







- Company founded in 1990 in Cameri (NO)
- 30 years of experience in design, product engineering, prototyping & thermoplastic production of components and modules for automotive, medical and fashion market.
- Pioneer in Rapid Prototyping technologies, since 1990.
- Flexibility & Vertically Integration.
- Tier 1 & Tier 2 Automotive Supplier.
- Driven by innovations and creativity.

# Our history



1990

First Company in Italy to introduce Stereolithography and Rapid Prototyping techn.



1994

First Company in Italy to introduce Selective Laser Sintering techn. for plastic powder



1998

First Company in Italy to introduce Selective Laser Sintering techn. for metal powder



2004

From prototyping moving forward to thermoplastic serial production Manufacturer.

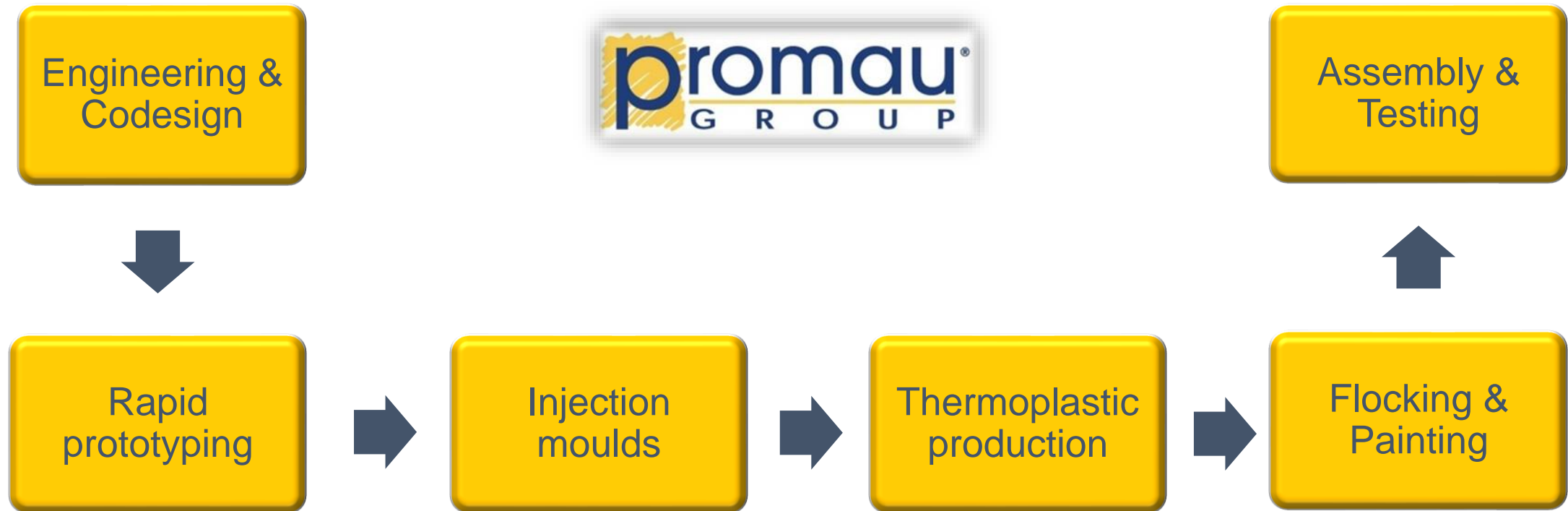
2010

Strategic Tier 1 Ferrari & Maserati Supplier.

2016

First implant for automated flocking Technology. SOP UV-Lux® flocking Brand.

