



 www.piovangroup.com

A black and white photograph of two industrial workers in protective gear welding a large, curved metal structure. Sparks are visible from the welding process. The background shows an industrial setting with other structures.

PIOVAN GROUP

The Piovan Group is the worldwide leader in the field of auxiliary technologies for the diverse polymer transformation processes

WE ARE

The companies of the Piovan Group

Piovan

Piovan Group

Una-Dyn

Piovan Group

Fdm

Piovan Group

Aquatech

Piovan Group

Penta

Piovan Group

Progema

Piovan Group

Energys

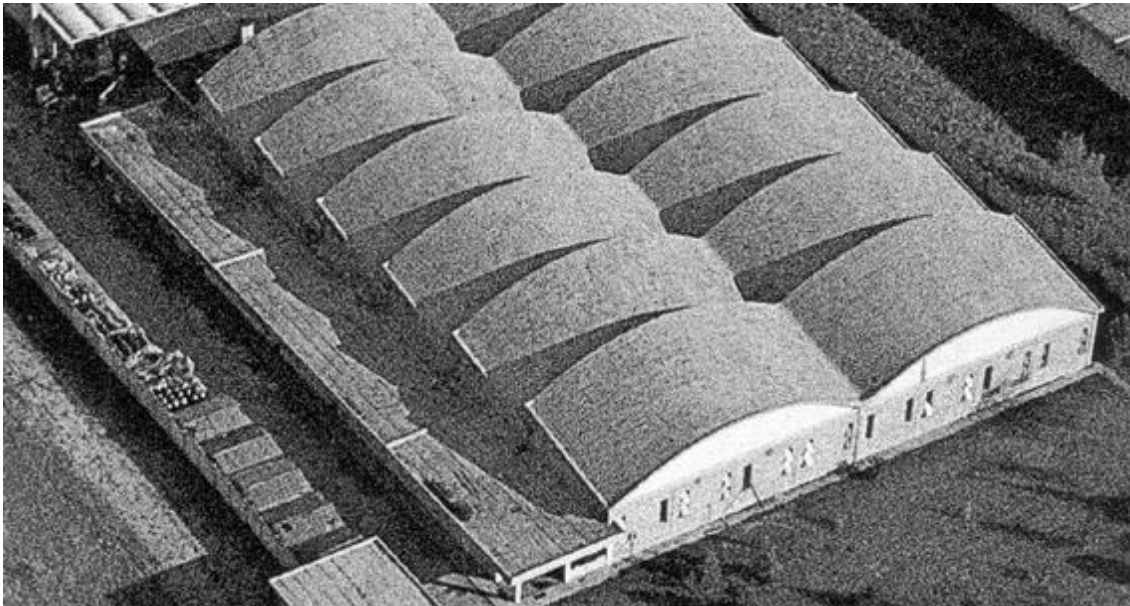
Piovan Group

HISTORY OF INNOVATION

Family tradition, commitment to innovation and focus on customer needs are the fundamentals of our history.



- 1934** Costante Piovan founds the company in Padova.
- 1960** Luigi Piovan joins his father and establishes commercial relations with companies in Germany and USA.
- 1964** Piovan is one of the first companies in Europe to produce auxiliary machines for the plastics processing industry.
- 1969** The production site is moved from Padova to Santa Maria di Sala, Venice, in a 1,300 sqm building.
- 1972** The manufacturing of the whole range of ancillary machines runs at full: material receivers, hoppers, dryers, crystallisers, blenders, granulators, chillers and temperature control units.
- 1974** Piovan opens Piovan Germany, its first subsidiary abroad.



- 1982** Piovan sets up a new division to follow the specific needs of the PET perform market.
- 1986** Piovan France opens.
- 1989** Inauguration of the new building in Santa Maria di Sala (Venice) which covers an area of 10,000 sqm, further expanded to 28,000 sqm.
- 1993** Piovan Canada opening in Mississauga, near Toronto.
Piovan do Brasil starts its business in the city of São Paulo.
- 1995** Quality Management System ISO 9001 certification.
- 1996** Piovan acquires 100% of the software house CSA and starts developing supervision systems for equipment and production management.



- 1997** Establishment of Piovan Asia, in Singapore.
- 2000** Nicola Piovan takes over the operational management of the company.
Building of the manufacturing plant in Brazil, Osasco, covering a 6,000 sqm area.
Establishment of Piovan Hong Kong.
- 2004** Opening of Piovan Mexico.
- 2005** Establishment of Piovan China and of its production site in Zhuhai, near Hong Kong.
Piovan UK opens in Bromsgrove, near Birmingham.
Piovan Central Europe opens in Brunn am Gebirge, near Vienna, Austria.
Following, Piovan Hungary and Piovan Czech Republic are established.



- 2006** Start of companywide Lean production program – Kaizen.
Piovan India opening.
- 2007** Piovan Turkey opening.
- 2007** Development of Winfactory, the first industrial supervisory software based on standard licenses.
- 2008** Piovan acquires Universal Dynamics (Una-Dyn), of Woodbridge, near Washington DC.
- 2009** Piovan China moves to Suzhou, near Shanghai, in a 3,500 sqm facility. Launch of Genesys and Ecosmart, the highest energy efficient line of dryers and chillers featuring auto-adaptability.
- 2010** Piovan acquires the majority share of FDM, a German company specializing in dosing technologies for the plastics extrusion industry.



- 2010** Piovan Asia Pacific sets up in Bangkok.
Launch of Modula, the first ever auto adaptive, multiple hopper, central drying system.
- 2011** Launch of Digitemp, the high efficiency thermorefrigerators employing digital Scroll technology.
- 2012** Energys, an Energy Service Company (ESCo) is founded.
Modula is chosen by BMW for the production of the i3 and i8 models in the new Lipzig factory.
- 2013** Reorganization of the company structure into Industry Sectors.
Launch of Quantum, the auto adaptive gravimetric batch blender for the plastics industry.
First energy utilization and management software.
Launch of Pureflo filterless receivers.



