

Together,
higher, further



WeAre Mission

WeAre is manufacturing competitive parts solutions tailored to meet our customers' needs in **AERONAUTICS, SPACE, DEFENSE, ENERGY, TRANSPORT & MEDICAL** industries.

- **Head Office** is in Montauban, France.
- 15 production sites **worldwide**
- **1st** Turning capabilities in Europe
- **2nd** Surface Treatment in France



East Hub

Grenoble 38
Saint-Etienne 42
Sallanches 74

Atlantic Hub

Dinan 22
St Nicolas de Redon 44
Herbignac 44
St André des Eaux 44
St Nazaire 44

Toulouse Hub

Montauban 82
Muret 31
Toulouse 31



Japan

Vietnam
Thailand

Morocco

Tunisia

China



WeAre Mission



**DETAILED
PARTS**

Turning
Machining
Sheet Metal
Surface
treatment



**WP
AEROSTRUCTURE**

Sub-assembly
Aerostructures



SPEEDSHOP

Just in time
New parts
MRO
Spares



ADDITIVE

Metal powders
Re/Design
3D Print



LOW COST

Morocco
Tunisia

WeAre Key figures

2020

300M€

1800

130M€
Cumulative

25
Estimate

2020

2016

Turnover

100M€

Manpower

1000

Investment

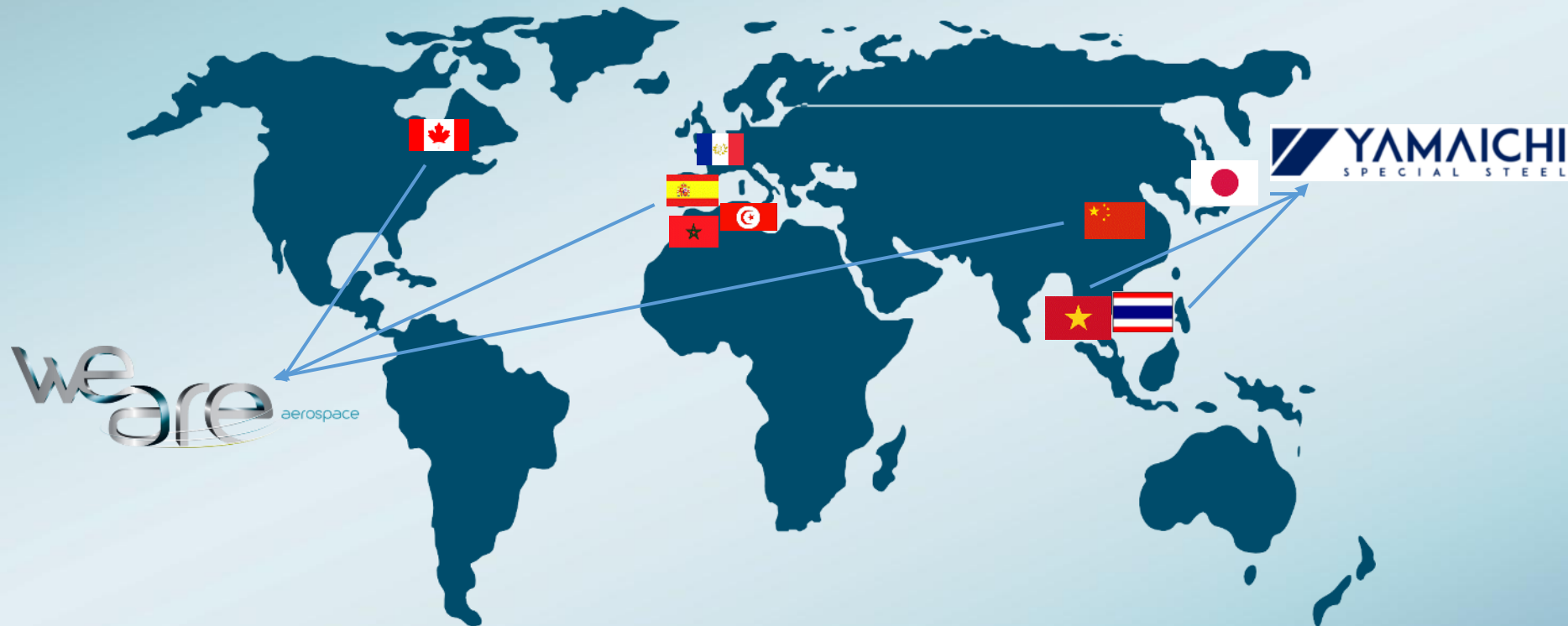
20M€

Locations

15

2016

A Global Production Offer



Partners,

for worldwide supply capabilities

YAMAICHI Special Steel COMPANY PROFILE

Head Office and Factory (33,000m²)



Headquarters in Nagoya

- Founded in 1927
- Capital 80 Million Yen
- Turnover 16 Billion Yen
- 200 employees

Subsidiaries in Asia



Yamaichi Special Steel Thailand
(Japanese “shousha”)



Yamaichi Special Steel Vietnam
(heat treatment)

【FACTORY MALL】



**Integrated
Production Process**

Building a Presence in Japan

- **We Are group** and **Yamaichi Hagane** are partners since 2015 to provide conventional parts manufacturing and post-treatments in Europe and Asia.
 - Creation of We Are Aerospace's Tokyo Representative Office in April 2017



- **Prismadd Japan** is a joint venture created in Feb. 2016 to add Additive Manufacturing technologies to Yamaichi Hagane's offer in Japan.
 - 10 people
 - 3 machines (Titanium and Plastic)
 - Based in Yamaichi's plant in Nagoya
- **3DXpertise Japan**, Design Office and Training Center announced at Paris Air Show 2017
 - France to Japan **Knowledge-Transfer Campaign** for Additive Manufacturing.