# What we do





Automotive



Heavy duty & Industrial



Design & Fashion





Interior trims



Engine components



Exterior trims



Fashion items

## Interior trims...some examples



Speaker grid and defroster F142M



Cluster F149



Frontal panel 595 Abarth

## Exterior trims...some examples



Front grid Maserati Ghibli –  
Quattroporte



Front grid Audi RS3



Spoiler Ferrari 488



# Engine components...some examples

Throttle manifold  
NBR + PA66-GF 50

NBR manifold

Air flow sensor  
Housing PBT GF 30



Lateral Engine Cover

Air Duct Engine

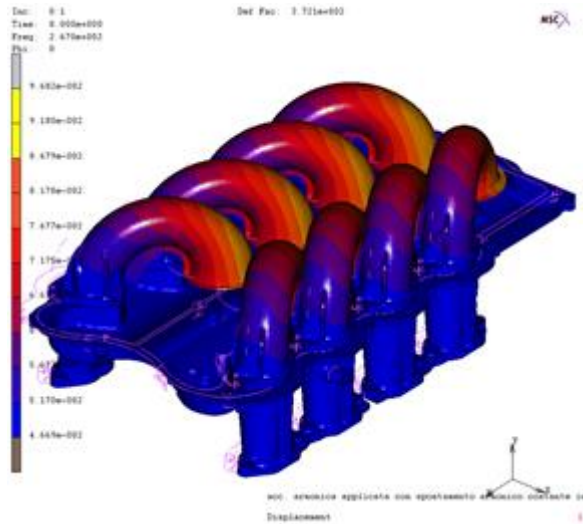
Central Engine Cover

Microfiber : *UV-lux*®



PROMAU TECHNOLOGIES.....



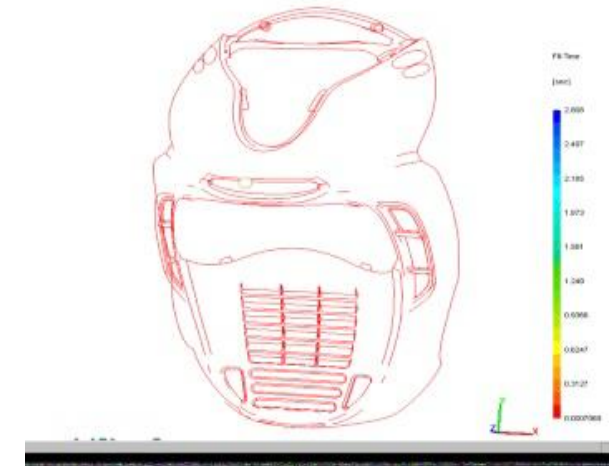
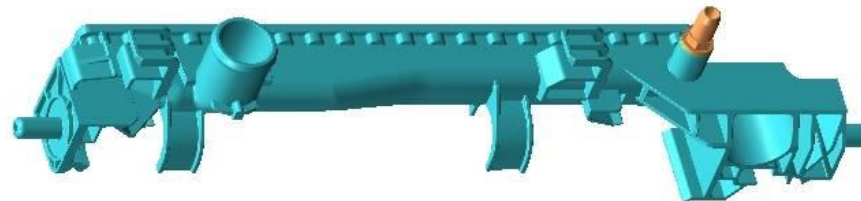
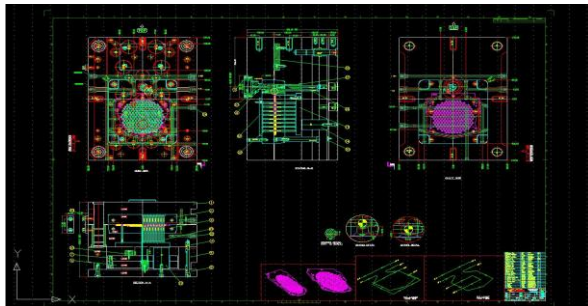


