



**EXPERTS
IN BEARING
SOLUTIONS**





Spanish-Austrian multinational **manufacturer** of bearings



Experts in bearing solutions for **Commercial vehicles** and **industrial markets**



Strategic supplier to global **OEMs & TIER 1** manufacturers



Worldwide distribution of AFM-MRO markets



Local facilities in Austria, Brazil, Spain and USA



2 brands:



For **automotive** markets



For **industrial** markets





508
EMPLOYEES



4,2%
F&E
INVESTMENT*

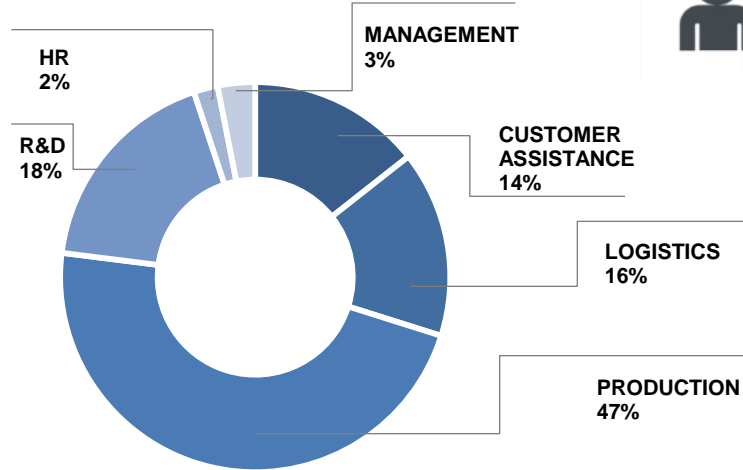


10%
INTERNET OF THINGS
INVESTMENT**



**1 Fersa Bearing/
10"**

OUR TEAM

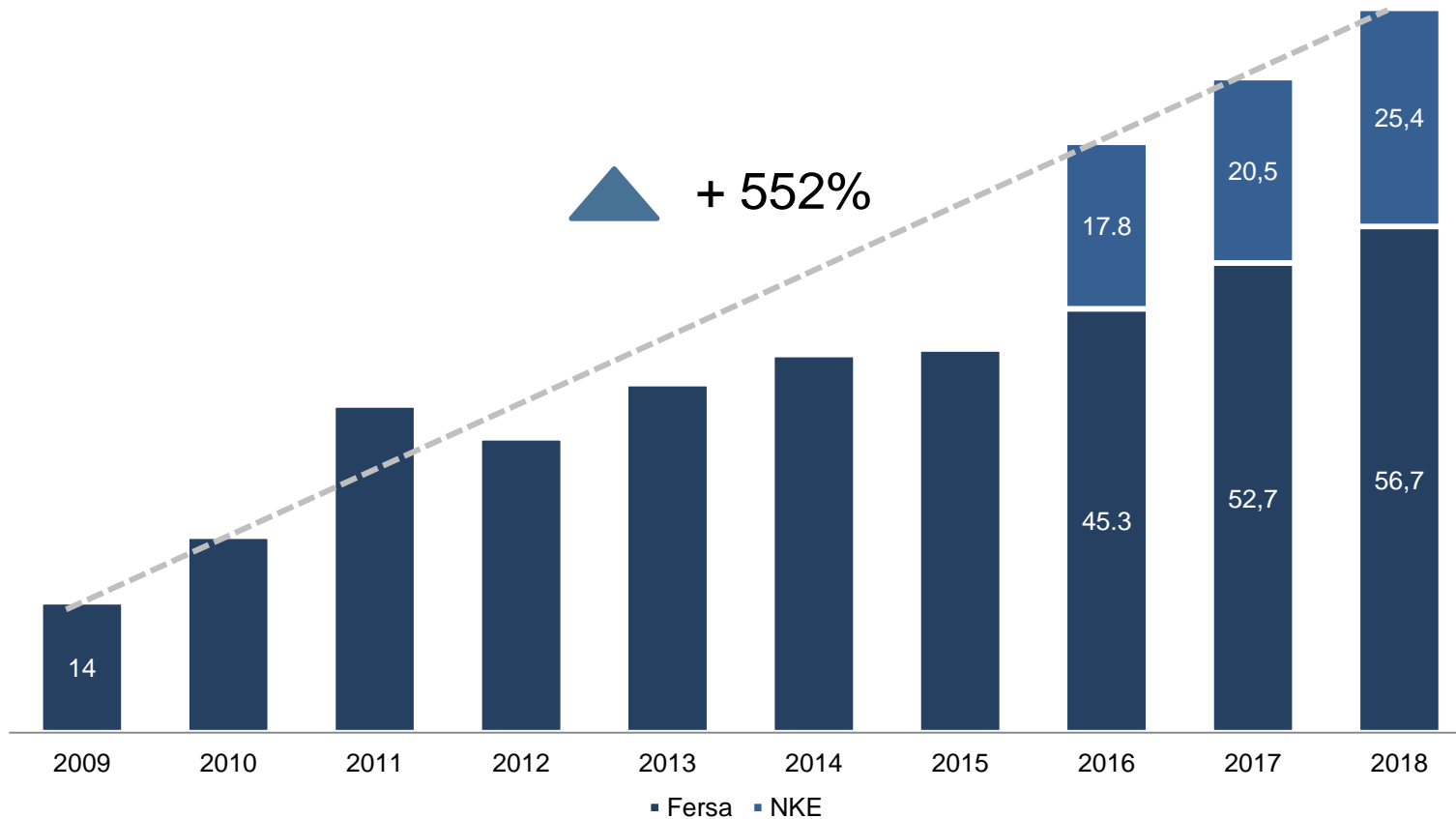


Manufacture 4.0

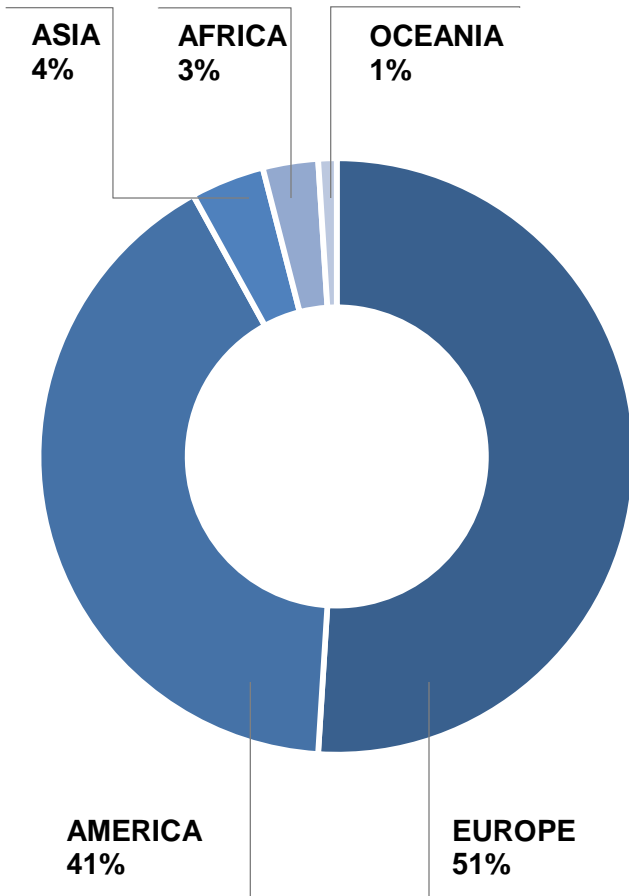
EU-funded project, STREAM-0D

(Real-time simulation to eliminate defects in the production process)

