

# Digitizing Torque Revolutionising The Industry

**Experts in Magnostrictive Sensor Technology** 





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\*source: NCTE's own market research Financial outlooks reflect management estimates as of October 2025.

#### **AGENDA**

# **NCTE AT A GLANCE**

OUR TECHNOLOGY

MARKET AND APPLICATION

STRATEGY

INVESTMENT CASE





# NCTE AG - CONFIDENTIAL

# **NCTE AG AT A GLANCE**



#### **CONTACTLESS SENSORS**

based on inverse magnetostriction



#### **REVENUE CAGR**

12% between 2014 and 2023



#### **HEADQUARTERS**

**Oberhaching Munich** 



#### **COUNTLESS APPLICATIONS**

E-Bikes, Off-Highway, Motorsport, Automotive, E-Mobility, Medical, Aerospace, ...



#### **REVENUE**

4 Mio. EUR (2024)



#### **40 DEDICATED EMPLOYEES**

Highly specialized team with strong engineering focus.



**SCHAEFFLER** 



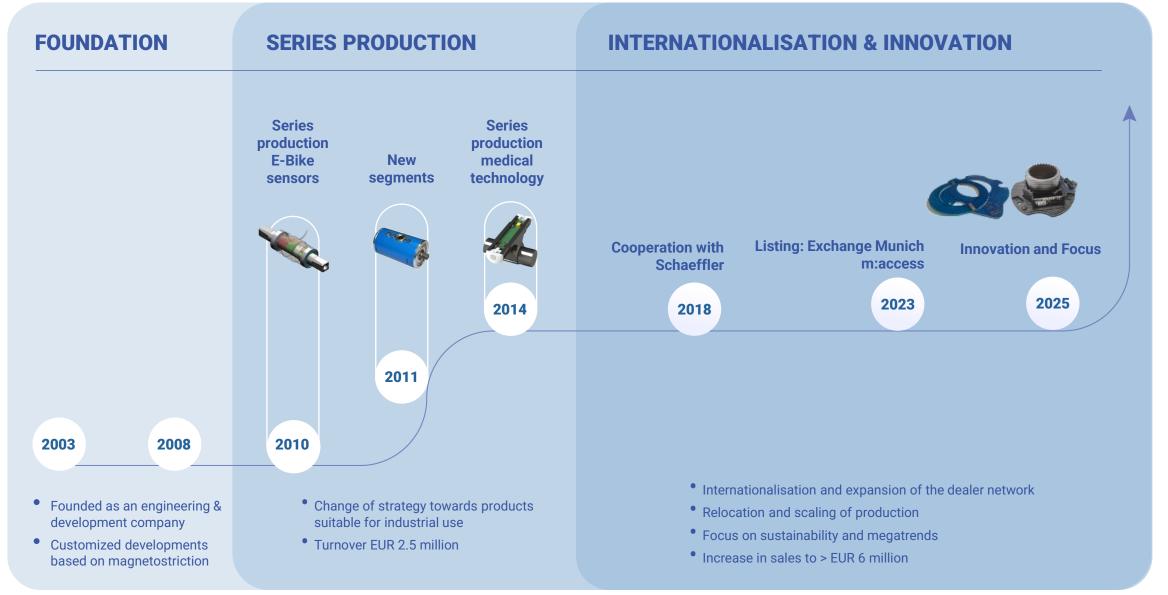














# **One Company. Many Strengths.**

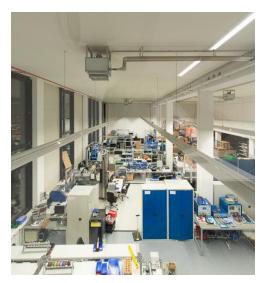
#### **Convincing technology**

- Sensors are easily scalable and can be produced efficiently
- Long-term stability even under the toughest conditions
- Development, prototyping and production under one roof
- Unique technology robust, contactless torque sensing for smart and data-driven machines
- Innovation-driven growth strong project pipeline across core and new applications











# NCTE is led by an experienced management team



CFO / acting CEO

**Sebastian Müller** 



Head of Program Management

**Daniel Röser** 



**Head of Sales** 

**Tobias Wiesenzarter** 

#### **Supervisory Board**



#### Günter Pröpster

- Managing Director
  Gulf One GmbH
- Dipl. Ing. Electr. Engineer and M.Sc. Comp. Science
- PE, Intl. M&A, Restructuring



#### Michael Dams

- Former Managing Director National Instruments (D)
- Dipl. Ing. Electrical Engineer
- Specialist for national and international sales



