INSIDE

ipea®

Corporate Identity

OUR COMPANY

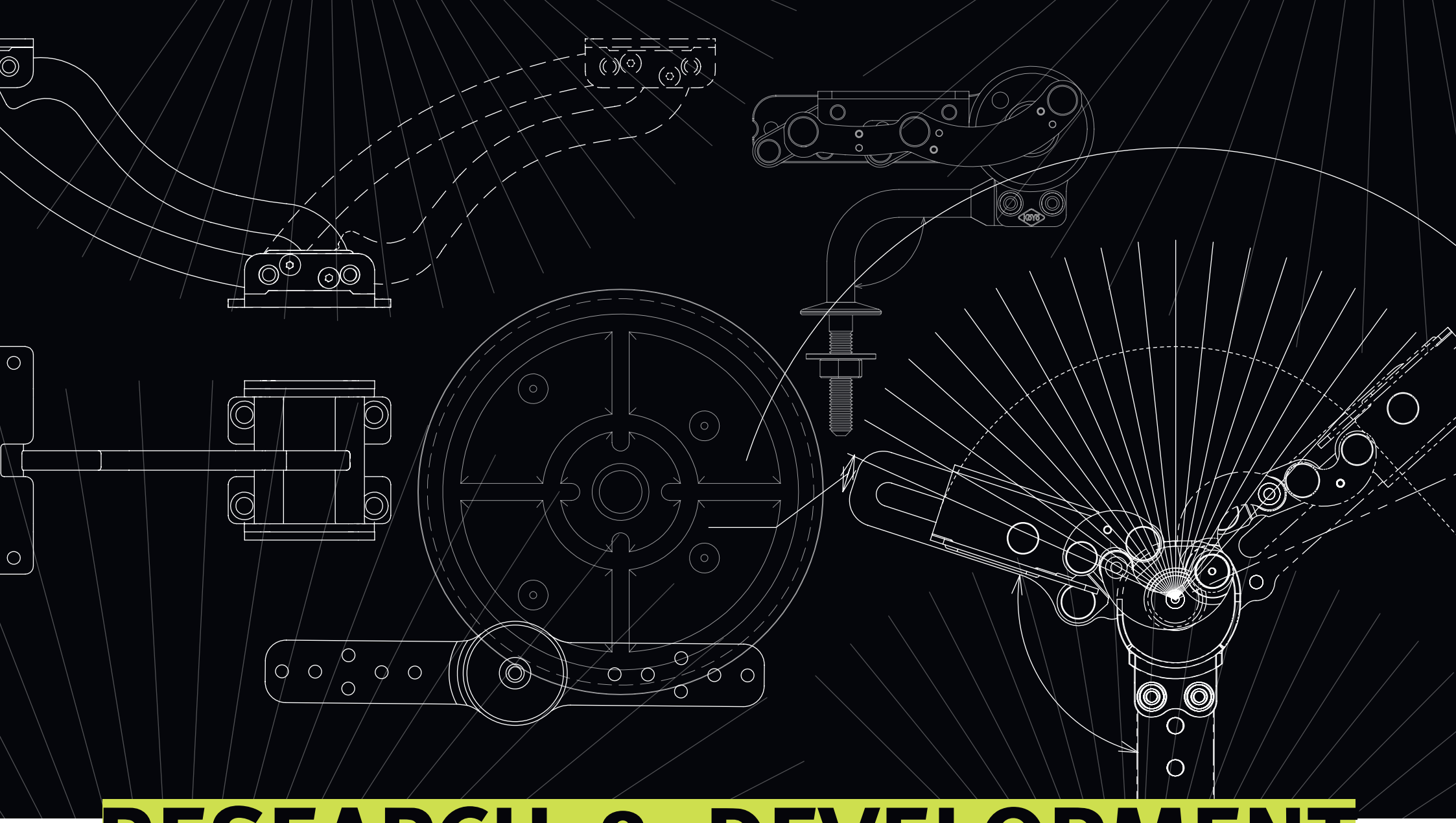
Ipea's mission is to be closer to the customer in order to offer the best service possible.

Ipea is an important reality on the European market in the **production and supply of materials and components for the upholstery and furniture industry.**

Ipea produces and distributes more then 15.000 items for the upholstery and furniture industry: legs, bases, mechanisms, machineries and accessories for sofas.
Many of these items are ready for delivery or available in a short time frame thanks to our effective production capabilities.
Ipea's mission is to be closer to the customer in order to offer the best service possible.

