

Welcome



**Global Fasteners Solutions**

[www.pecolautomotive.com](http://www.pecolautomotive.com)

## Who we are?



### Our facilities in Portugal

Private company established in 1983

Located in Águeda, Portugal.

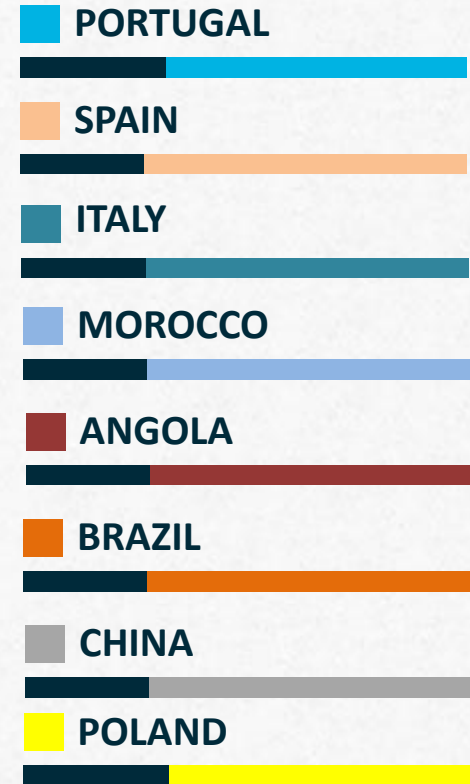
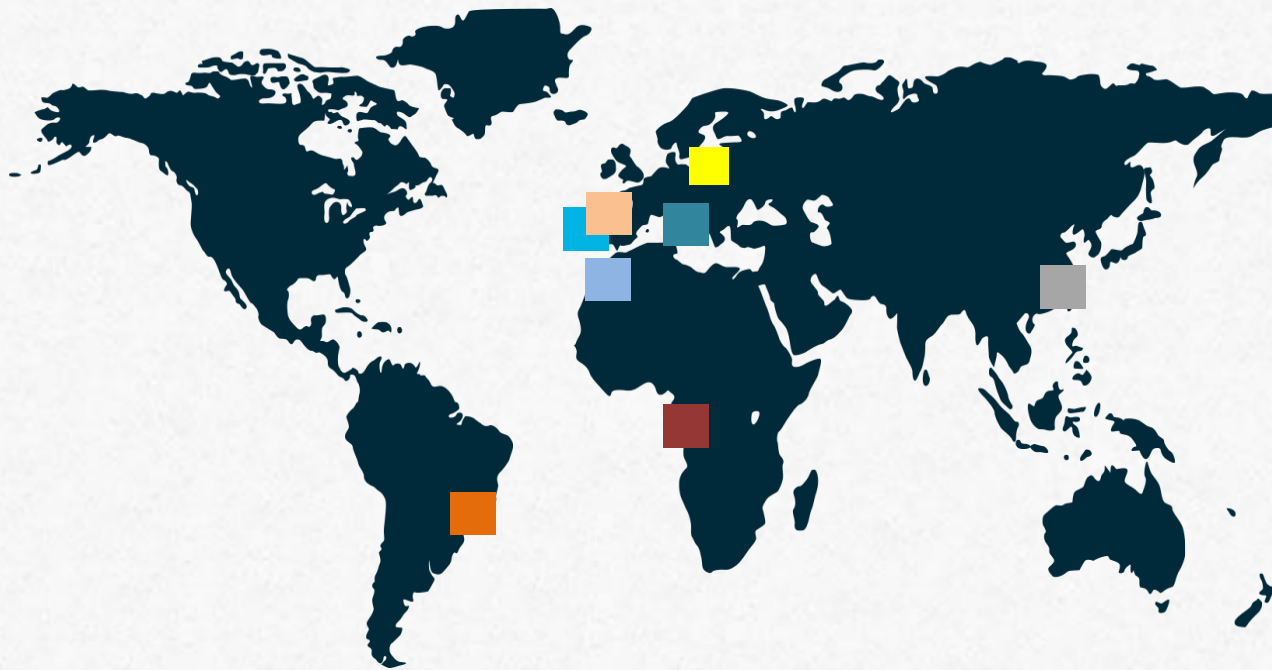
Area: 150.000m<sup>2</sup>



Founded in 1983, PECOL it's a portuguese industrial group located in Europe, Latin America, Africa and Asia.