#### **Tobias Moers**

- CEO/CTO Piech Automotive
- Former: CEO Aston Martin, Mercedes AMG
- Dipl. Ing. Mech. Engineer



#### **Ziyad Omar**

- CEO Gulf One Capital
- MBA, Mathematics and Computer Science
- International M&A transactions



#### **AGENDA**

NCTE AT A GLANCE

# **OUR TECHNOLOGY**

MARKET AND APPLICATION

STRAGTEGY

INVESTMENT CASE

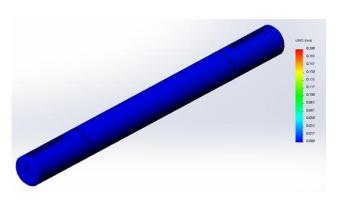


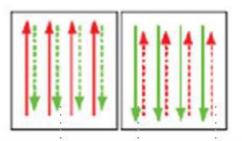
# THE CUSTOMER'S PART BECOMES THE PRIMARY SENSOR

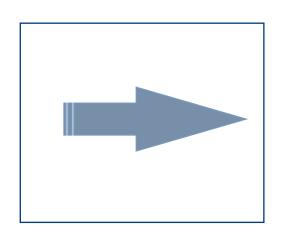
#### A CURRENT PULSE FOR LONG-TERM STABILITY

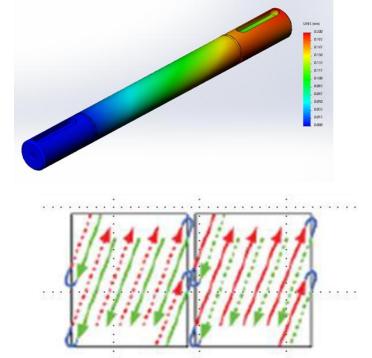
Magnetostriction refers to the deformation of magnetic materials under the influence of an external magnetic field (Joule magnetostriction 1847 / Villari effect).

NCTE sensors measure magnetic field changes in real time, contactless and wear-free.



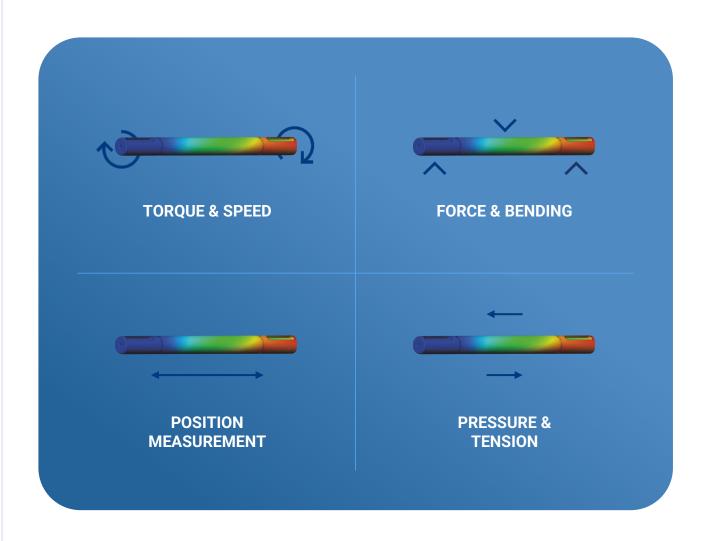








#### **OUR SENSOR TECHNOLOGY**



#### **ADVANTAGES**



NCTE's sensor technology is based on the physical effect of MAGNETOSTICTION



Forces acting on a workpiece alter its magnetic field; this change can be measured.



The forces can thus be derived directly from the change in a magnetic field that is specifically introduced into the workpiece using the technology developed by NCTE



NCTE owns around 20 patent families worldwide for this sensor technology



# **Our Sensor-Technology**

#### PROBLEMS WITH OTHER SOLUTIONS (e.g. strain gauge sensors)

Unsuitable for large-scale production as they must be physically attached to the workpiece

Wear and degradation of accuracy

Inherently slow

Sensitive to environmental conditions



#### **NCTE'S PROPRIETARY MAGNETOSTRICTIVE TECHNOLOGY**

Suitable for large-scale production, the workpiece itself becomes the primary sensor

Contactless, thereby no wear

Real time data

Unsurpassed robustness with stable accuracy and insensitive to environmental conditions, long-term reliability



#### **AGENDA**

NCTE AT A GLANCE

OUR TECHNOLOGY

# **MARKET AND APPLICATION**

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# Our business model: Make our customer's machines smarter