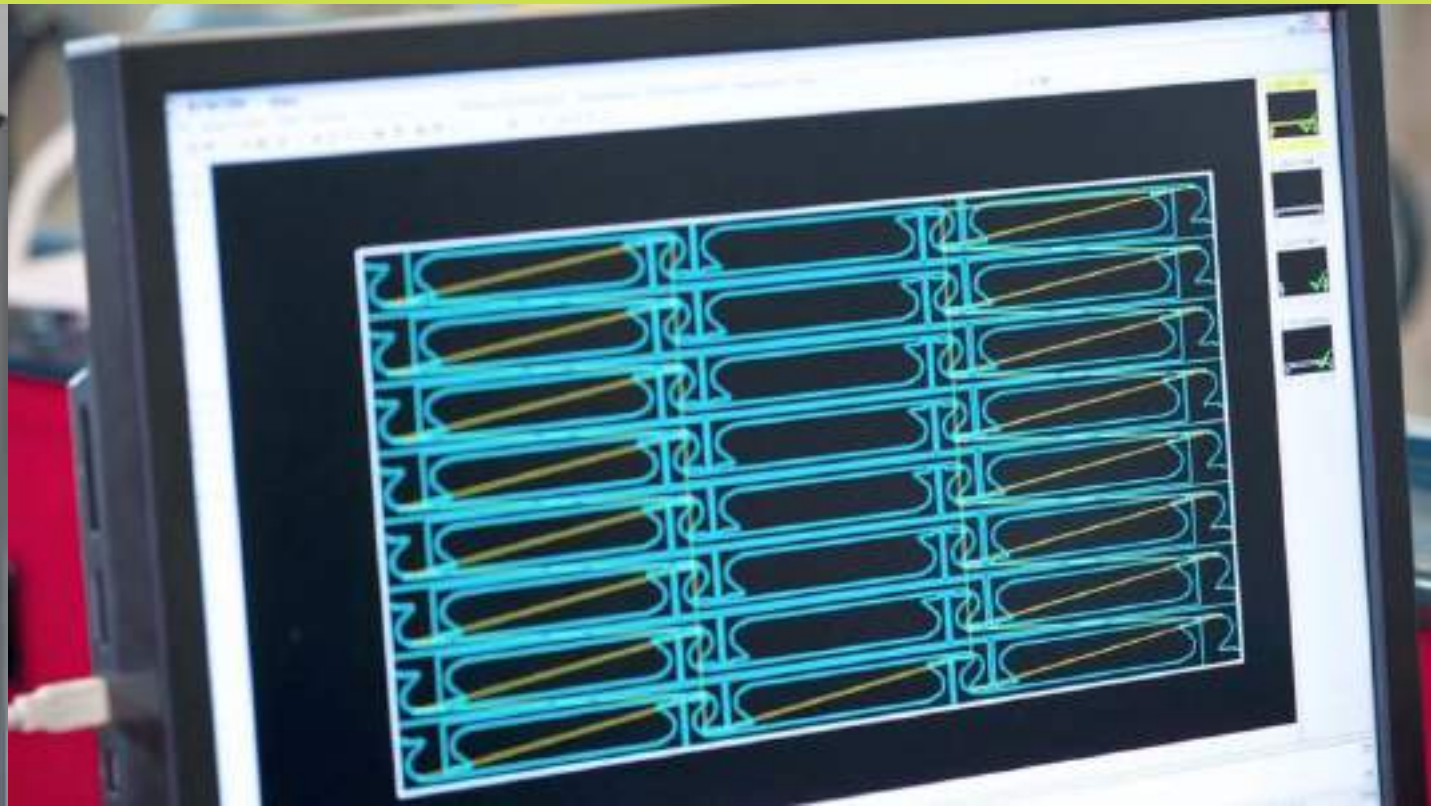
With 4 warehouses in Italy located in Meda (MB), Cassano delle Murge (BA), Cadoneghe (PD) and Forlì (FC), 4 consociates abroad, 30 sales agents around the world and thanks to its skilled workforce, Ipea is able to **assist its own customers before, during and after the order has been placed.**

The high quality of the materials and working processes, together with the experience and the qualification of our working staff are the distinctive factors at the foundation of Ipea's business.



RESEARCH & DEVELOPMENT

The R&D office is at the foundation of Ipea and has seen rapid advancements over the past decade that has led to us becoming **one of the most innovative companies on the international stage.**



It's composed of a **professional team** who interact with customers in order to fulfil their needs through focused proposals and providing new technical solutions.
Ipea can provide the reference for every technical matter, analysis and synthesis in the definition of new products.
It is integral part of Ipea's service to the customer.
Multidisciplinary specializations in mechanical processing, aluminium fusions, polishing and galvanic procedures, plastic materials, electrica components, working processes of glass and other materials.