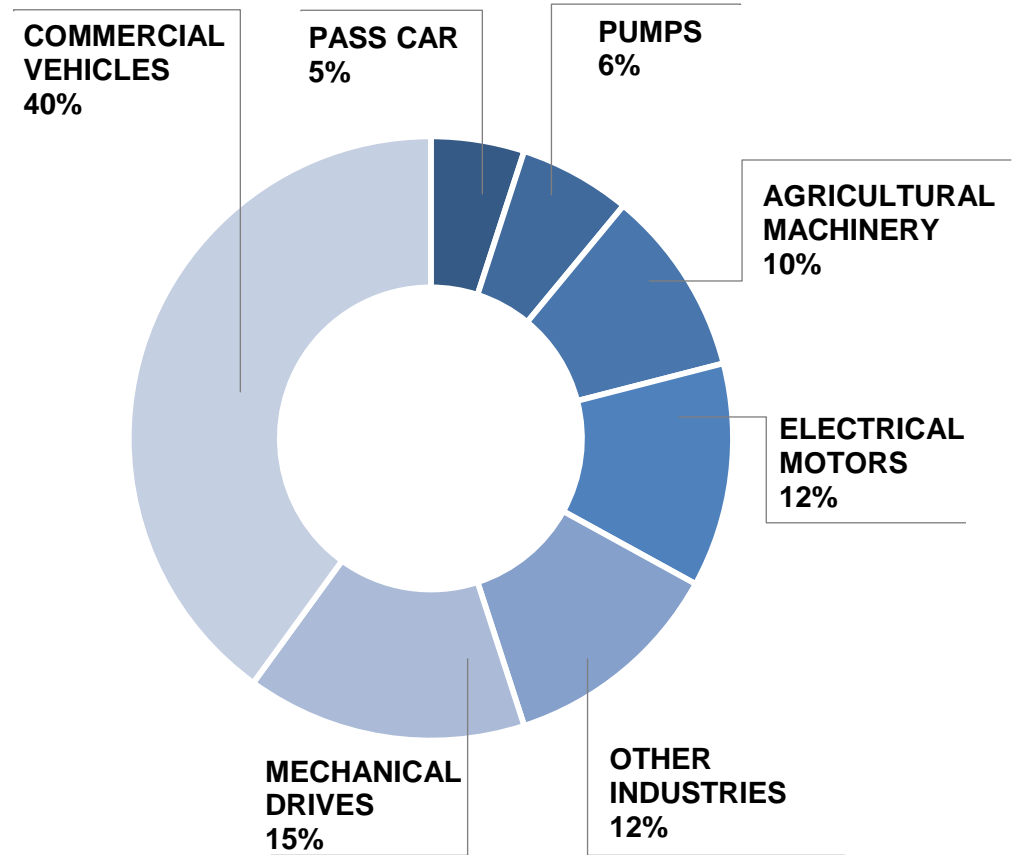
Every 10 seconds of every day, a bearing from Fersa is mounted by an OEM/TIER 1 at their production lines of axles, transmission or wheel ends.



PER CONTINENT



PER SECTOR







- Lean Manufacturing
- 4.0 manufacturing technology
- State-of-the-art plant in Steyr
- Full traceability
(during and after the production process)
- 50% capacity increase in 2016





**HIGHEST QUALITY
STANDARDS**



- ISO 9001, ISO 14001, ISO TS 16949, OSHAS 18001
- Austria Quality Seal
- Strong SQD Team
- Dedicated engineer at Tier 1 plants (*)



SUPPLIER QUALITY

Working only with the best

- Centralized Supplier Quality and development division



PROCESS QUALITY

Accurate, on-time production

- Integrated manufacturing process controls



OEM-QUALITY PRODUCTS

- Best in class metrology and metallography labs



R&D CENTERS

ZARAGOZA, SPAIN
STEYR, AUSTRIA

Complete engineering loop and testing.

