

MONDRAGON



HUMANITY  
AT WORK

Finanzas  
Industria  
Distribución  
Conocimiento



## MONDRAGON CORPORATION / *GENERAL INFORMATION*

ERREKA belongs to MONDRAGON CORPORATION the world's biggest Cooperative Group.

261 Companies and Entities operating

74,000 workers

Technological innovation and integrations as the driving forces behind its development

15 Research and development centers

467 invention patent families

1 University of its own



# MONDRAGON CORPORATION / *GENERAL*



Automotive

Industrial Automation

Bodywork and Supplies

**COMPONENTS**

Construction

Lifting

Equipment

Home

Machine Tools

Industrial Systems

Tooling and Systems

COPRECI

EIKA

**MATZ ERREKA**

EMBEGA

FAGOR ELECTRÓNICA

ORKLI

TAJO

## ERREKA / BUSINESS UNITS



**ERREKA  
PLASTICS**



**ERREKA  
FASTENING SOLUTIONS**



**ERREKA  
AUTOMATIC ACCESSES**

ERREKA is configured **in three different business lines**, with a high level of autonomy in their management and able to compete in international environments but sharing common values and culture

## ERREKA PLASTICS / GLOBAL POSITION



To give an adequate response to the challenges of globalization along with its plant in Spain, **Erreka** Plastics has two subsidiaries, **Erreka Plast** in Czech Republic and **Erreka Mex** in Mexico, covering the production and commercial needs of their areas of influence.

### PRODUCTION SITES

#### Spain

3.500 square meters  
37 plastic injection moulding machines  
Up to 400 tons

##### Capabilities

- Plastic injection moulding
- Insert moulding
- Integrated operations
- Complex plastic parts & assemblies
- Metal to plastic conversions
- Plastic injection moulds
- Prototypes

#### Czech Republic

2.300 square meters.  
16 plastic injection moulding machines.  
Up to 350 tons.

##### Capabilities

- Plastic injection moulding
- Insert moulding
- Integrated operations
- Complex plastic parts & assemblies
- Metal to plastic conversions

#### Mexico

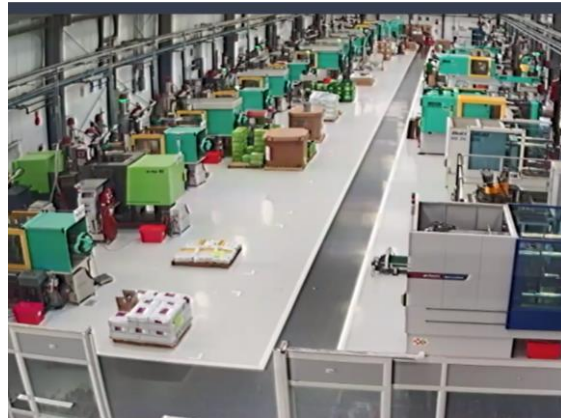
6.000 Square meters  
36 Plastic injection moulding machines  
3 Quick Connector assembly machines  
Machines up to 320 tons.

##### Capabilities

- Plastic injection moulding
- Insert moulding
- Integrated operations
- Complex plastic parts & assemblies
- Metal to plastic conversions



## ERREKA PLASTICS / *Mexico-Facilities*



6.000 square meters.  
36 plastic injection moulding machines.  
3 Quick Connectors assembly machines  
Up to 320 tons.

### Capabilities

- Plastic injection moulding
- Insert moulding
- Integrated operations
- Complex plastic parts & assemblies
- Metal to plastic conversions



**Erreka Mex S.A. de C.V.** Santa Rosa de Viterbo No. 11, Lote 9, Manzana II,  
P. Ind. FINSA 76246 El Marqués (Querétaro)  
México



## ERREKA PLASTICS / *TECHNOLOGY*

Fleet of Arburg and Engel injection moulding machines: from 15 to 320 Tn.