ACTIVITIES AND SERVICES

- Project definition
- Planning of intervention actions
- Development of all the phases of the project through various programs such as three-dimensional CAD
- Executive drawing for the production process with description of the complete procedure
- Production of the product's prototype
- Advice and guidance during the realization phase
- Study and realization of eco-friendly packaging
- Quality control and certifications

KNOW HOW

High technological and quality standards of equipment and machinery for **high-level production processes**

ALUMINIUM DIECASTING

Diecasting process is highly automated and it's indicated for high quantity productions of aluminum parts.
The melted metal is injected through high pressure hydraulic presses into a metal mold.
The mold is made from two half parts (semi-molds) to allow the extraction of the cast piece, once solidified. Thanks to the high technological and quality standards of equipment and machinery, the pieces produced by die-casting ensure very precise dimensional tolerances and excellent surface finishes.

ALUMINIUM SHELL CASTING

The gravity-cast aluminum casting is the ideal solution to produce medium quantities lots.

This aluminum melting process consists in using steel molds made from two half parts that form the “shell mold”. The aluminum, previously arrived to the liquid state (680°C) is poured into the molds from which, after the necessary cooling time, the semi-finished products are extracted. Shell casting guarantees a good surface finish, a good dimensional accuracy and excellent mechanical characteristics.

ALUMINIUM SAND CASTING

Sand casting or ground casting is one of the most traditional casting processes that is still used for the production of the pre-series or small series of a metal products

It consists in casting the melted metal inside a mold composed of a special sand (foundry sand), which will be dismantled at the end of the process to be able to extract the piece. This process, which is versatile and extremely basic, allows a finishing product conform at the design that usually need to evaluate the piece for the eventual die casting series.