PECOL started it's activity as a fastener manufacturer but now has a diversified portfolio, the group is an important player in fixation market in Europe. Today, it has 25.000 customers in Portugal and exports it's products to 25 countries.

# Who we are?





# Who we are?



Do you know that?



## TOTAL BUSINESS VOLUME

90 millions in 2018



## EMPLOYEES

700 employees worldwide



## STRATEGY

Commitment to sustained growth

# Who we are?



Headquarters located in **Águeda (Portugal)**.

## General Industry



Trade company for  
fixing systems

[www.pecol.pt](http://www.pecol.pt)



Building  
Construction

[www.locep.com.pt](http://www.locep.com.pt)



Fasteners Franchising

[www.casadosparafusos.pt](http://www.casadosparafusos.pt)



Trade company for  
fixing systems

[www.pecolgroup.com.br](http://www.pecolgroup.com.br)



Asian Office

[www.shangaibaigao.com](http://www.shangaibaigao.com)

# Who we are?



6 companies dedicated to automotive industry

## Automotive Industry



Fasteners Manufacturer

[www.pecolautomotive.pt](http://www.pecolautomotive.pt)



Coating Company

[www.retsacoat.pt](http://www.retsacoat.pt)



Tooling Manufacturer

[www.sermocol.pt](http://www.sermocol.pt)



Fasteners Manufacturer

[www.inkator.com](http://www.inkator.com)



Logistic platform

[www.pecolitalia.com](http://www.pecolitalia.com)



Logistic platform





## Fasteners Manufacturer

### PECOL AUTOMOTIVE

- Established in 2001
- Certification IATF16949
- Certification ISO14001:2014
- Business Volume: 30.500.000 Euros (2018)
- 95% Automotive Industry
- 270 Employees (72% direct – 28% indirect)
- 100.000.000 parts per month
- 2.500 tons per month
- Covered area 50.000m2



