

# Stresstech

2019-08



*Measure for success*



## MISSION

Stresstech's mission is to serve the **quality control needs of transportation industry as well as energy and marine industry and research institutes alike**. We have the knowledge and experience all under one roof from basic science to final assembly. Our team of experts is committed to innovate, develop, and manufacture turnkey systems for:

- ✓ **residual stress measurement**
- ✓ **heat treatment verification**
- ✓ **grinding burn detection**

## VISION

Stresstech's vision is to ensure that the components used in transportation industry as well as in energy and marine industry are **sustainable**, **reliable**, and **safe**.

Our vision is to develop science-based quality control solutions **so simple and effective that every manufacturer within our target market industries are willing to use one.**

A hand holds a white sheet of paper with a technical drawing of a mechanical part, possibly a turbine or engine component. The drawing shows a cross-section with various internal features and dimensions. In the background, a blue and black CNC machine control panel is visible, featuring several buttons and a small screen. The overall scene is set in a manufacturing environment.

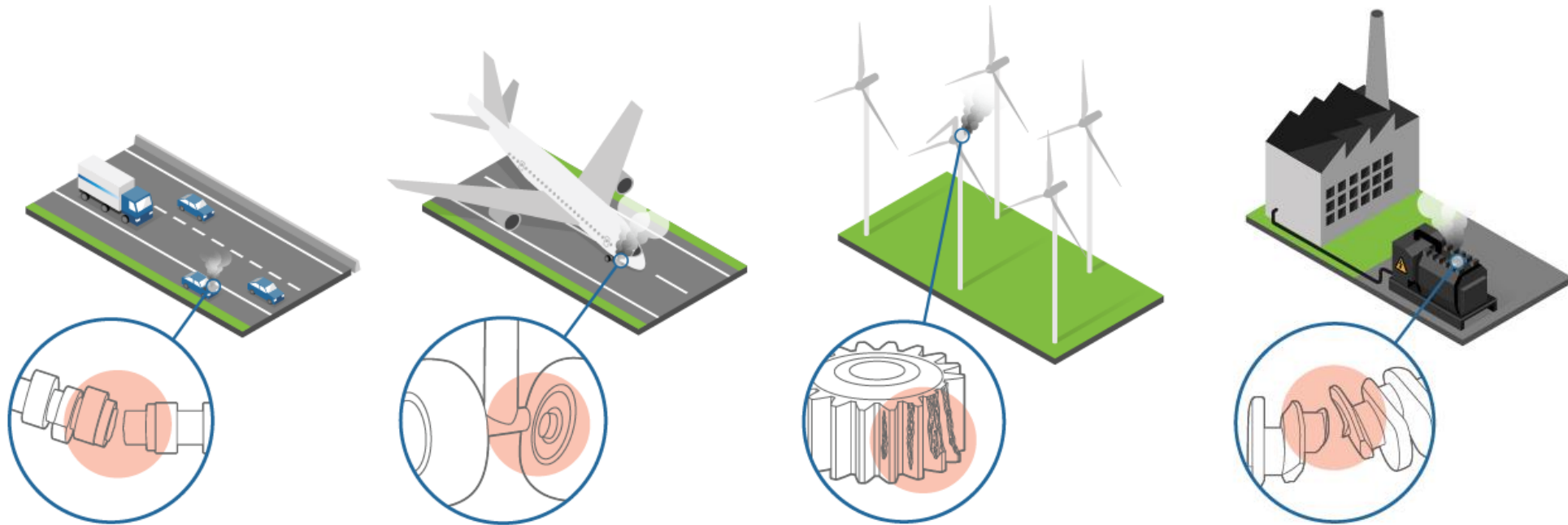
## CUSTOMER VALUE STATEMENT

With Stresstech solutions, **you can improve and control the quality of your manufacturing process** where material properties can change during the machining or heat treatment processes.

# Stresstech

Stresstech target markets are divided to three key segments:

**Transportation (land and air) industry, power and marine industry and education.**





# Stresstech

Some of our referencies:



Feel the difference



Lufthansa Technik  
More mobility for the world



imagination at work



RENAULT



DELPHI



BHARAT FORGE  
KALYANI



SPICER®  
Drivetrain Products



moventas



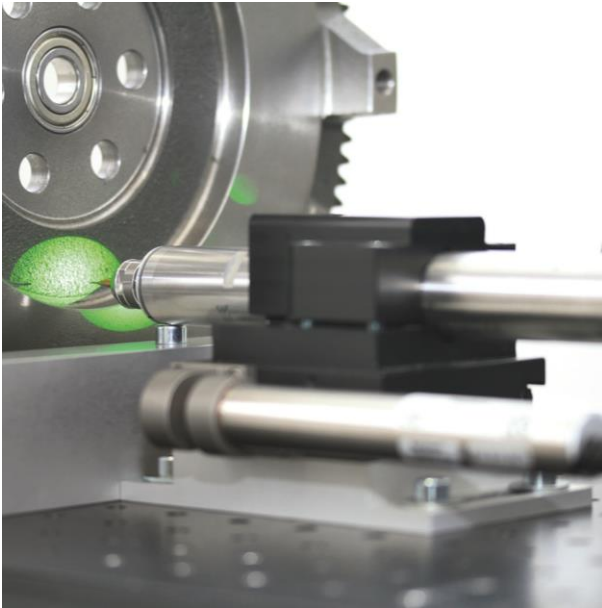
# OUR SOLUTIONS

# Stresstech

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Our solutions:

## Residual stress measurement



## Heat treatment verification



## Grinding burn detection







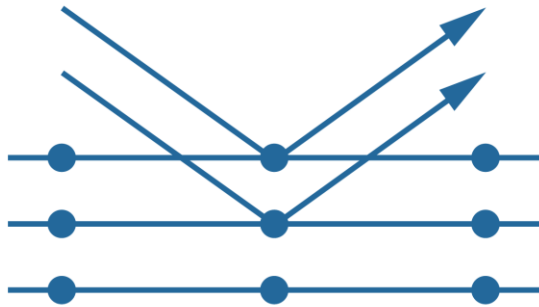
# OUR TECHNOLOGIES

# Stresstech

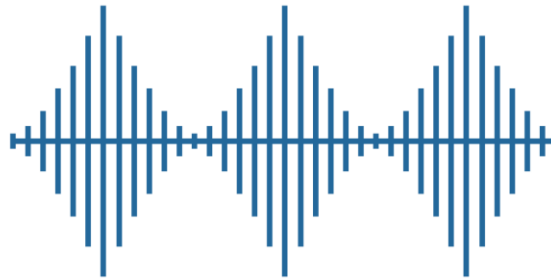
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Our technologies:

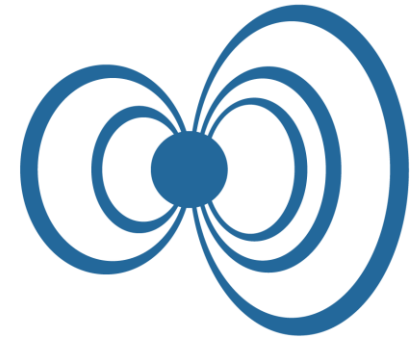
**X-ray diffraction**



**Barkhausen noise analysis**



**ESPI hole drilling**



A close-up photograph of a mechanical testing fixture. A silver-colored probe is positioned against a curved, metallic surface. The probe is connected to a complex assembly of metal blocks and wiring. Several black and grey cables are visible, some with labels like 'B1'. The background is blurred, showing more of the testing environment.

# OUR PRODUCTS



# Stresstech

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Our products:

## Xstress

X-ray diffractometers



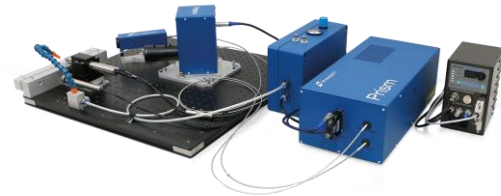
## Barkhausen noise

equipment



## Prism

hole drilling system



## Measurement service





# Stresstech

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Stresstech is **headquartered in Finland** and has **offices in Germany**, the **United States**, and **India**, as well as sales and service distributors around the world.