- 2013** Obtainment of the very prestigious patent for “High energy efficient drying systems for plastic materials”.
- 2014** Aquatech, a new company for industrial cooling systems, starts its operations.
Acquisition of Penta, a company operating in plastics and food processing.
- 2015** Piovan Maghreb is established in Algeria.
- 2016** New branches opening: Piovan Japan in Kobe and Piovan Gulf in Dubai, UAE.
- 2017** Piovan Vietnam sets up in Ho Chi Minh.
Progema, which designs and produces industrial processes automation and control systems, joins the group.
- 2018** In October, Piovan enters the Italian Stock Exchange.



THREE GENERATIONS ONE FAMILY

The strong family heritage and its distinctive approach make the Piovan Group an organization devoted to continuous growth and development.



**Continuous growth and
development**



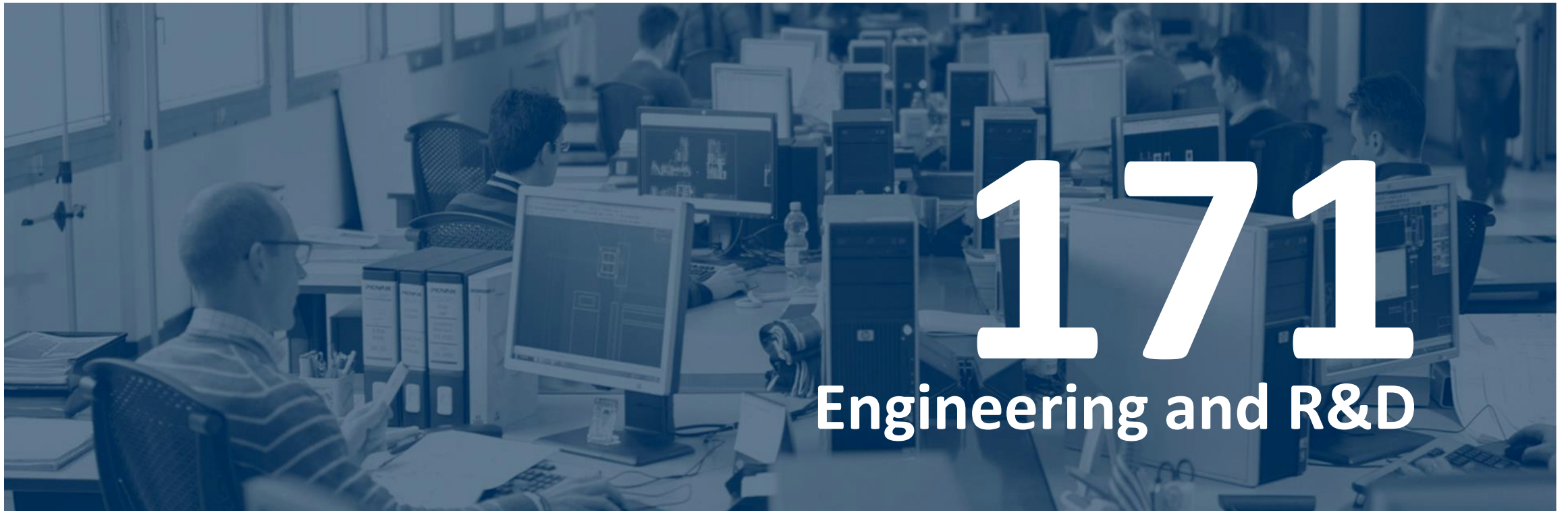
PIOVAN GROUP

Our figures

ENGINEERING AND R&D

Our strength is team spirit, technology is our tool.

171 specialists employed in Engineering and R&D Department committed to delivering innovation, the engine of our evolution worldwide.



EFFICIENCY IS SUSTAINABILITY

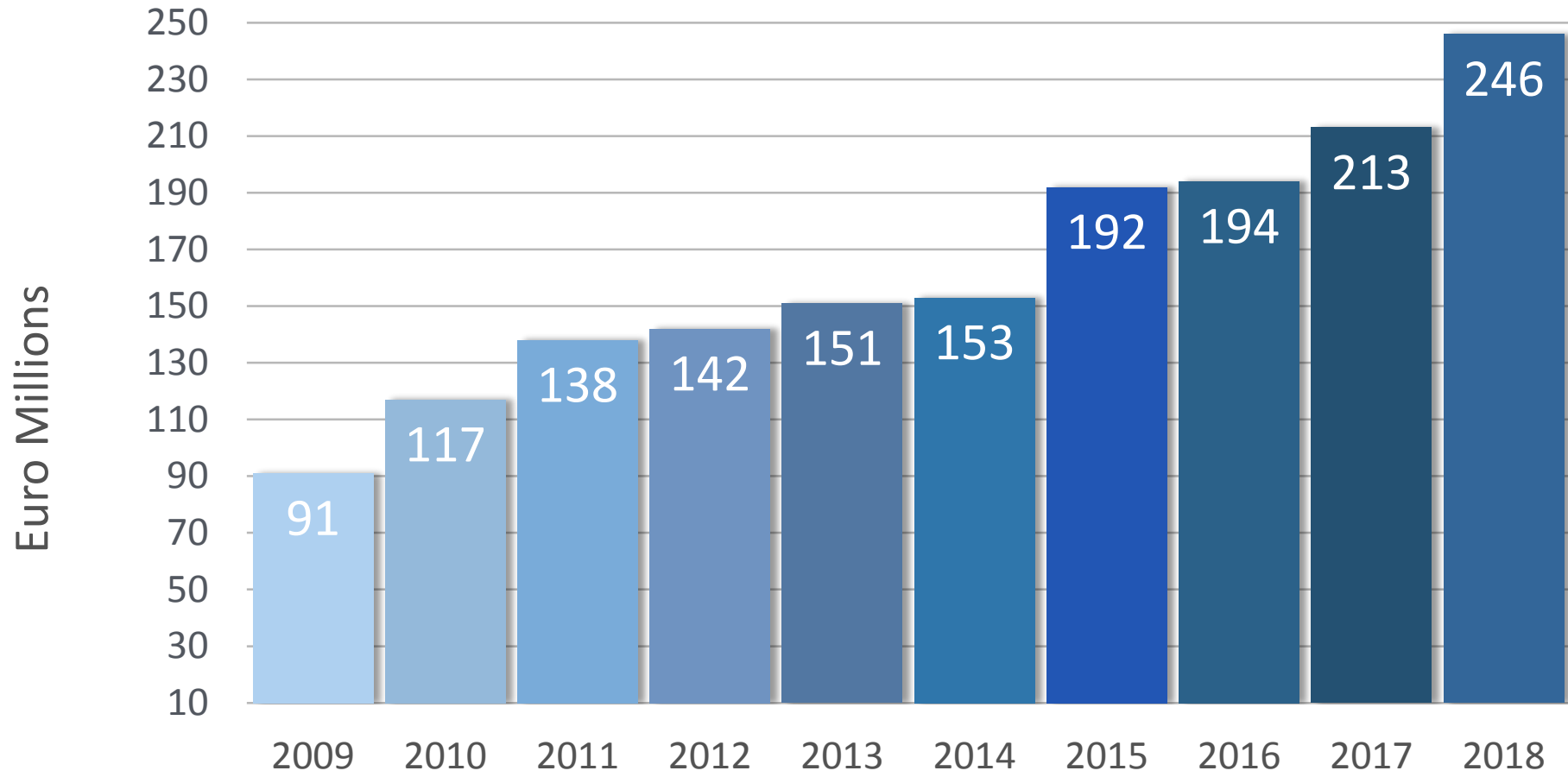
Piovan has always given strong priority to the design of high efficiency technologies, aiming to reduce the environmental impact of its machines. We contribute to reducing the global carbon footprint **with an average of 300,000 tons per year of CO₂ emissions reduction and more than 600,000,000 kWh per year.**



