transform to care



## **ALL THROUGH, A COMMON INTENT**



## **DRIVEN BY OUR 5 COMPANY VALUES:**

- Customers Care
- **Innovation**
- [external customers... and internal ones too]
- Teamwork
- **Expertise**
- **Individual Responsibility**











## FACTS & FIGURES





40%

Worldwide gold jewels produced with LEGOR alloys

15%

Worldwide jewels and Fashion Accessory items treated with LEGOR Plating Solutions



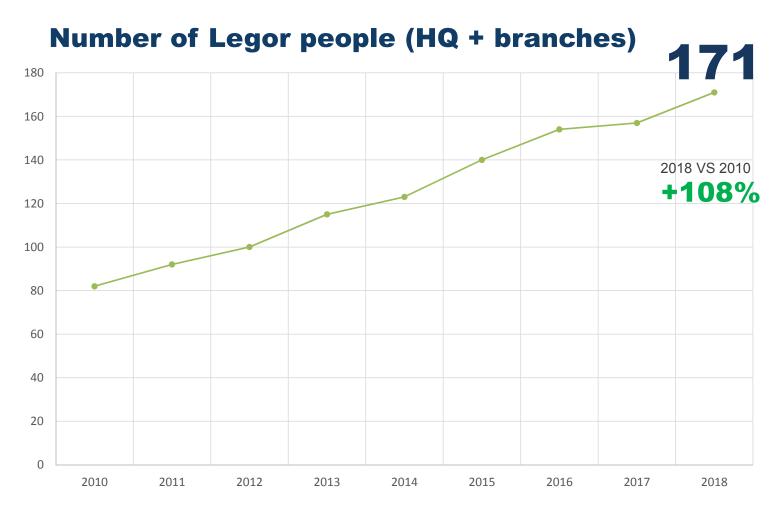








## FACTS & **FIGURES**



Source: 2010 – 2017 consolidated financial statements (officers+managers/employees+workers)







## FACTS & FIGURES

#### **Group Turnover**









Source: 2010 – 2017 consolidated financial statements

## FACTS & FIGURES

## HOW MANY NEW PRODUCTS IN 2018?

**50!** 

**PLATING 36** new products put on the market!

**MASTER ALLOY** 31 new products tested, of which 14 have become actual products.

## HOW MANY PATENTS IN THE LAST 3 YEARS?

#### **HYPERAL Line | Brazing**

- Italian granted patents for alloys with Ag between 8 and 18% and for alloys with Ag between 18 and 29%
- European patent pending (for alloys with Ag between 18 and 29%)

#### **SILNOVA-01 | Master Alloy**

- Italian patent pending
- Europe and US patents under concession

#### NI1811 Line | Master Alloy

- Italian granted patent
- European, Chinese and Indian patents under concession

**DARKOR | Plating** 

## WHITE BRONZE | Plating

with improved corrosion resistance Italian patent pending

#### NI1811-RH Line | Master Alloy

Italian granted patent







### THE LEGOR LAB

#### **WHAT'S NEW?**

#### **Gas chromatograph**

for the analysis of the organic components in cataphoretic paints

**SEM-EDX** Scanning Electron Microscopy coupled with Energy Dispersive X-ray Spectroscopy

### **Automatic** microdurometer

#### **Potentiometric titrator**

equipped with an auto-sampler allowing the automatic determination of silver in the alloys produced

#### **Automatic polishing machine**

for sample preparation for metallographic testing

**Turbula** for the mixing of powders and the execution of abrasion tests

**TG-STA** to be able to work in vacuum or inert atmosphere and to reach 1600 ° C against the previous 1300 ° C

**Powder analyzer** for the determination of the apparent density and of the TAP density

#### **Microwave mineraliser**

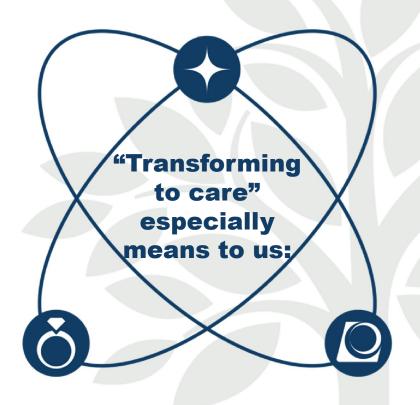
for the dissolution of noble samples

#### Hot embedding machine

for the preparation of conductive samples for observation with the SEM-EDX



## **CERTIFICATIONS**





Ethics

Quality

Respect for the environment
Health & safety in the work
environment
Traceability of precious













### **SPECIALIZATION FIELDS**

Alloys
and galvanic
solutions
designed for
goldsmiths,
silversmiths
and fashion
companies
for the production
and finishing of
their products.



#### **MASTER ALLOYS**

**R&D** and production of:

- Alloy for Gold, Silver, Platinum, Palladium
- Soldering and brazing (drop, powder, paste, liquid and semi-finished products in wire)
- Metal powders for Powder Laser Melting technology
- Raw materials and semi-finished products

#### **PLATING SOLUTIONS**

**R&D** and production of:

products and processes for surface coating of jewelry and fashion objects, for both protection (anti-tarnish, non-scratch and thickness) and decoration.



### **TOOLS & CONSUMABLES**

In addition to LEGOR GROUP core business lines, the commercialization of a quality selection of brands of machinery, tools and consumables for various sectors: gold, silver, fashion, hobby and eyewear.