A common offer in Conventional Manufacturing



Turning



Milling



Speedshop



Sub
Assembly



Global
Finishing



Aerostructure sub-assemblies



Pilot & Passenger seats



Casings for electronic equipment



Mechanisms



Non Destructive Testing



Surface Treatment



Equipment



Inspection & equipment



Painting



Logistic Hub solutions



And a Fully integrated offer for Additive



Additive

ADDED VALUE PROCESS

Choose >>>

Materials



Scan >>>

Digitalisation



Optimise >>>

Simulation

Topology

Print >>>

Plastics

Metals



Treatment >>>

HIP

Partners in
France
and Japan

Test >>>

Analysis



Machining /
Control

and Non-
destructive
testing



3dTrust | Distributed
Manufacturing

YOUR REQUIREMENT

INNOVATION & QUALITY

Trust and Shared Value



Collaboration

- Being partners = supporting one another weakness
- Japan lacks behind in term of Additive Manufacturing technology
- France developped a knowledge base for years in AM
- WeAre Aerospace brought AM to Yamaichi Special Steel, who saw:
 - Technological Opportunities
 - New Domestic Industries to address
 - New International Markets
- Opportunity for traditional industries
- Complementary manufacturing solutions for better, smarter, more reliable future products
- Win-Win situation if all the industry follows

Going Farther: France-Japan Knowledge Transfer Campaign

- Within the framework of:
 - the **Cooperation Agreement between the French DGE and the METI in Japan** about the Industry of the Future, and its **training component**,
 - the **Civil Aviation Industry Cooperation agreement between the French DGAC and the METI in Japan** including since November 2016 « Additive Manufacturing » as an **Aera of Mutual Interest**,
- **Launch of 3DXpertise Japan** during the Paris Air Show 2017
- Objectives:
 - Training 10 engineers per quarter in Additive Manufacturing
 - Fertilizing Japanese industry in optimization techniques
 - Bring 3D printing into production cycles in Japan
 - Accompanying Japanese companies in their transition to Industry 4.0



Thank you

we are aerospace

&

YAMAICHI
SPECIAL STEEL