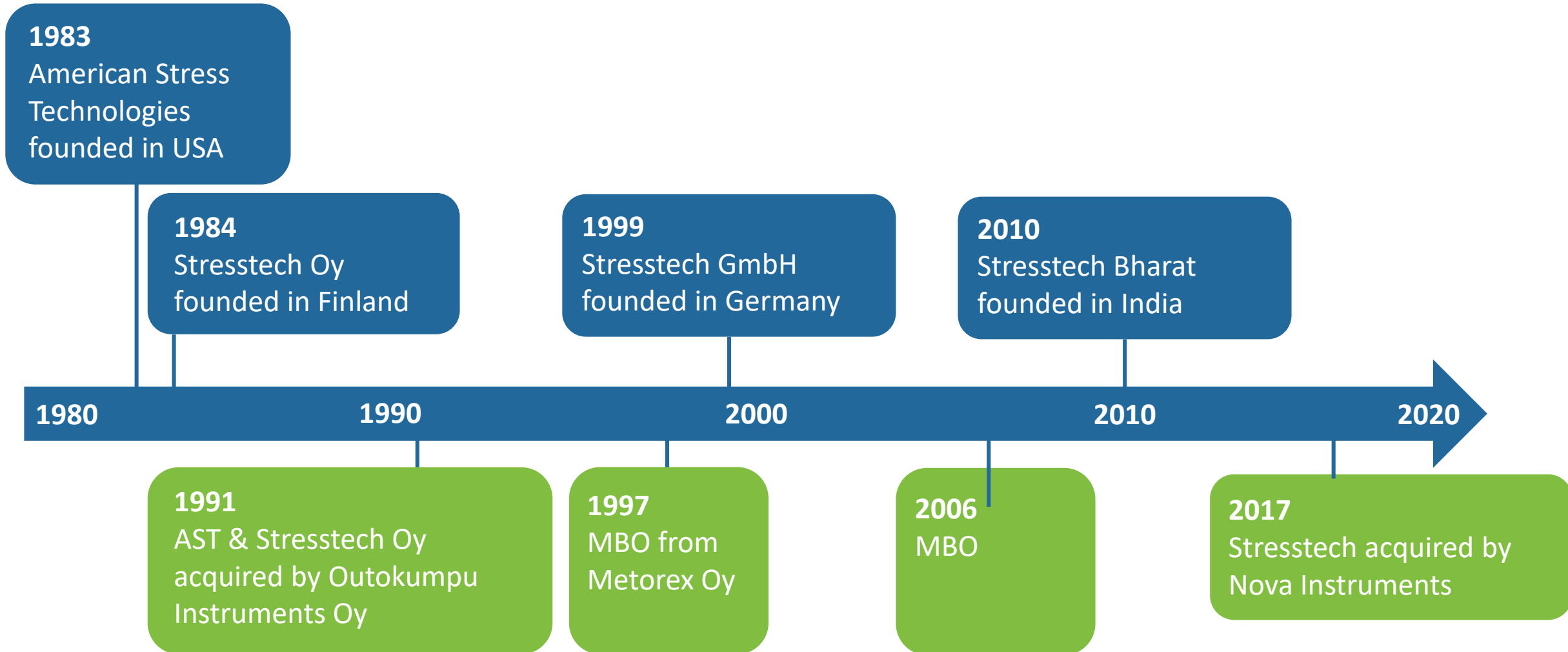
# Stresstech

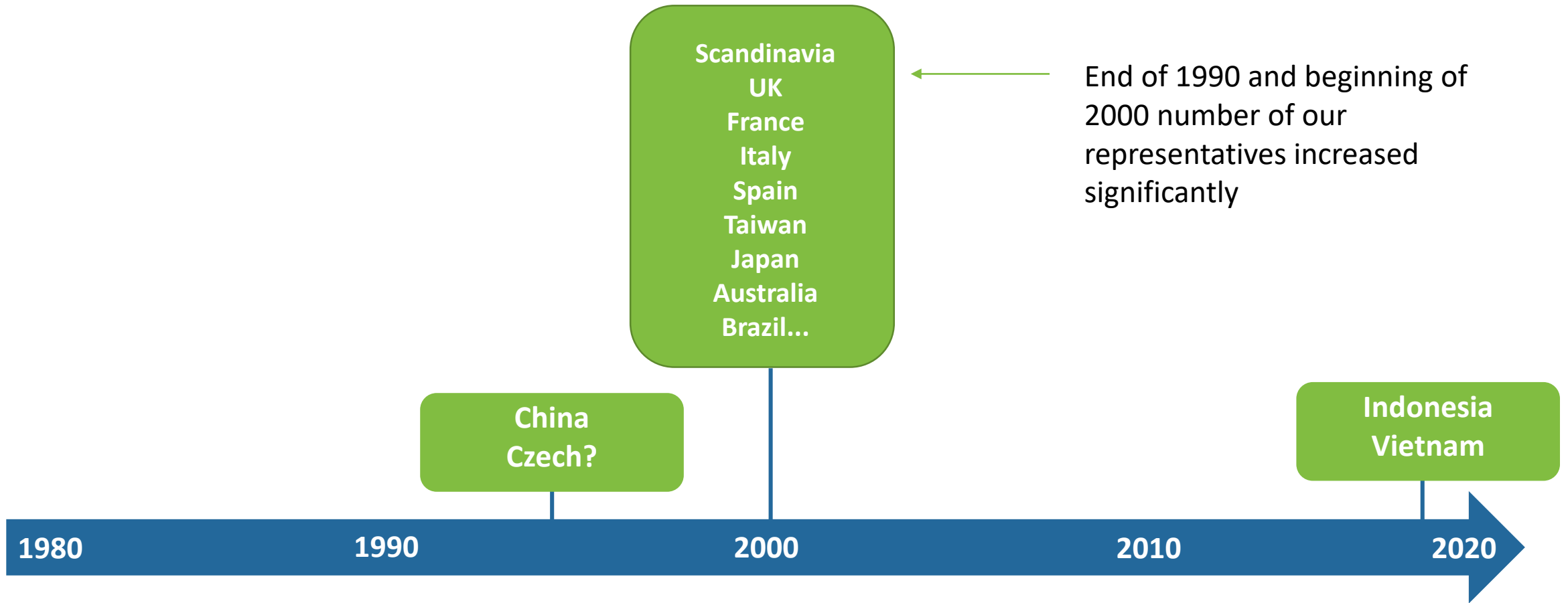
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# Stresstech







## Key elements of the international growth

- Co-operation with Universities
- Being present in different conferences, seminars and events
- Key account management
- Branding – communication and visual strategy
- Search engine optimization -> contact request increased 400% in three years
- Being a pioneer



*Measure for success*