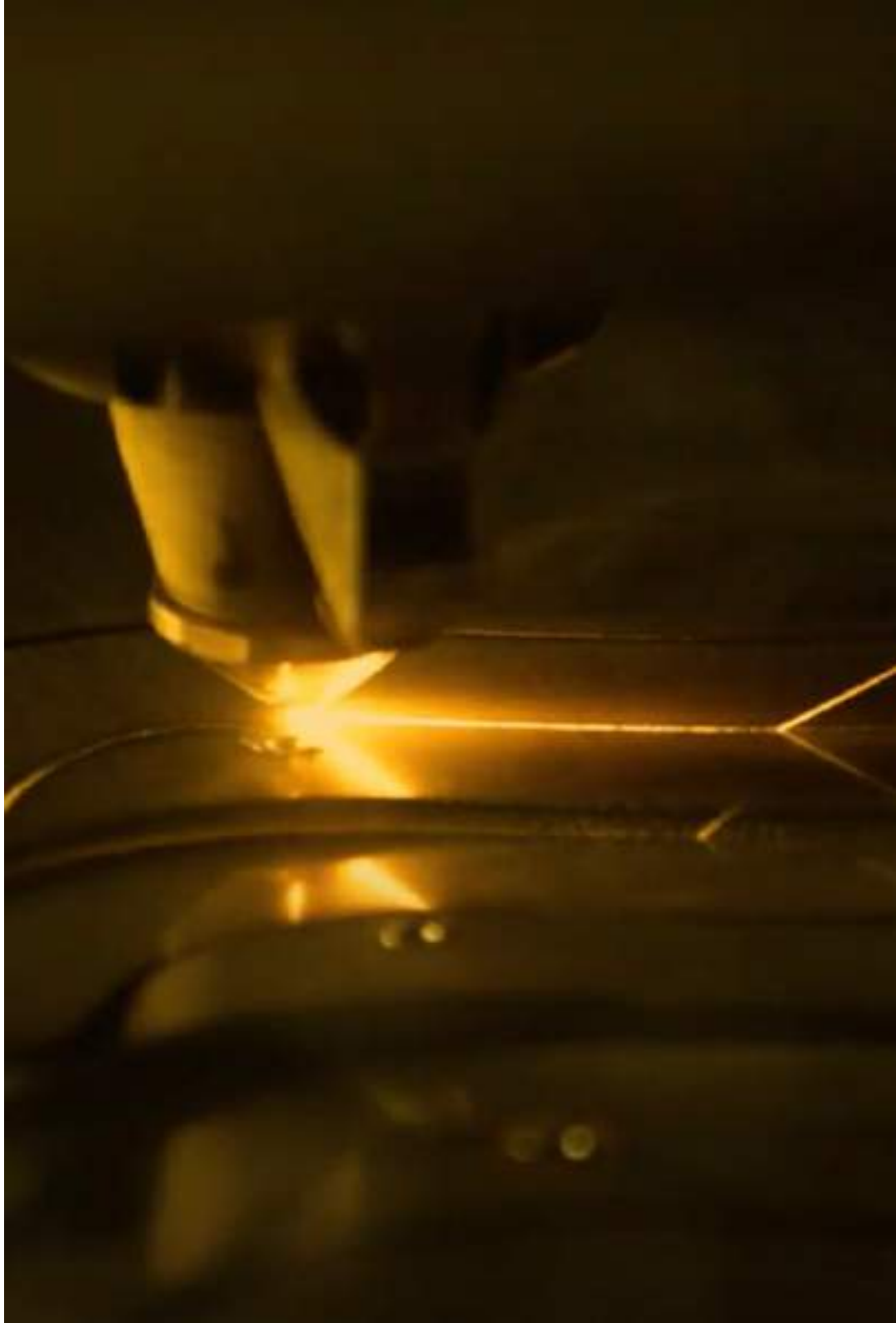
POLISHING

Before the polishing the aluminum cast article generally requires a cutting operation of the exceeding material.

After this first activity, the piece is placed on the automatic robot for the brushing steps with abrasive papers and polishing pastes. The number of the steps depends on the type of finishing you want to obtain: from matt to mirror polished. The automatic robots handle with extreme precision pieces of few kilos as well as pieces over 130 kilos.

LASER CUTTING

Laser technology provides high accuracy, speed and versatility. In laser cutting the beam of electromagnetic radiation coming from the source is focused on the surface of the sheet to be cut which heats up and quickly reaches melting.
At the same time a flow of gas removes the molten material generating the cutting groove.
The processing proceeds moving the laser beam and the sheet metal along the programmed cutting path.
2D laser cutting is used to obtain shaped sheets of flat sheet.



GALVANICA

The galvanic process involves the immersion of the metal piece to be treated in a series of baths. First the piece is degreased and cleaned perfectly. Subsequently, two electrodes are immersed in the tank that constitutes the galvanic bath, containing an aqueous solution from the sale of the metal to be deposited, to which one of potential electrical difference is applied. The main bath is that of the nickel electrolytic solution. Here, a layer of nickel is deposited on the piece, which evens out the metal surface as much as possible and protects it from corrosion.
After a further washing, the electrolytic solution of chromium or other metals is immersed in the tank, which give the typical aesthetic appearance of the metal itself (chromium, black chromium, ruthenium, gold, copper ..).

COATING

POWDER COATING

Powder coating is a process of painting metal surfaces with an organic film. It's made for a practical and resistant decoration and against corrosion and aggressive agents. The pieces being processed are covered with a powder coating based on synthetic resins adhered by electrostatic effect. Then they pass into an oven at 140°-180°C where the paint first melts and then polymerizes forming an adherent film.

LIQUID PAINTING

Liquid painting is a coating treatment that creates a protective barrier between the surface and the atmosphere, and which give a finishing characterized by unique effects.
Liquid painting can be used for special surfaces, metallic or non-metallic and allows to obtain a high quality design. The oven temperature of 60°-80°C degrees guarantees the complete drying of the film.

PLASTIC INJECTION

Injection molding is an industrial production process in which a plastic material is melted and injected through a high-pressure press into a closed mold, which is opened after the solidification of the product.

This technology is particularly suitable for high production volumes. The thicknesses and finishes that the product must have are established during the mold design phase.


OUR STORY

Armando Veggetti together with his wife Adriana establishes Ipea in 1972 with the aim of producing a range of items for the sofas and upholstered furniture.

For Armando Veggetti, who was already since 1961 owner of the irpa, intuition proved successful.

Since then, thanks to the definitive take off of the Italian furniture industry, Ipea experienced steady growth, consolidated by the entrance of the second **Veggetti' s generation in the 80's**.

Within a few years, Marco and Alberto contributed to a decisive development of **Ipea's growth and influence on the European market**, often by anticipating and acting on shifting market trends.
Today Ipea presents itself as a reliable, innovative business that can provide customers with the utmost professionalism and care in every phase of the work process.

For the future, in view of a new generation shift,

Ipea aims to grow further

improving the quality of its services, communication, competitiveness and efficiency for our customers.

OUR GROUP

Ipea s.r.l

verde s.r.l.

Ipea españa s.a.

s.c. Ipea romania s.r.l.

Ipea polska s.p.zo.o

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