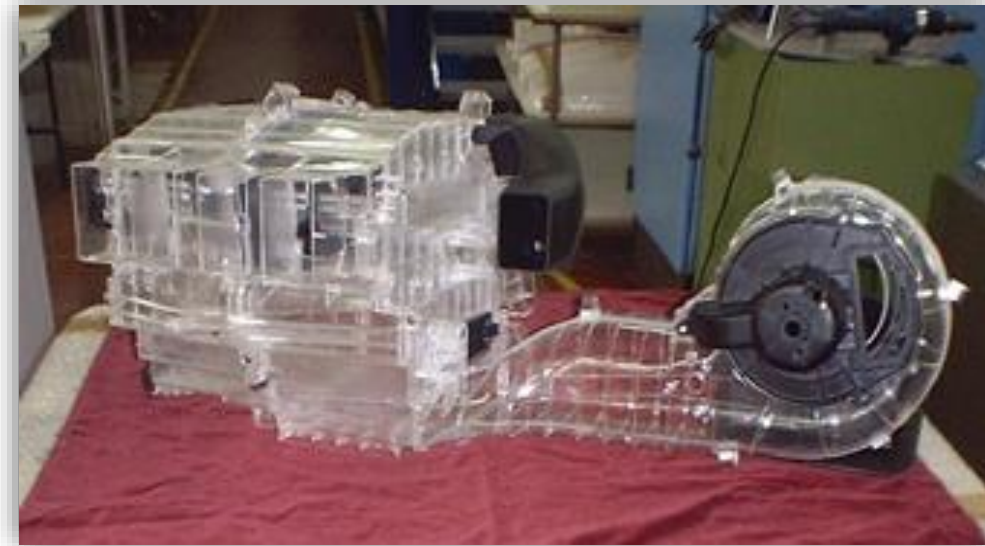
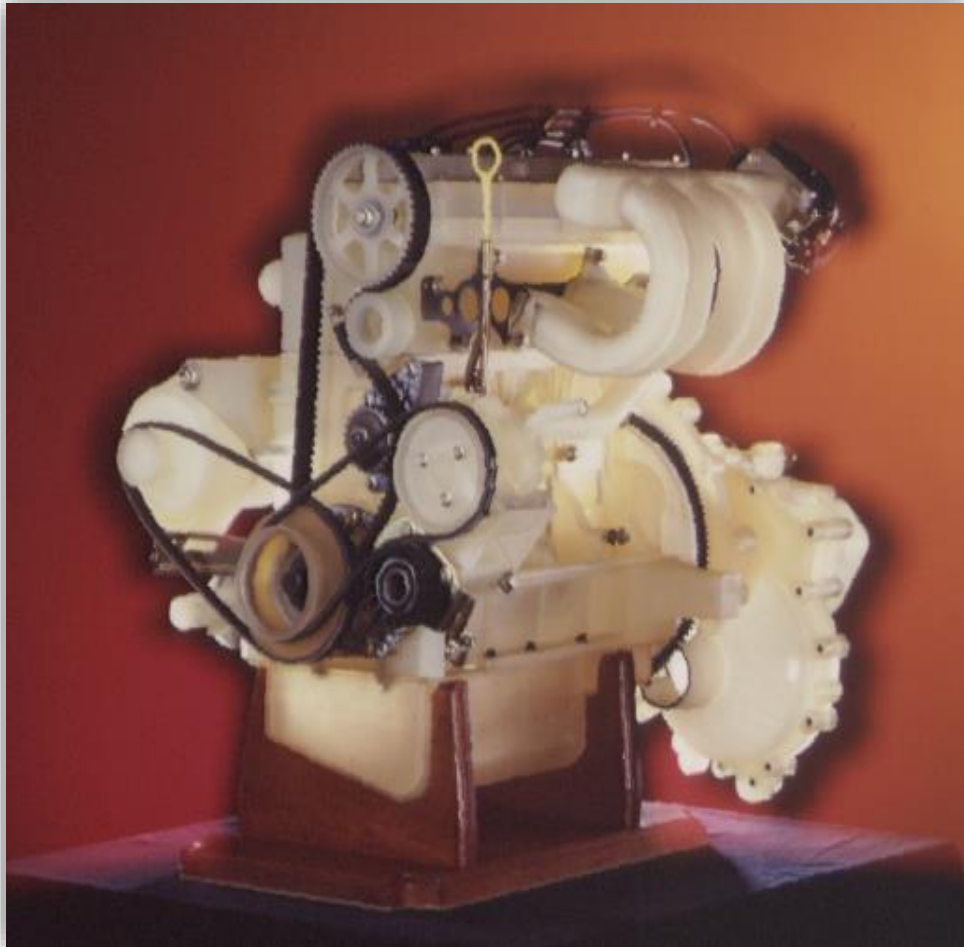
## Software :

Catia V, PTC Creo (Parts and tools design)  
Delcam PowerMILL (CNC and milling)  
3d System Geomagic Control X (CRT and scanning).Magics Materialise for 3D Printing.

## CAD Stations:

DELL Percision T3500  
HP XW4600 Workstation





Stereolithography, Selective Laser Sintering,  
Fused Deposition Modeling, Polyjet.....