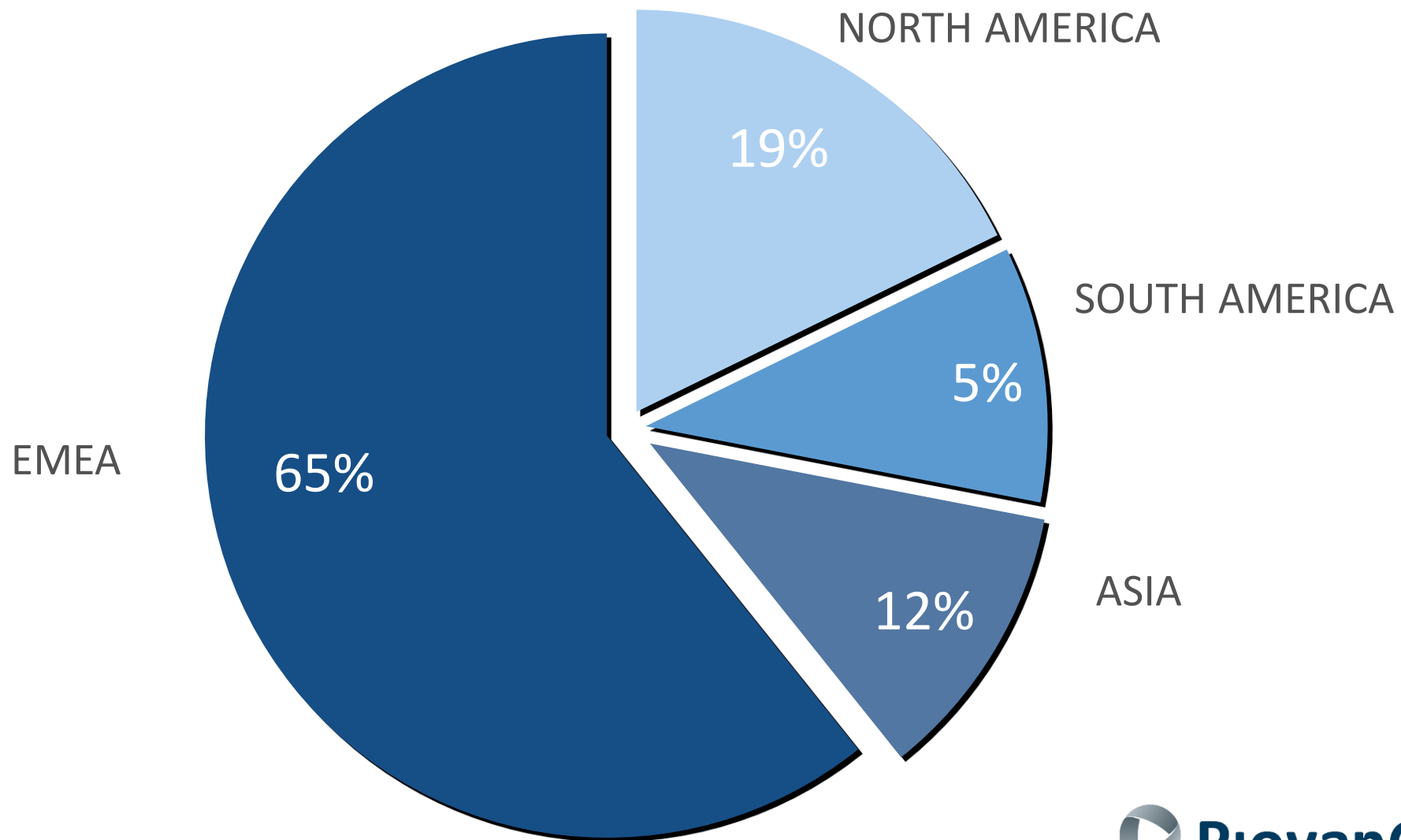
Reduction of CO₂ emissions

600,000,000 kWh/year

SALES

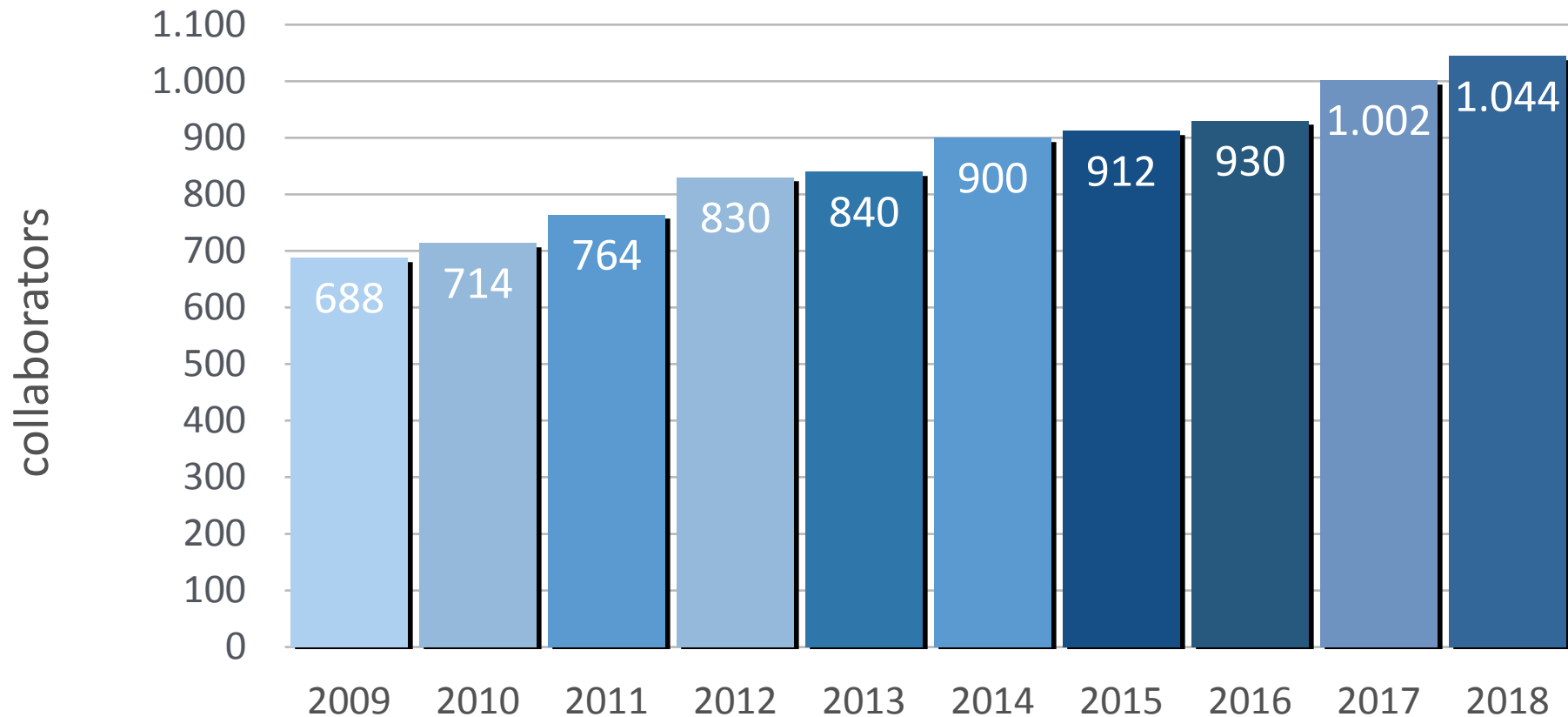


SALES PER REGION



CLOSE TO OUR CUSTOMERS

Our investment in human resources, to be closer and closer to our customers.