All processes IN-HOUSE.  
We develop around 250 new projects per year

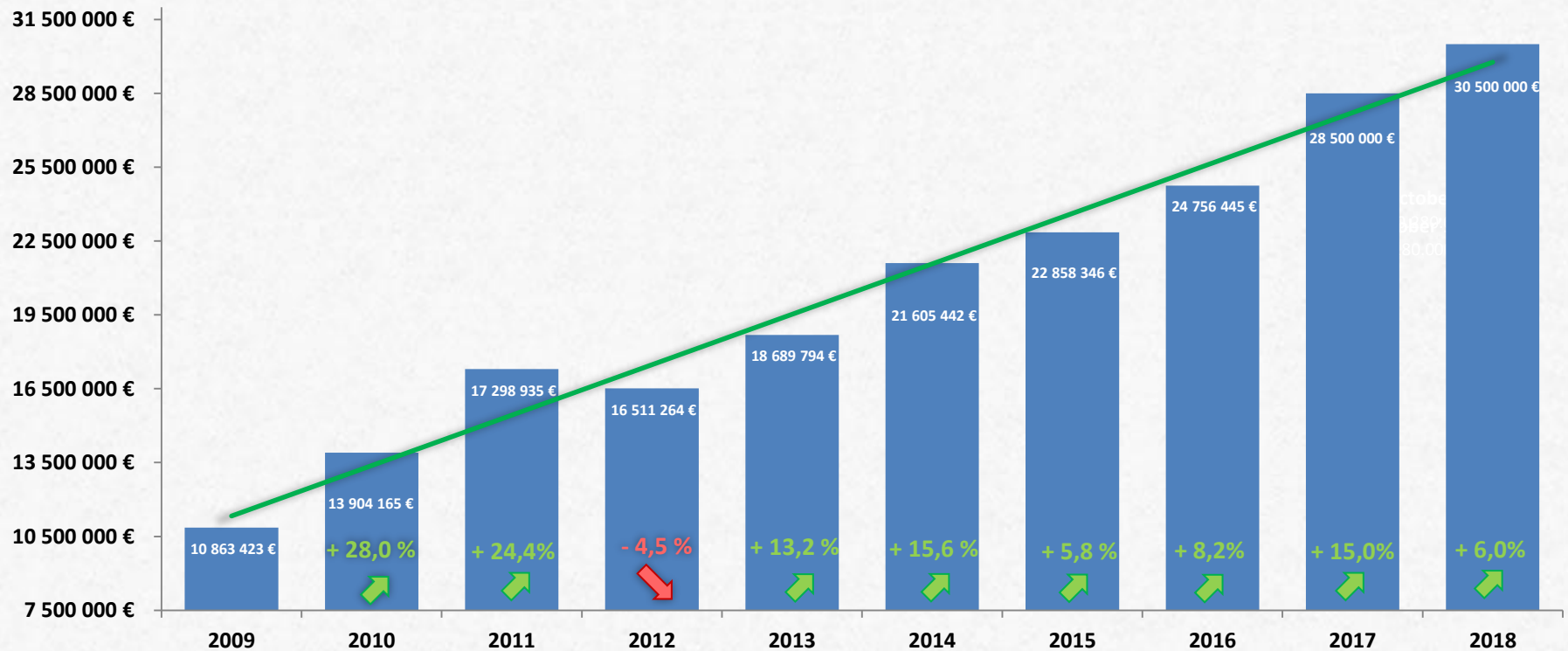


IATF 16949



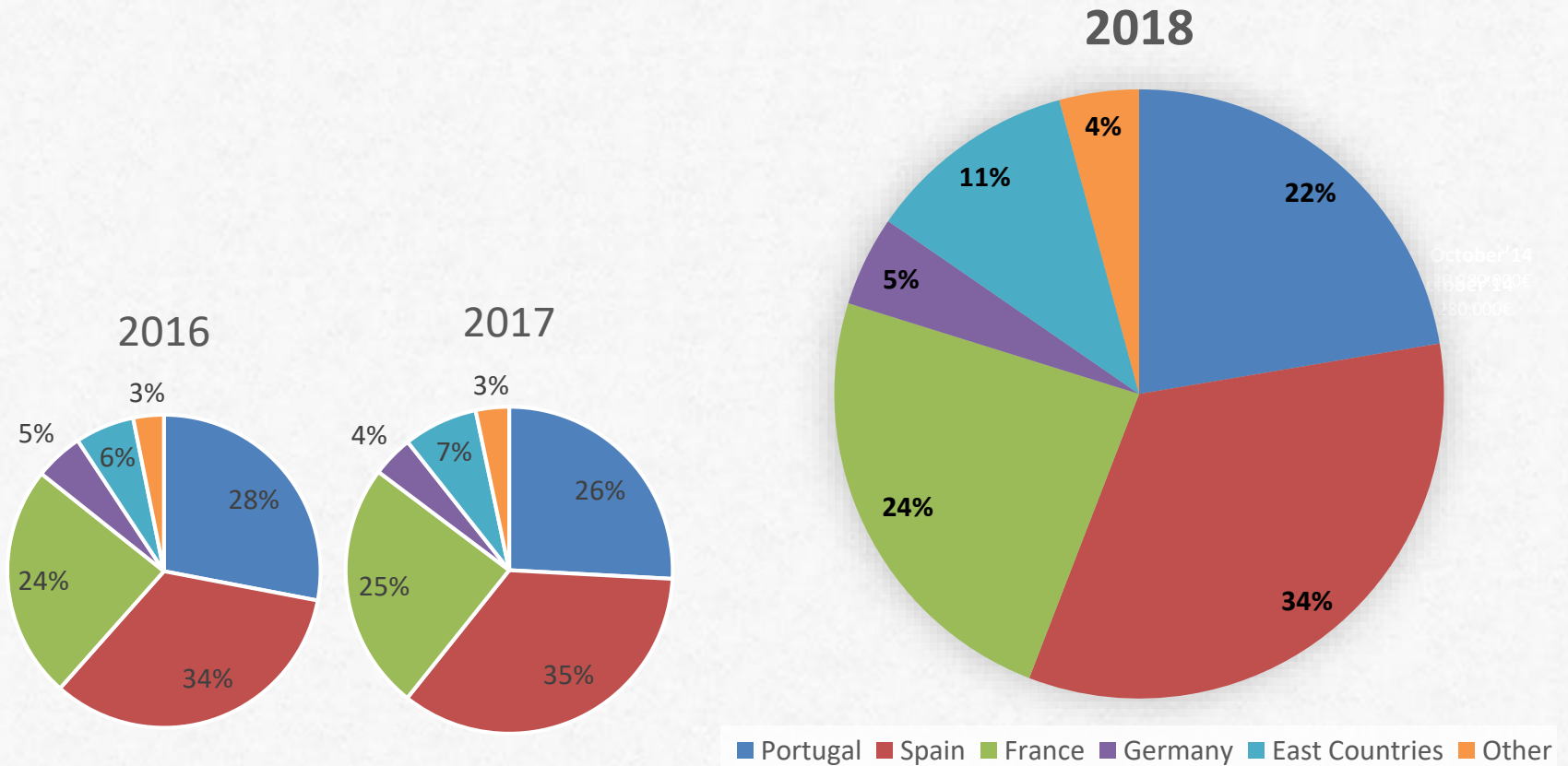
Cold forming process

Commitment to sustained growth





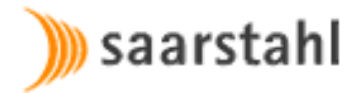
## Market Share



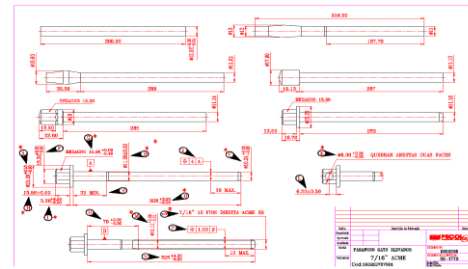
## Main Customers and Suppliers



GLOBAL  
STEEL WIRE



# Automotive Industry – PECOL AUTOMOTIVE



## Engineering & Development

All projects developed in our R&D department.

## Annealing Process

Annealing process for raw material.

## Raw Material Treatment

Pickling and phosphating

## Cold Forming

- 65 cold forming machines
- Diameter 3mm till 32mm
- Length up to 325mm



## Threading

- M3 to M32
- Washer assembly



## Second Operations

Machining operations



## Heat Treatment

2 Furnaces with capacity 3 tons per hour



## Sorting

26 optical sorting machines



## Our products



**Bolts**



**Inner Sleeves**



**Weld screws**



**Nuts**



**Axes**



**Ball Studs**



**Long Parts**



**Special Parts**



## Fasteners Manufacturer

### INKATOR

- Bought by PECOL Group in 2012
- Certification IATF16949