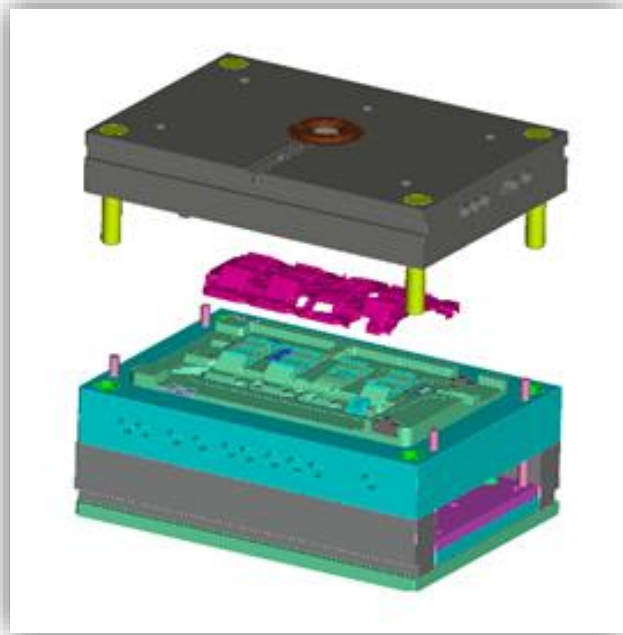
## Rapid prototyping.....Silicon Moulds & Vacuum Casting





# Rapid prototyping.....Selective Laser Sintering





Engineering and mold project



Mechanical Tool Shop







12 Injection Machines  
from 40 to 1,000 tons



Assembly

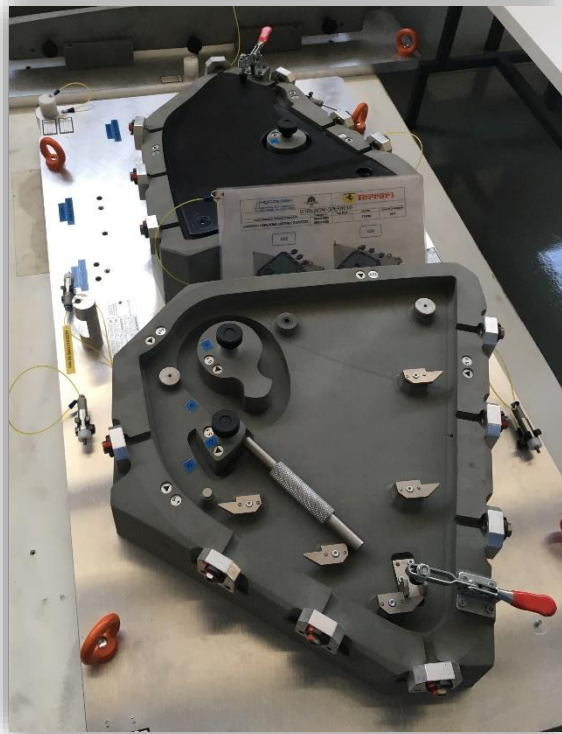


Pillar robot assembly



# FLOCKING PROCESS

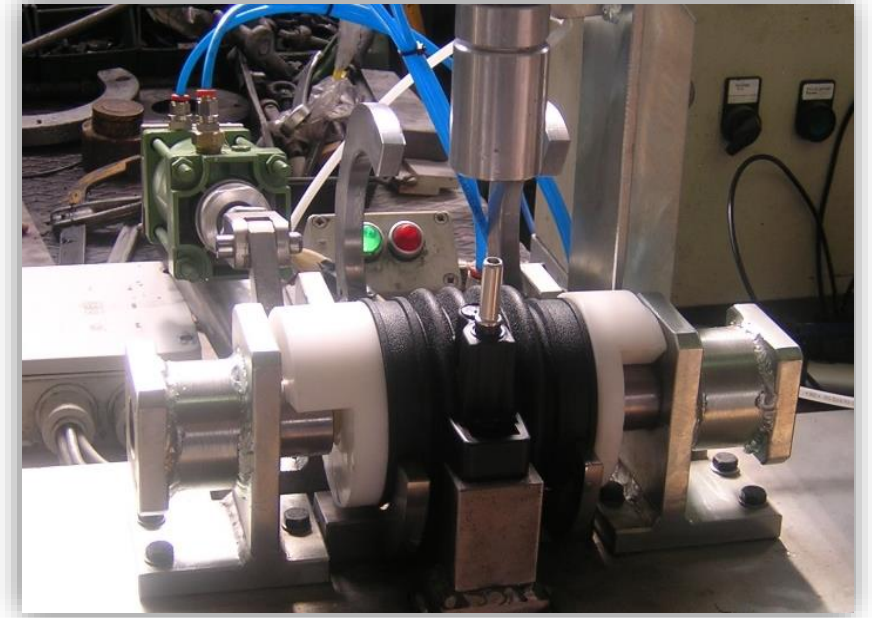




Gauges control



Ultrasonic welding



100% Leak testing

PROMAU REFERENCES.....