**ERREKA PLASTICS / Mexico-Facility**

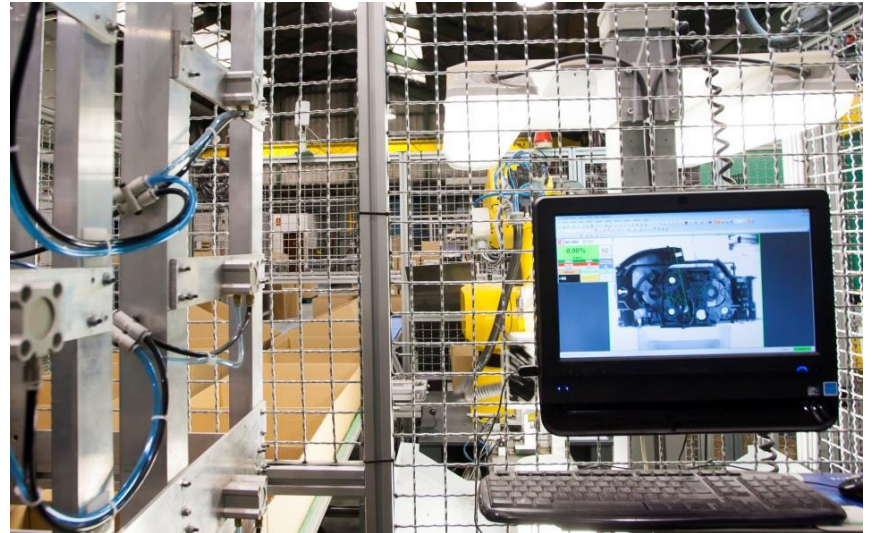
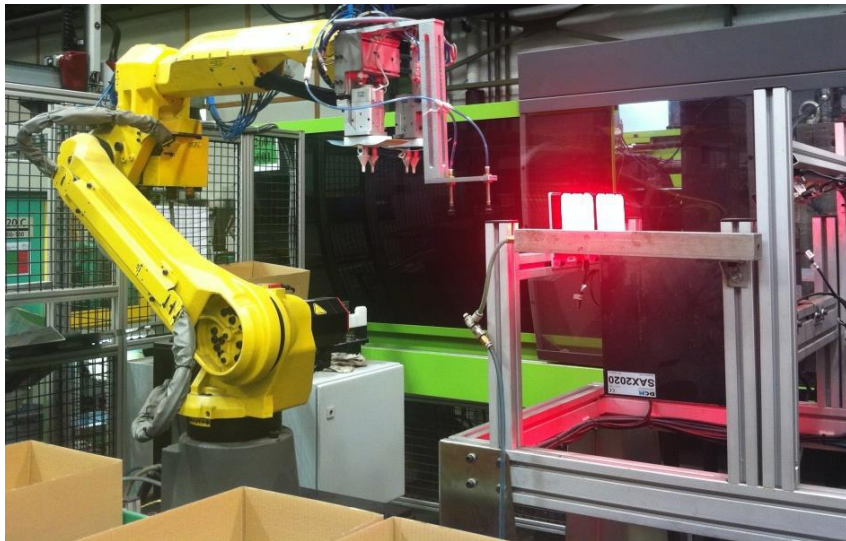
**SINCE 2001 IN MEXICO**





## ERREKA PLASTICS / TECHNOLOGY

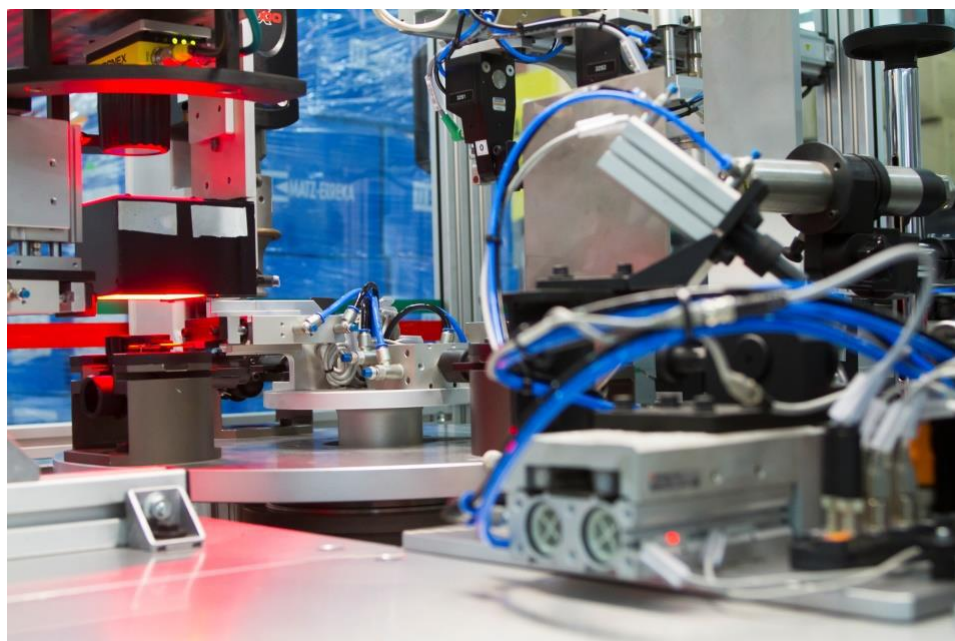
Highly automated production processes:



Simple precision injection with automatic extraction, verification and packaging integrated in the cycle time.