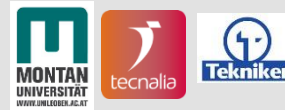
- Offices, design areas, prototype workshop, showroom and training room.
- Laboratories, testing and functional validation.
- 30 dedicated engineers from the group



NETWORK OF KNOWLEDGE SHARING PARTNERS

(25 external engineers)

ADVANCED MATERIALS
& ENGINEERING



POLYMERS
DEVELOPMENTS



FEA &
SIMULATIONS



TRIBOLOGY
&
SURFACE ENGINEERING

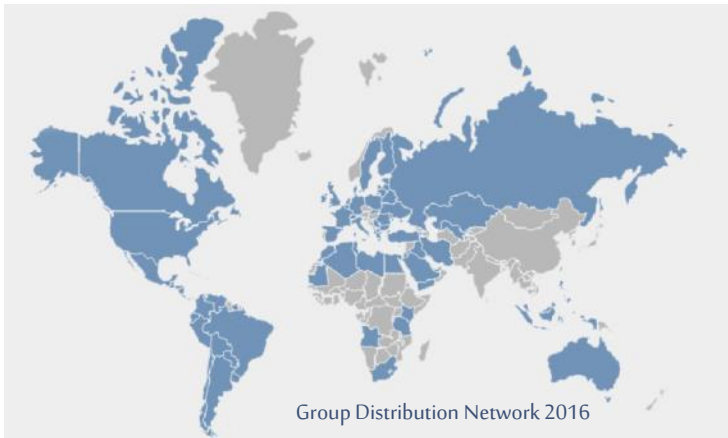


COATINGS



LUBRICATION





- Flexibility and fast response
- OEM project support
- Optimale WCS and space utilization.
- More than 600 distributors worldwide



AUSTRIA – STEYR
 NKE headquarters
 R&D, manufacturing & logistics center



- Established in 1996
- Part of Fersa Group since 2016
- 120 employee
- 22 million Euro annual sales
- 12 international sales offices
- 240 distribution partners



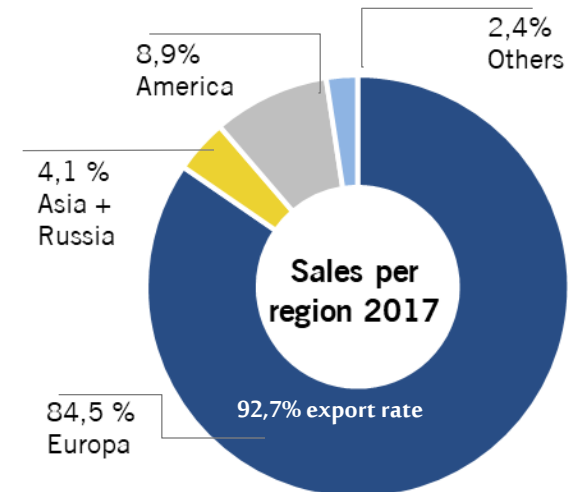
Manufacturing process

- 2 Manufacturing lines
- 1 NEW Manufacturing line 2019
- Focused on medium-larger bearings' diameters
- Standard- and special bearings



Logistic

- Flexibility and fast response
- OEM project support
- 5000 SKUs





FLAT GRINDING

Machines: LODI, Italy



INTERNAL & EXTERNAL FINE HARD TURNING

Machines: Hembrug, Netherlands



INTERNAL & EXTERNAL CIRCULAR GRINDING

Machines: NOVA, Italy



HONING / SUPERFINISHING

Machines: SUPFINA, Germany

STANDARD
SOLUTION

quickly and easily available

- Comprehensive **General Catalogue** for technical production information
- **Stock range** – an extensive product line
 - Deep groove ball bearings
 - Cylindrical roller bearings
 - Tapered roller bearings
 - Angular contact ball bearings
 - Spherical roller bearings
 - Bearing units
- **Order-specific range** – products manufactured to order
- **Assembly range for stock and order-specific products** – modular component assembly with short leadtimes



**INDIVIDUAL
SOLUTIONS**
Developed after
your requirements
and specifications



Electrical drives (motors, generators)



Fluid technologies (pumps, compressors)



Mechanical drives



Agricultural machinery



Railway vehicles (traction motors)