PIOVAN GROUP

Our global presence

WORLDWIDE BY NUMBERS



5

Regions



7

Manufacturing
Facilities



29

Service and Sales
Branches/Offices

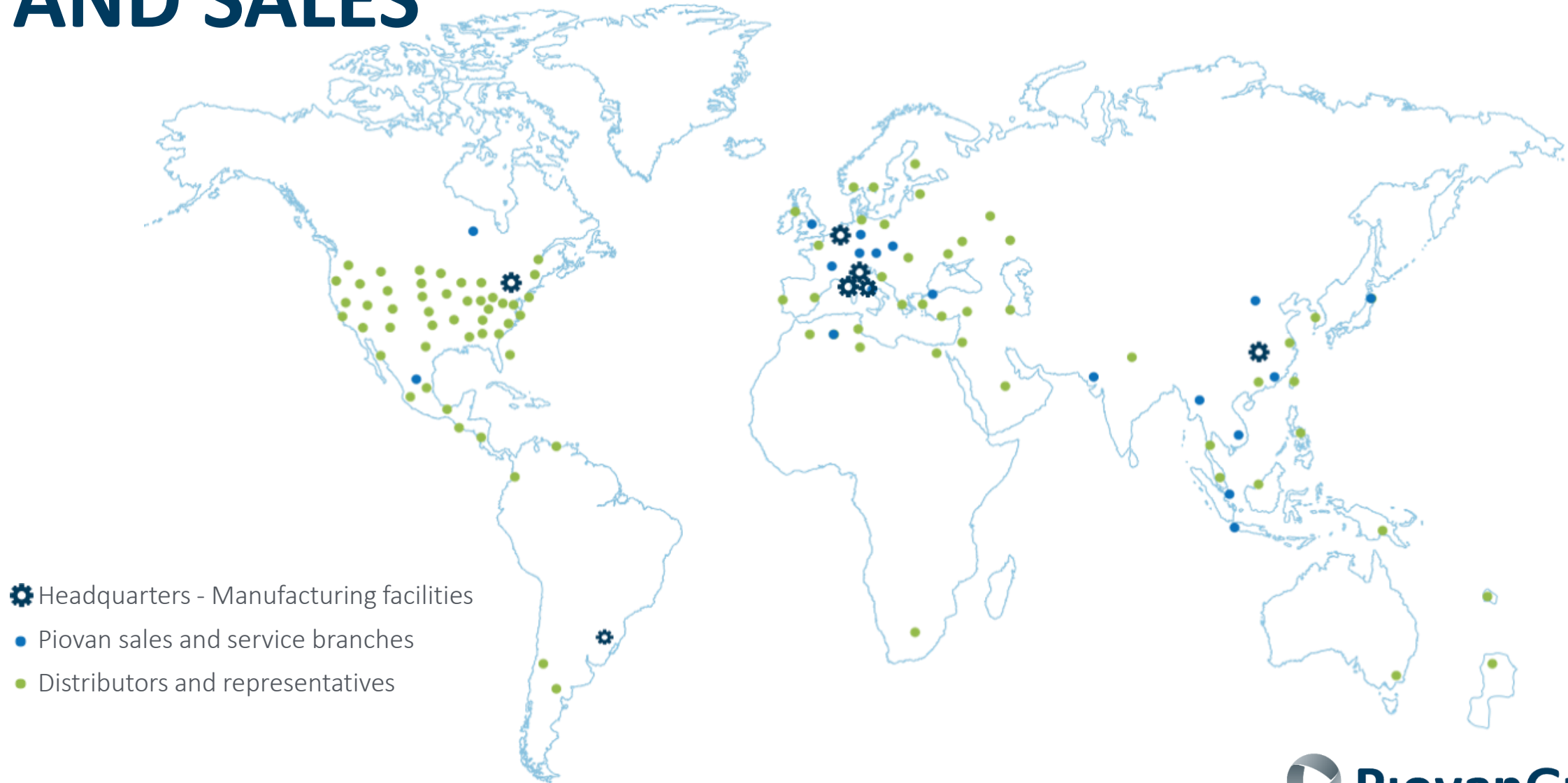


More than **70**
countries covered
worldwide

GLOBAL MANUFACTURING



GLOBAL SERVICE AND SALES



- ⚙️ Headquarters - Manufacturing facilities
- Piovan sales and service branches
- Distributors and representatives

PIOVAN WORLDWIDE ORGANIZATION

Manufacturing facilities and service & sales branches

EMEA

Piovan Headquarters, Santa Maria di Sala (Venice), Italy

Piovan Germany, Garching, Germany

Piovan France, Brion, France

Piovan Austria, Brunn am Gebirge, Vienna, Austria

Piovan Hungary, Budapest, Hungary

Piovan Czech Republic, Prague, Czech Republic

Piovan UK, Bromsgrove, Worcs, United Kingdom

Piovan Slovakia, Bratislava, Slovakia

Piovan Turkey, Istanbul, Turkey

Piovan Algeria, Algiers, Algeria

Piovan UAE, Dubai, UAE

Piovan Morocco, Kenitra, Morocco

FDM, Troisdorf, Germany

Aquatech, Santa Maria di Sala (Venice), Italy

Penta - Progamma, Poggio Renatico (Ferrara), Italy

Energys, Santa Maria di Sala (Venice), Italy

NORTH AMERICA

Universal Dynamics Inc., Fredericksburg, VA, U.S.A.

Piovan Canada, Mississauga, Canada

Piovan Mexico, Queretaro, Mexico

SOUTH AMERICA

Piovan Brasil, Osasco, Brazil

ASIA

Piovan China, Suzhou, China

Piovan Beijing (Rep.Office), Beijing, China

Piovan Shenzhen (Rep.Office), Shenzhen, China

Piovan India, Navi Mumbai, India

Piovan Thailand, Bangkok, Thailand

Piovan Indonesia, Jakarta, Indonesia



























































Piovan Vietnam, Ho Chi Minh City, Vietnam

Piovan Japan, Kobe, Japan

Piovan Malaysia, Kuala Lumpur, Malaysia

OUR PARTNERS WORLDWIDE

Our distributors network ensures constant closeness and support to all customer.

EUROPE, RUSSIA, CENTRAL ASIA				ASIA, FAR & MIDDLE EAST		SOUTH AMERICA	AFRICA	OCEANIA
 BELARUS	 LATVIA	 PORTUGAL	 AZERBAIJAN	 PAKISTAN	 IRAQ	 ARGENTINA	 TUNISIA	 AUSTRALIA
 BELGIUM	 LITHUANIA	 ROMANIA	 GEORGIA	 MALAYSIA	 IRAN	 CHILE	 NIGERIA	 NEW ZEALAND
 BOSNIA/HERZEG	 LUXEMBOURG	 SERBIA	 KAZAKISTAN	 SINGAPORE	 ISRAEL	 COLOMBIA	 SOUTH AFRICA	 FIJI ISLAND
 BULGARIA	 MACEDONIA	 SLOVENIA	 KYRGYZSTAN	 PHILIPPINES	 SAUDI ARABIA	 VENEZUELA		 PAPUA NEW G.
 CROATIA	 MOLDOVA	 SPAIN	 TURKMENISTAN	 KOREA	 EGYPT	 PERU		
 DENMARK	 MONTENEGRO	 SWEDEN	 TAJIKISTAN	 TAIWAN				
 ESTONIA	 NETHERLAND	 UKRAINE	 UZBEKISTAN					
 FINLAND	 NORWAY	 RUSSIA						
 GREECE	 POLAND	 ARMENIA						
 IRELAND								