Flocked glove box



Flocked console arm rest



Alfa Romeo Stelvio



Center console



Ferrari Roma

## References Interior Trim

Dashboard      Pillar frame      Woofer carrier



Glove box

Flocked consolle arm rest



Ferrari Portofino



Flocked glove box tray



Flocked arm rest



Porsche Macan

# References Interior Trim



Handle

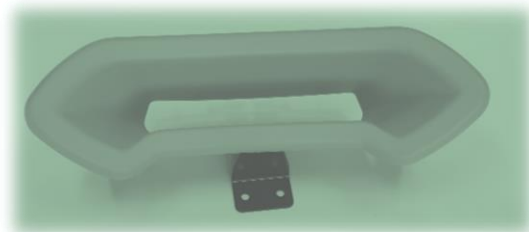
Lever

Handle



Iveco Daily

## References Interior Trim







Spoiler conveyor



Ferrari 458 Italia



Flocked glove box



RR BMW R31



Ferrari 488 GTB



Micro perforated Cockpit Speaker Grid



Flocked sunroof



Jeep Renegade

Top housing Head Up Display



Maserati M 182 & M 189

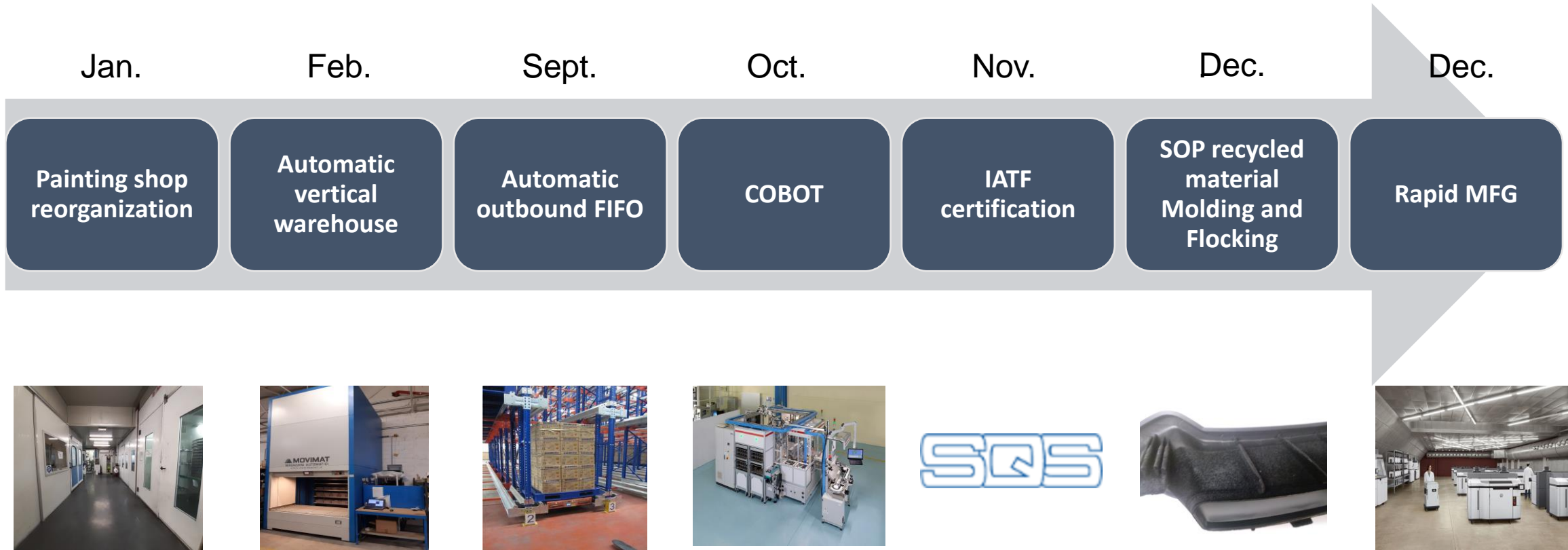
Head Up Display



Ferrari SF90



# Roadmap 2020



Rev June 2020

# Promau Customers





Thank you