AUSTRIA QUALITY



- Rigorous quality policy, extensive quality plans and complete quality documentation for each and every batch
- Advanced test and measuring equipment
- Audit systems (management system, process, product, supplier process)
- Austria Quality Seal



ISO 9001:2015
Quality management system



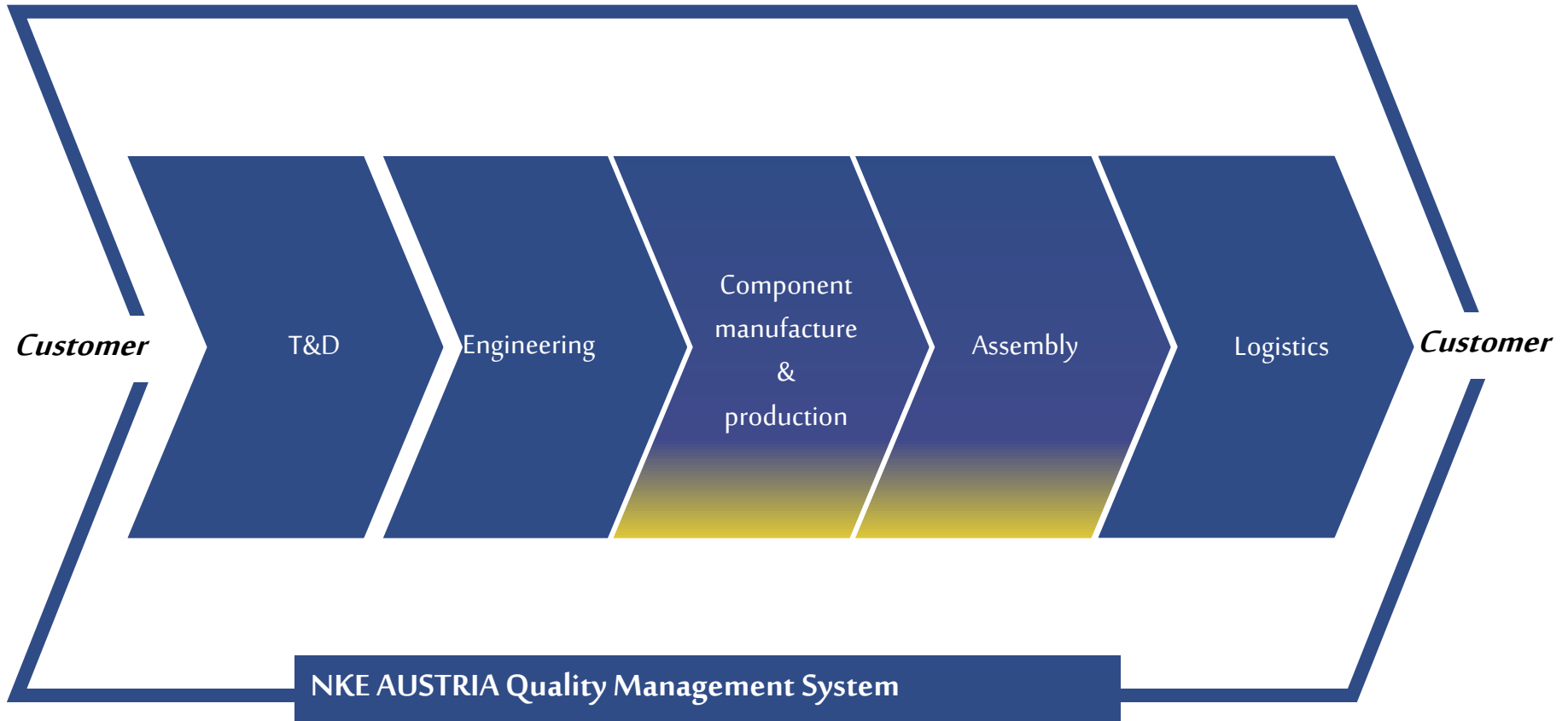
ISO 14001:2015
Environmental management system