GLOBAL PRODUCTION: OUR VALUES

promptness

reliability

quality

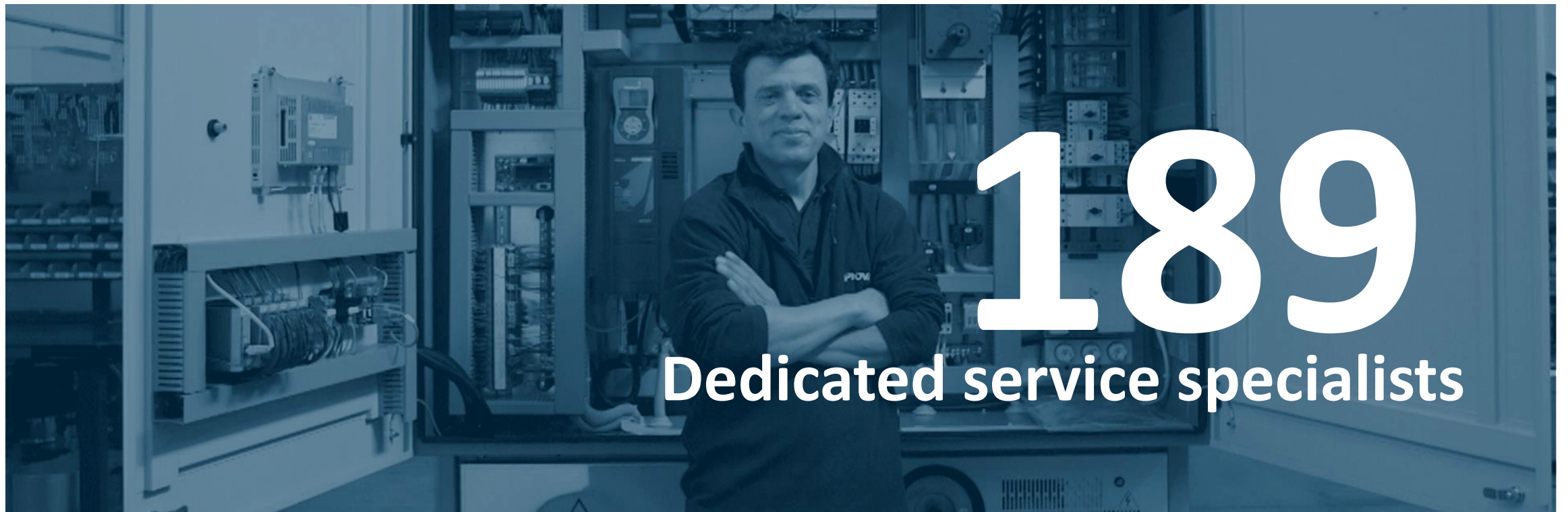
safety



PIOVAN GROUP Our Services

CUSTOMER DEVOTED KNOWLEDGE

The Piovan team is at the customer's side from the initial planning stage through to installation and start up of the system and ensures continuous follow-up for optimal equipment functioning.



CDK

Our Service Package



Help desk



Maintenance Contracts



Training



Equipment Overhauling



Spare Parts



Engineering



Installations



Energy Audits

A black and white photograph of two men shaking hands in a factory or industrial setting. The man on the left is wearing a dark suit and tie, while the man on the right is wearing a dark polo shirt with 'PIOVAN' on it, glasses, and a lanyard with an ID badge. They are standing in front of large industrial cabinets. The text 'WE WORK TOGETHER' is overlaid on the image in a large, bold, blue font.

WE WORK TOGETHER

ongoing relationships with customers, OEMs, raw material producers and suppliers

dialogue and cooperation with research institutes and specialized laboratories

transparency respect and cooperation with our partners



INDUSTRY EXPERTISE

Focus on our customers needs

INDUSTRY EXPERTISE

Our unique knowledge of plastics processing in the many industrial sectors.
For more than 50 years.



**PET Preforms &
Bottles**



Rigid Packaging



**Automotive
components**



Technical parts



Medical solutions



**Thermoforming &
Technical Sheets**



Flexible Film



**Pipes, Profiles,
Cables**



Fibres & Strapping



**Recycling &
Compounds**



**Food &
Beverage**



Industrial



OUR RANGE OF PRODUCTS & SOLUTIONS

MATERIAL HANDLING SYSTEMS

From outdoor silos to centralized feeding systems:
we design and produce **integrated** and flexible solutions for all kinds of
plastics



dust free environment



completely **automatic**
conveying operations



easy assembling



dedicated **Easy3**
or **PLC** control

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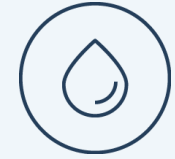
easy assembling



dedicated **Easy3**
or **PLC control**

DRYING OPERATIONS

We develop drying and dehumidifying systems which assure the best energetic performance of any process, being based on the latest technological innovations.



dehumidified air with
Dew Point < -50° C



consistent quality process air,
with **0.1° C** precision



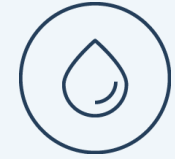
optimisation of
energy requirement



treatment of large
quantities of **PCR flakes**

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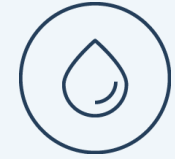
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optimisation of
energy requirement



treatment of large
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MOULD DRYING

Mould drying systems to avoid condensantion and to guarantee proper operation with any weather condition all year round.



increase in the number of
moulding cycles



reduction of imperfect and
discarded pieces



maximum **energy efficiency**,
with average consumption
<0.0075 kWh per m³/h

MATERIAL DOSING

Efficient solutions to ensure high dosing **precision** and **repeatability** of the process at every production cycle.