- Certification ISO14001:2014
- Business Volume: 16.000.000 Euros
- 80% exportation – 90% Automotive Industry
- 70 Employees
- Covered area 7.500m<sup>2</sup>



Experts in second operations by machining



Plant



Production



## Coating Company

### RETSACOAT

- Established in 2001
- Certification ISO9001 and ISO14001
- 30 Employees
- Business Volume: 3.800.000 Euros
- Production Capacity: 1000Kg per Hour



Electrolytic Coating

### Coatings:

- Geomet 500
- Geomet 321
- Plus VLH & ML
- Zn Plating
- ZnNi
- Zn Phosphate



Geomet

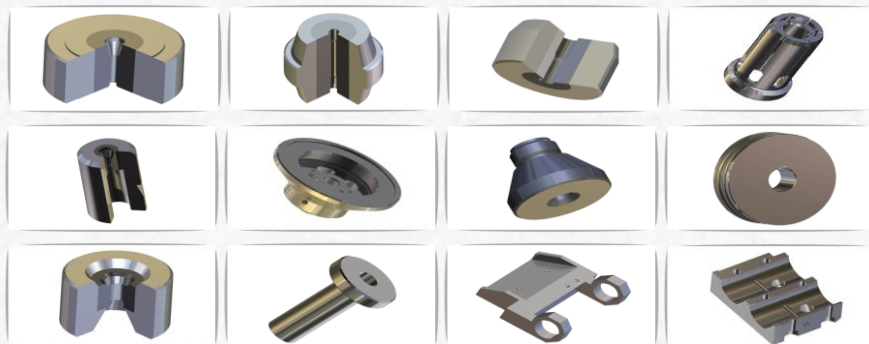




## Tooling Manufacturer

### SERMOCOL

- Bought by PECOL Group in 2015
- 35 Employees
- Business Volume : 1.500.000 Euros
- Covered Area: 1.500m<sup>2</sup>
- Turning Machines, Milling Machines, Wire EDM



Plant



Production



## Logistic Platforms



New warehouse opened in 2018 to supply all east countries customers

**POLAND – CZECH REPUBLIC – SLOVAKIA - HUNGARY**



Warehouse



Warehouse opened in 2013 to supply central europe customers

**ITALY – FRANCE - GERMANY**



Packaging

 Thank You



**Global Fasteners Solutions**

[www.pecolautomotive.com](http://www.pecolautomotive.com)