## ERREKA PLASTICS / TECHNOLOGY

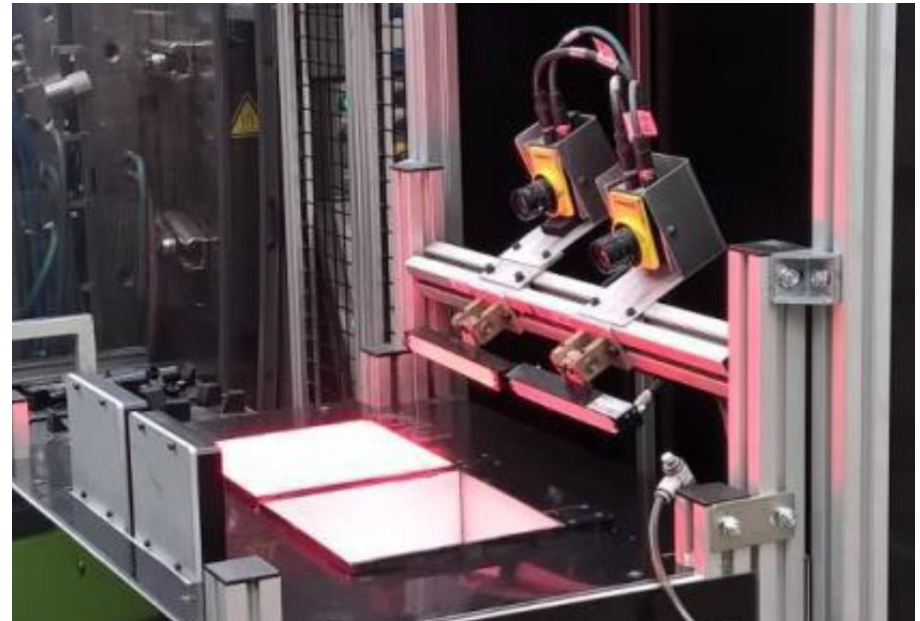
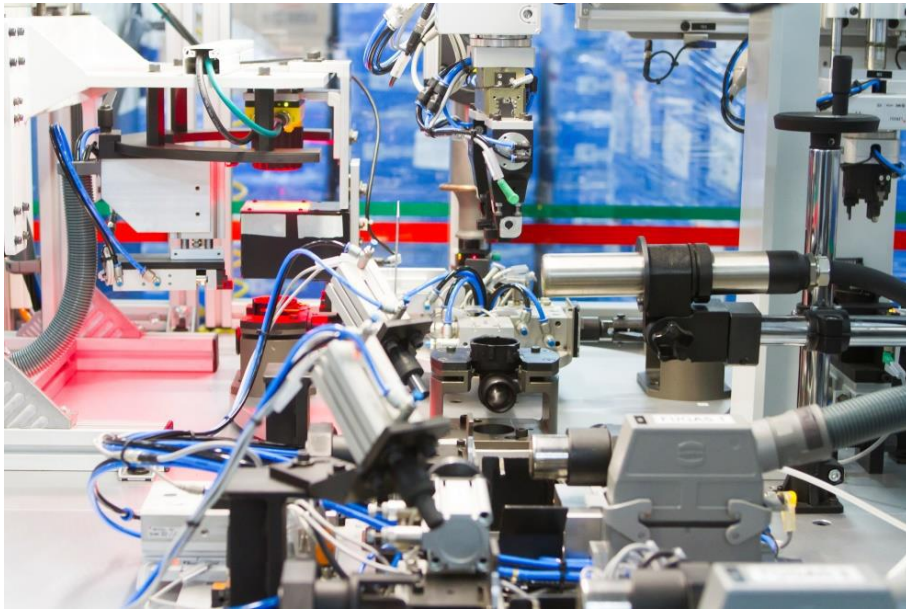
Highly automated production processes:



Ultrasonic Welding.