homogenous blend
and optimised regrind
management



adjustment of values
to the set percentages



simple **memorization of**
various settings for
automatic operations

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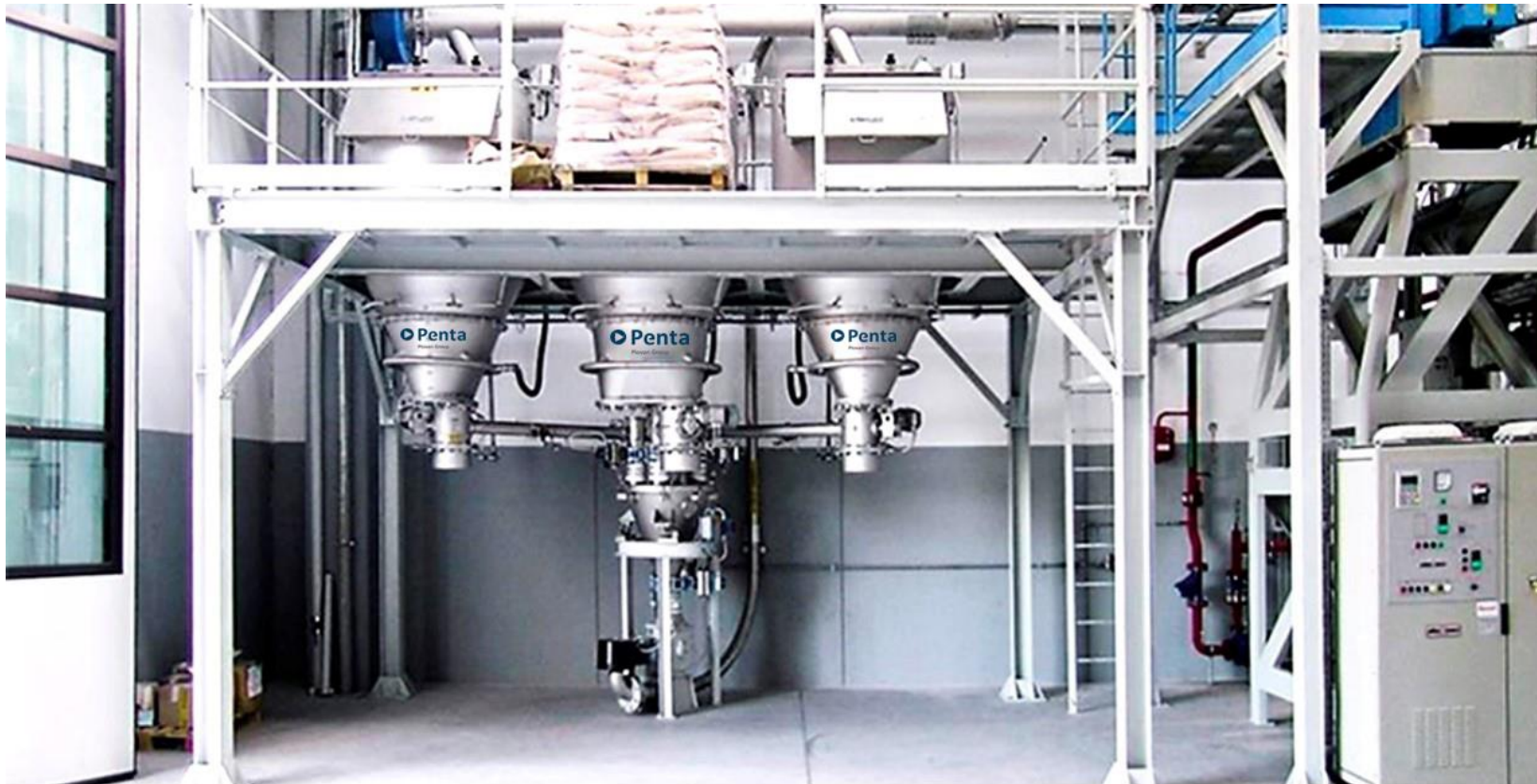
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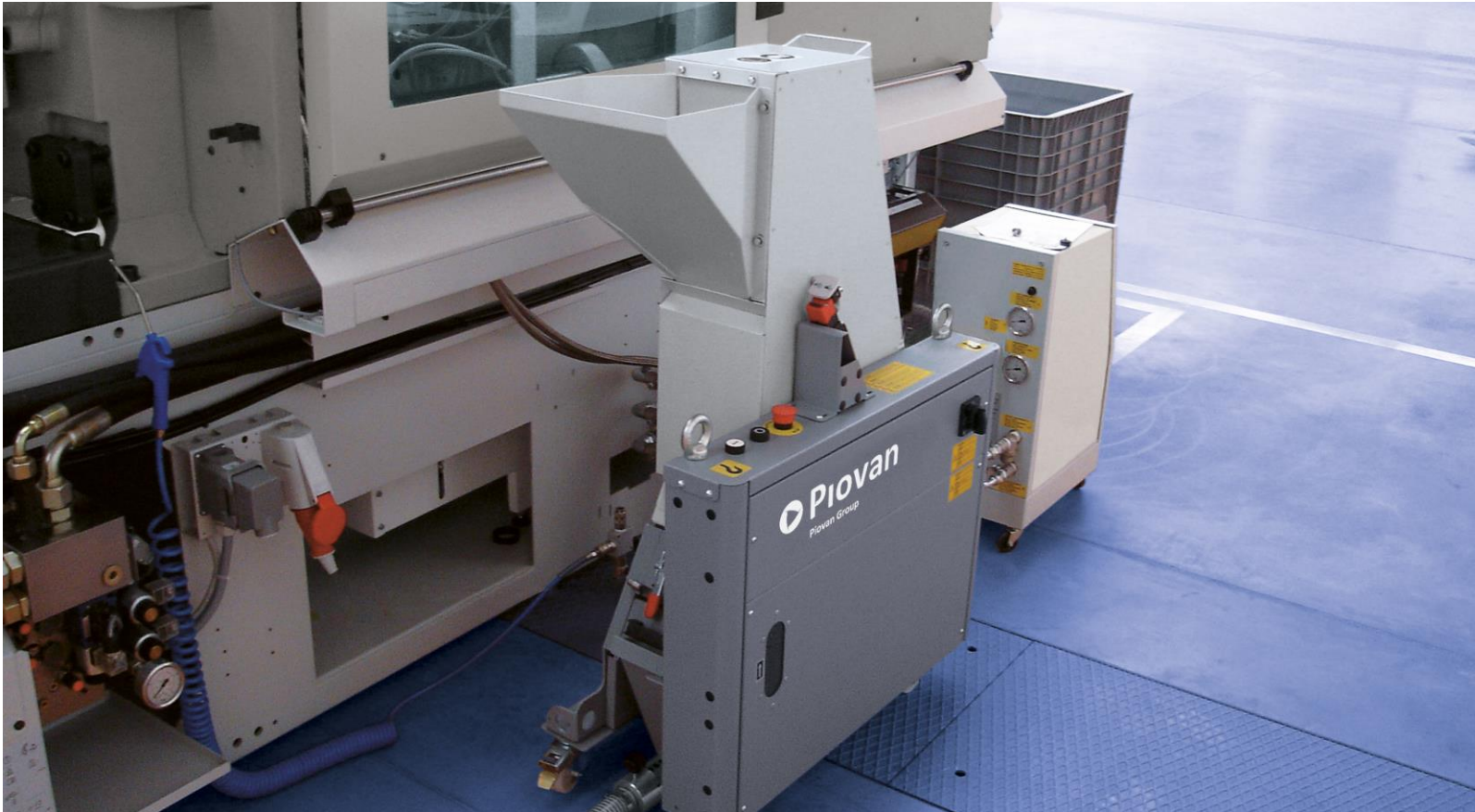
adjustment of values
to the set percentages



simple **memorization of**
various settings for
automatic operations

IMMEDIATE RECOVERY

Systems for immediate recycling of materials and discarded pieces which keep unchanged the qualitative characteristics of raw materials, eliminating any possible contamination or moisture absorption.