OHSAS 18001:2007
Occupational health and safety



Austria Gütezeichen:
at least 50% of the value creation of products generated in Austria



■ At the site in Austria and Spain

■ At partners in Europa

MATERIAL



3D microscope InfnitFocus Alicona
25 to 1000x amplification



Spectrometer (chemical analysis)



Hardness testing

DIMENSION



Linear height



CNC-coordinate measurement



Shape and roughness
measurement



Measuring station for big bearings

- Height measurement,
- dimensions (FARO arm)
- Axial clearance (double row TRB)



Length measurement



Roundness instrument

FUNCTION



Vibration/noise test
(GP2)



Automatic vibration/noise test
(GP1)

MECH. DRIVE



ELECT. DRIVE



AGRI



FLUID



MATERIALS HANDLING



RAILWAY



WIND



MINING



CONSTRUCTION



METALL PRODUCTION



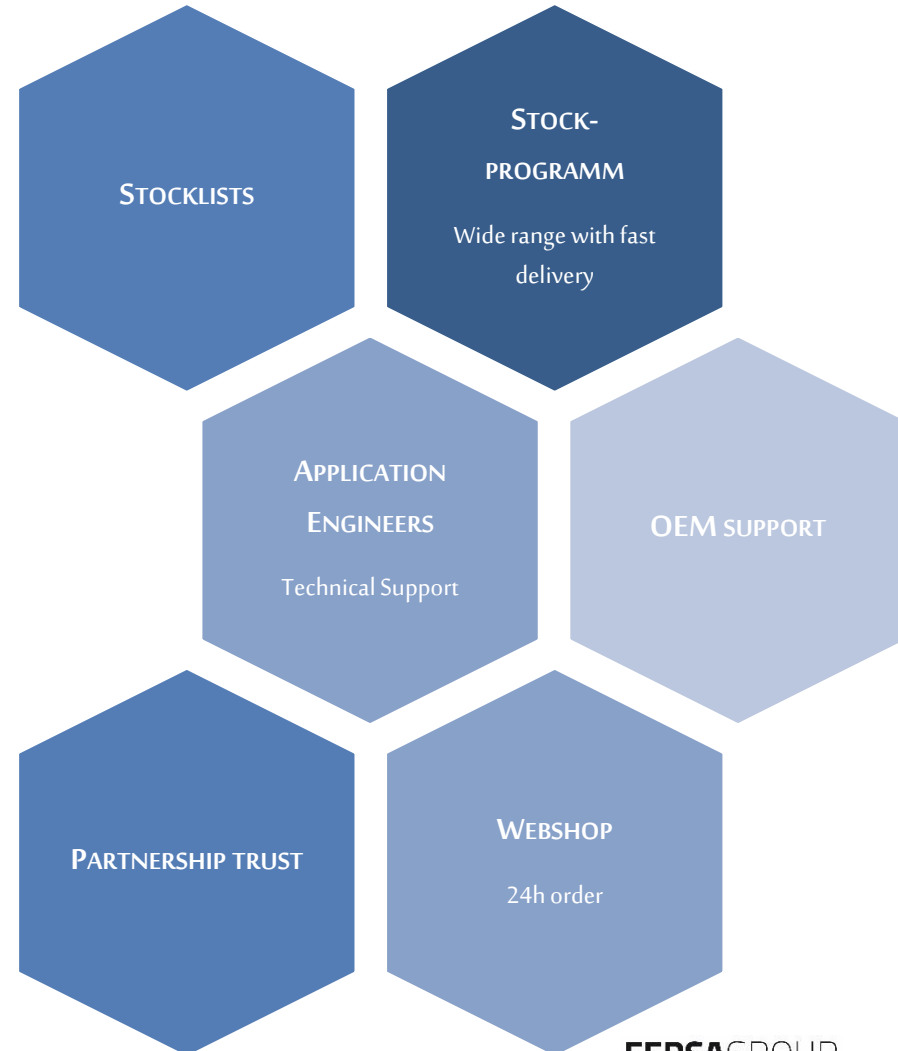
SQ77



WHERE RELIABILITY
MEETS FLEXIBILITY



MORE POSSIBILITIES FOR DISTRIBUTORS