## ERREKA PLASTICS / *TECHNOLOGY*

Highly automated production processes:



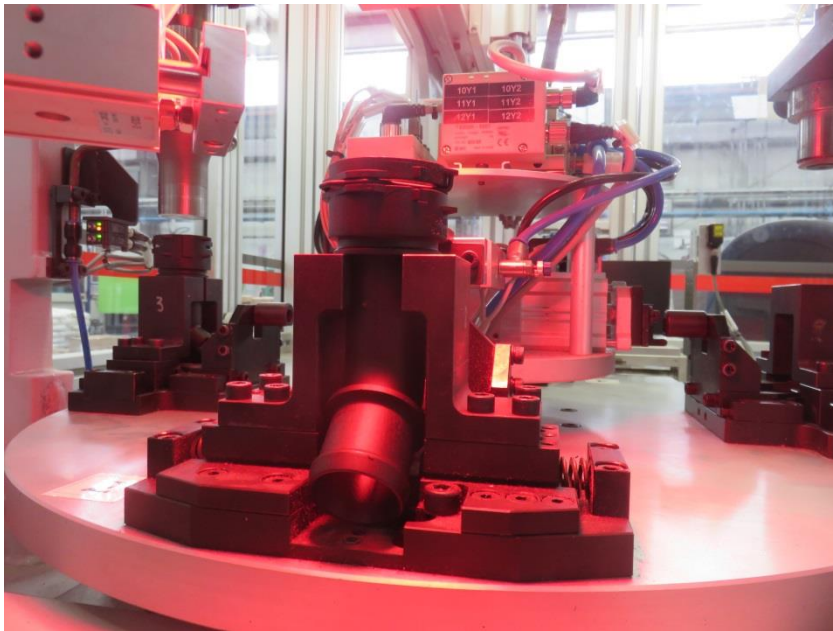
**100% Leak test.**

**100% artificial vision inspection.**



## ERREKA PLASTICS / *QUALITY*

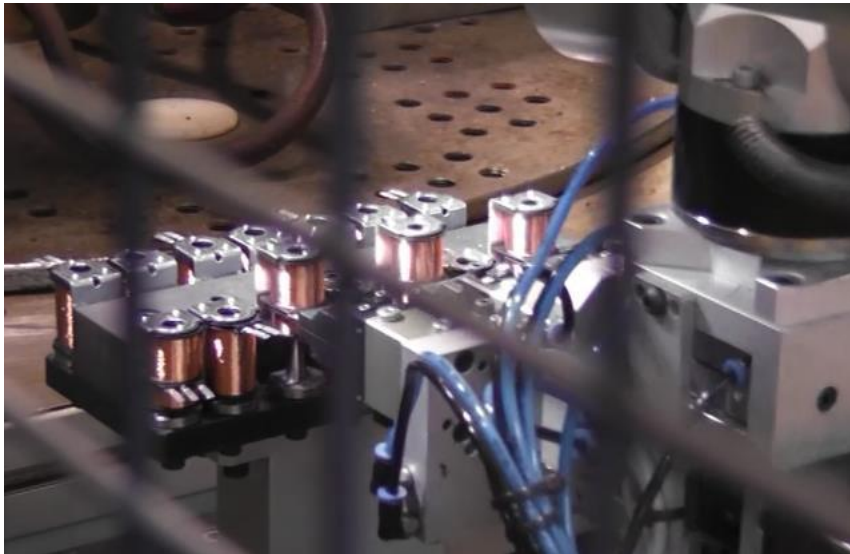
Quality assurance for 0 ppm`s:



Integrated artificial vision for verification of 100% of production.

## ERREKA PLASTICS / *TECHNOLOGY*

Highly automated production processes:



Overmoulding

## ERREKA PLASTICS / *DEVELOPMENT*

Own design and production of plastic injection tools:





# ERREKA PLASTICS / PRODUCTS

Fluid Systems



Gears



Door Systems



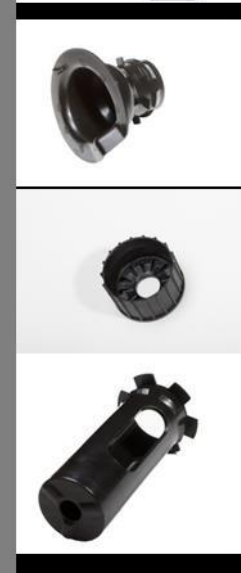
Overmoulded parts



Levers



Striker Caps



## ERREKA PLASTICS / *Main Costumers*





Wiper Systems



Thermal





## ERREKA PLASTICS MEXICO / *Products*



Wiper Motor



Lighting





Powertrain



## ERREKA PLASTICS MEXICO / *Products*



TRISTONE





## ERREKA PLASTICS MEXICO / *Products*

**Continental**   
**CONTITECH**



**AKWEL**



## ERREKA PLASTICS MEXICO / *Products*



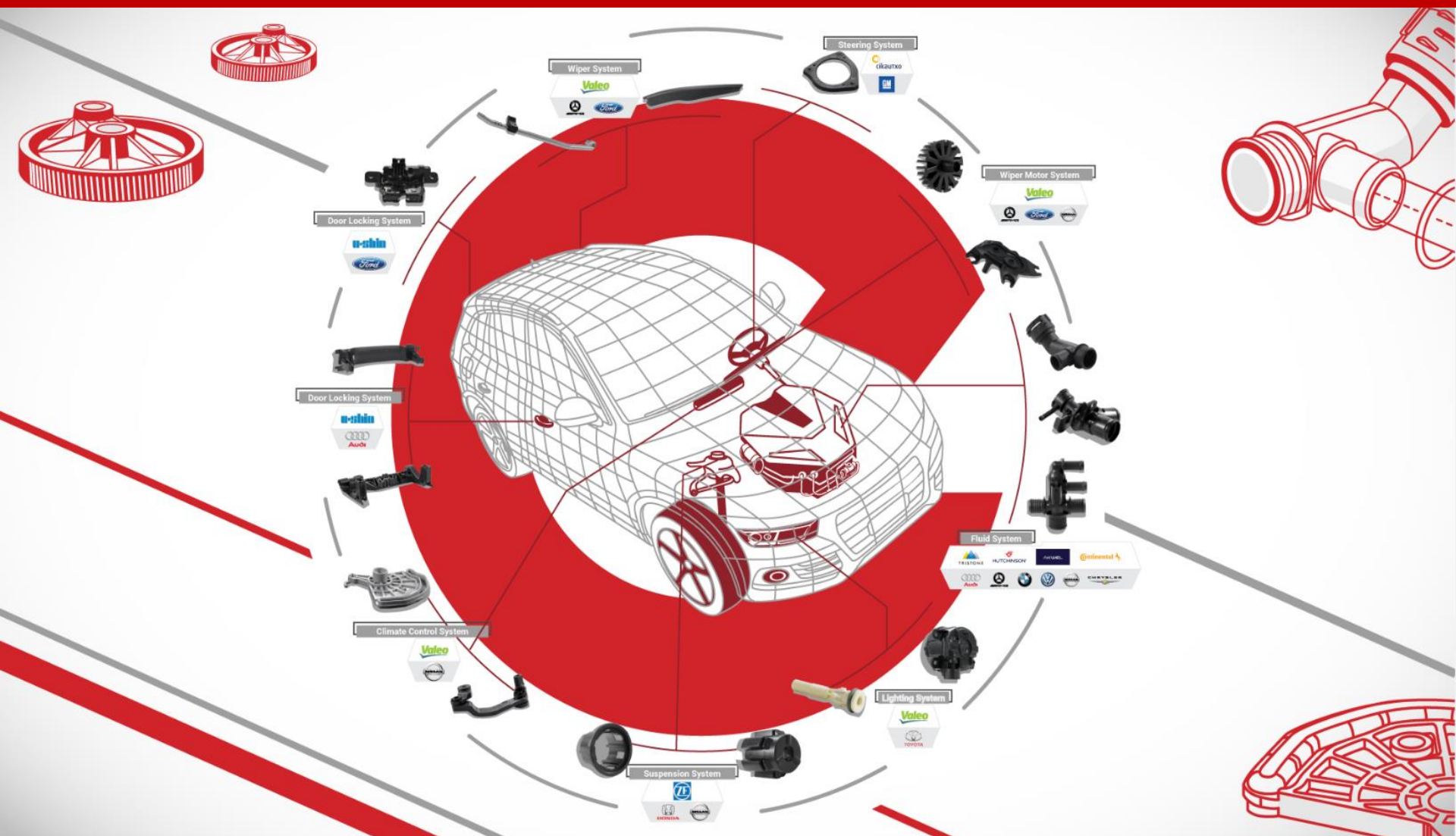
## ERREKA PLASTICS MEXICO / *Products*

Q5

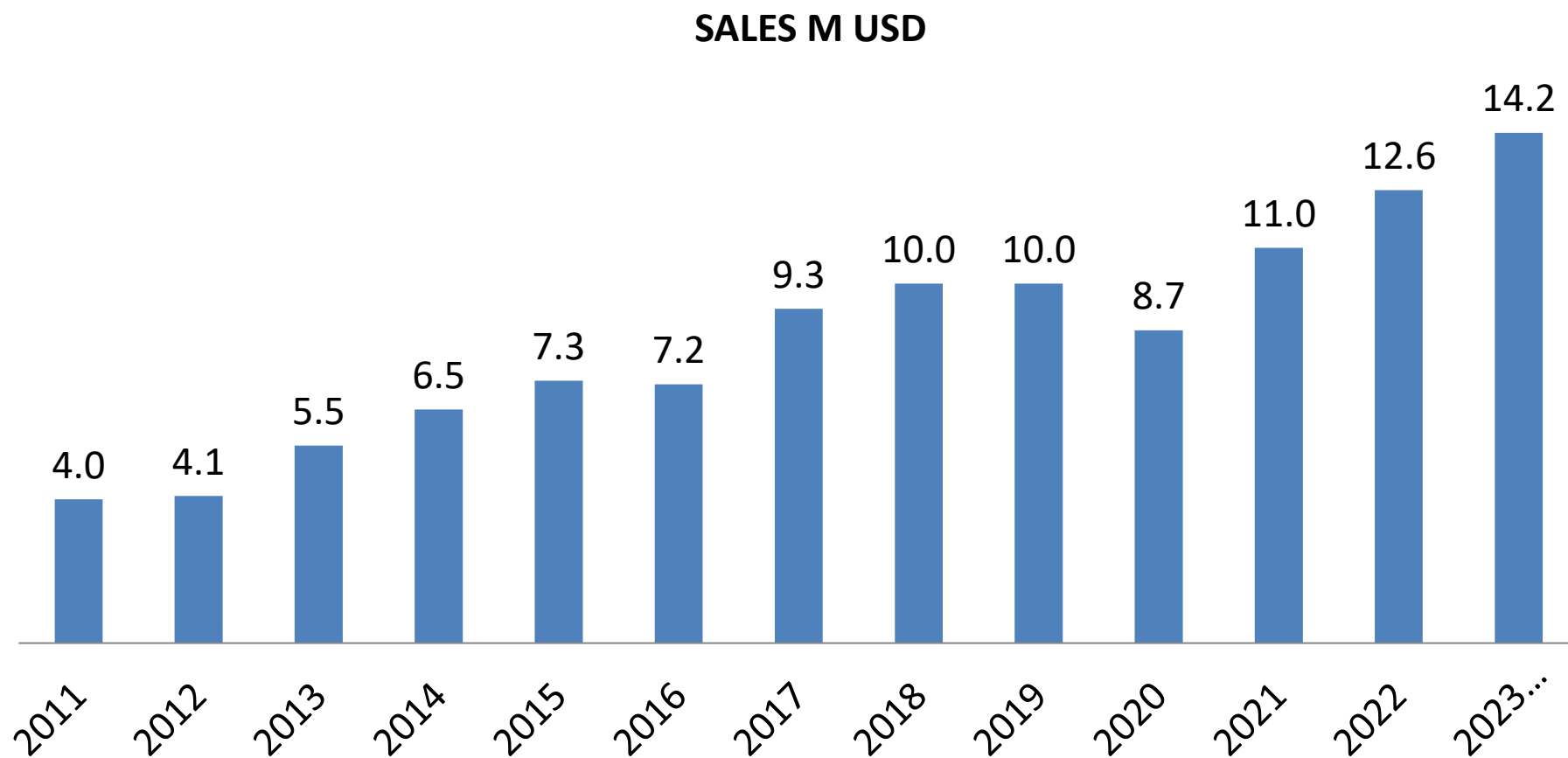




# ERREKA PLASTICS MEXICO / *Products*



## ERREKA PLASTICS / *Sales evolution-Erreka Mex*



**THANK YOU!!!**