dust-free regrind



reduced noise level and
energy consumption



operator **safety** devices

SIZE REDUCTION SOLUTIONS

Systems for immediate recycling of materials and discarded pieces which keep unchanged the qualitative characteristics of raw materials, eliminating any possible contamination or moisture absorption.



dust-free regrind



reduced noise level and
energy consumption



operator **safety** devices

TEMPERATURE CONTROL

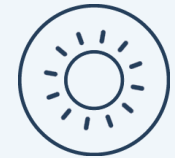
Accurate temperature control units for a large range of applications.



precise fluid temperature
control with no fluctuation



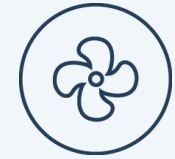
production of high quality
parts



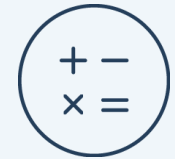
minimised quantity
of heating power

REFRIGERATION PROCESS

Individual units and centralised systems for a constant refrigeration process in any location.



indoor and outdoor
installation



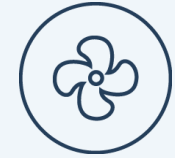
automatic self-adjustment
according to the real thermal
load



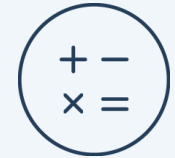
seasonal air
heat recovering

REFRIGERATION PROCESS

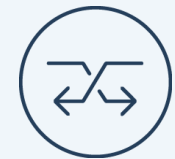
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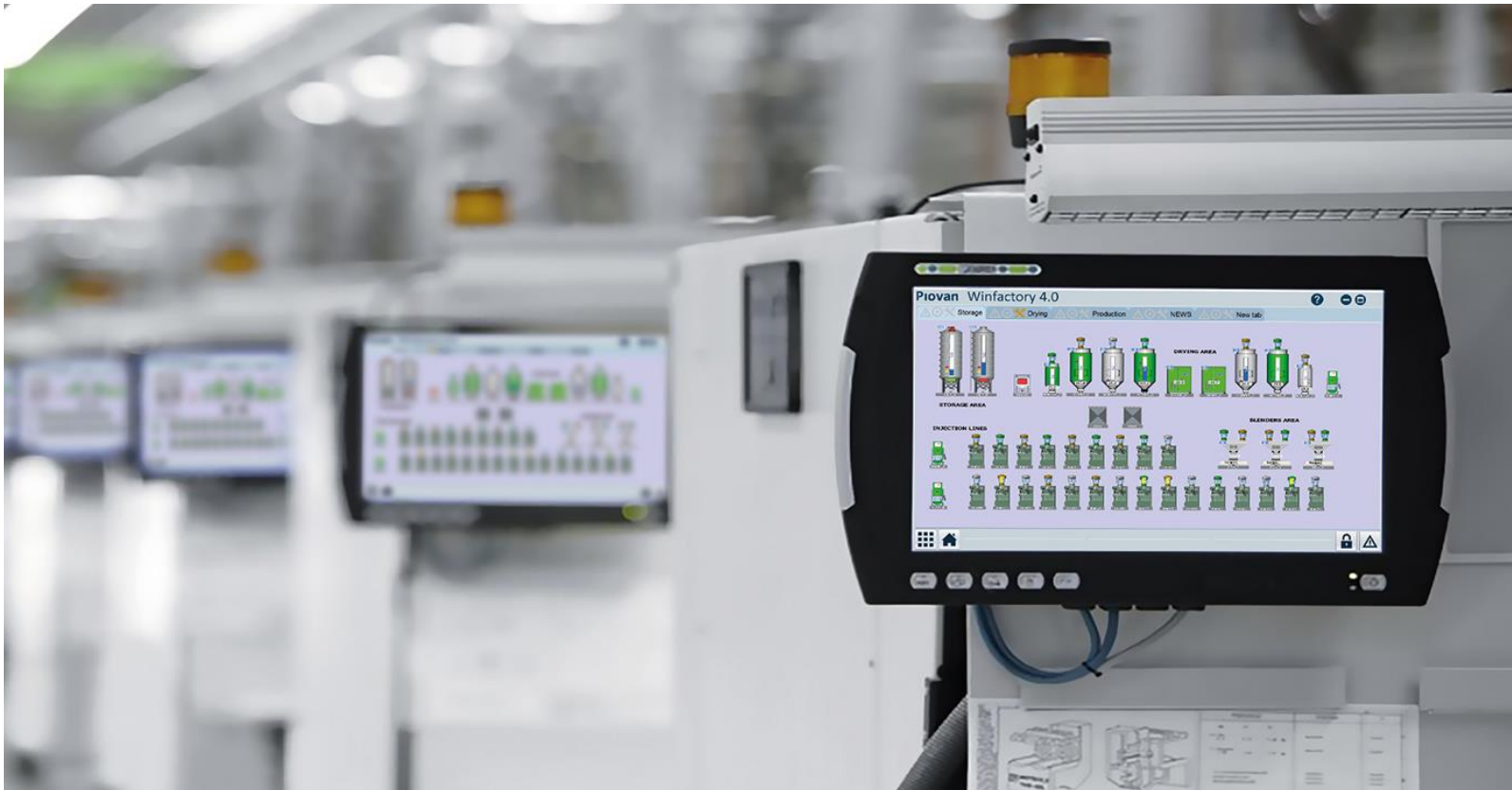
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according to the real thermal
load



seasonal air
heat recovering

SOFTWARE SYSTEM

Easy-to-use supervising systems to quickly control every process phase, from anywhere in the world.



maximum production efficiency



flexible adaptation to different plant configurations



quick troubleshooting, with Piován Help Desk service





OUR PHILOSOPHY

OUR PHILOSOPHY

Three pillars: **Customers, People, Innovation**



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