- **Advertising and PR articles** in trade publications
- **Trade fair participation** e.g. Hannover Fair, Agritechnica,...
- **Internet-Marketing**
- **Marketing materials** to support your sales efforts:
 - Brochures and catalogues
 - Multi-Media presentations, video
 - Other printed materials
 - giveaways
- **Bearing College** (technical training)



WHERE WILL WE BE IN 2020?



YOUR EXPERT WITH KNOW-HOW

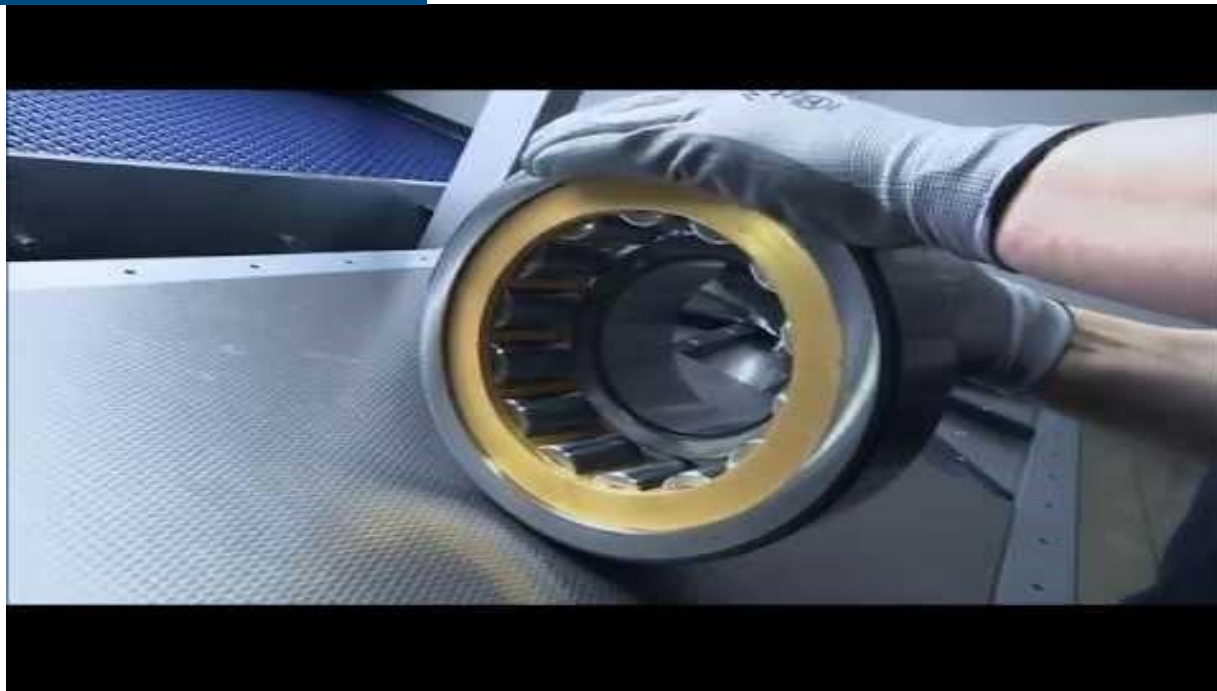
We are a credible alternative in the “Premium Class” of bearing manufacturers and a specialist in selected product segments:

We develop and produce **high quality bearings** for a wide range of **industrial applications**.

WE CONVINCED THROUGH

- Quality
- Technical competence
- Flexibility and innovative solutions
- Reliability and professionalism
- State-of-the-Art manufacturing facilities
- Customer orientation

WE CREATE
THE FUTURE
TOGETHER





**EXPERTS
IN BEARING
SOLUTIONS**