Off-Highway



Industry



Motorsport

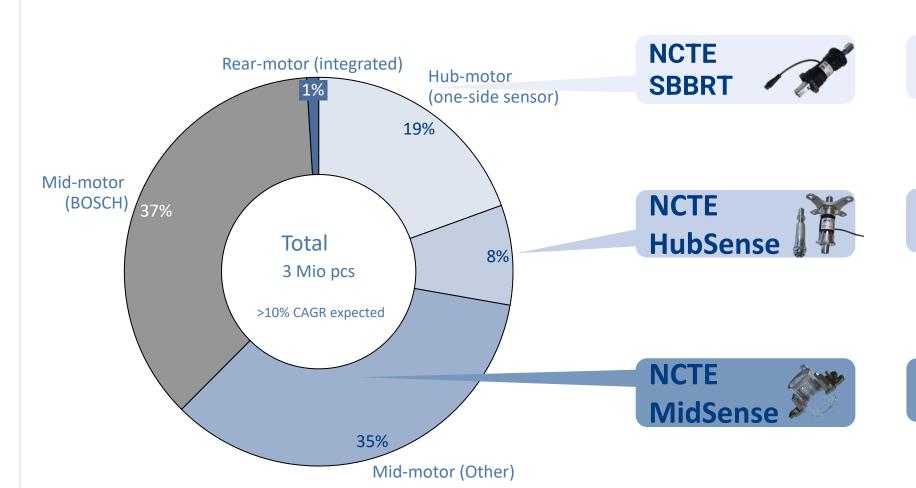


Medical





# **GO-TO-MARKET STRATEGY: Focus on High-Performance Solutions**



('000 units p.a., Europe)\*

**Total market:** 590' **Adressable Market:** 150' NCTE market share 2025 30' (20%)

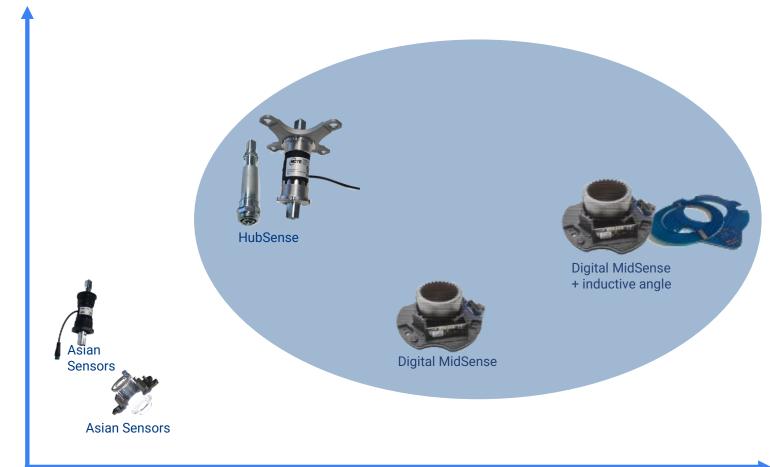
**Total market:** 260' **Adressable Market:** 50' NCTE market share 2025: 0

**Total market:** 1.100 **Adressable Market:** 200'

NCTE market share 2025 20' (10%)



# **GO-TO-MARKET STRATEGY: Focus on High-Performance Solutions**

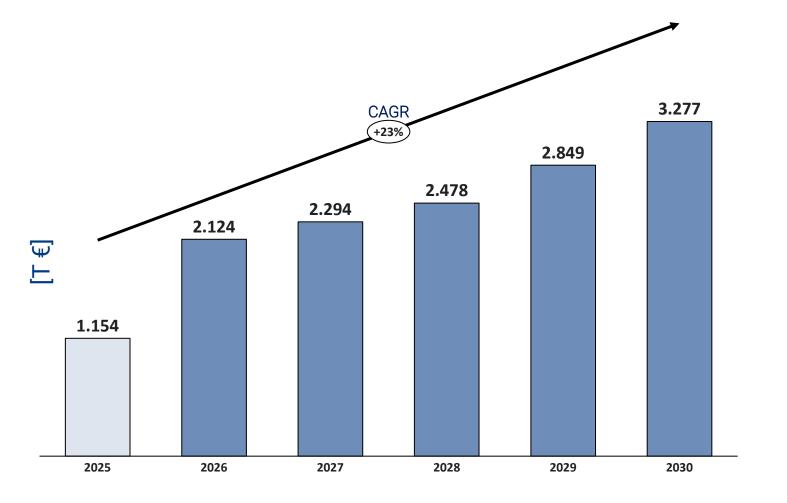


Price



#### E-BIKE: SALES DEVELOPMENT 2025 - 2030

**Market recovery expected mid-2026** 







# **OFF-HIGHWAY**

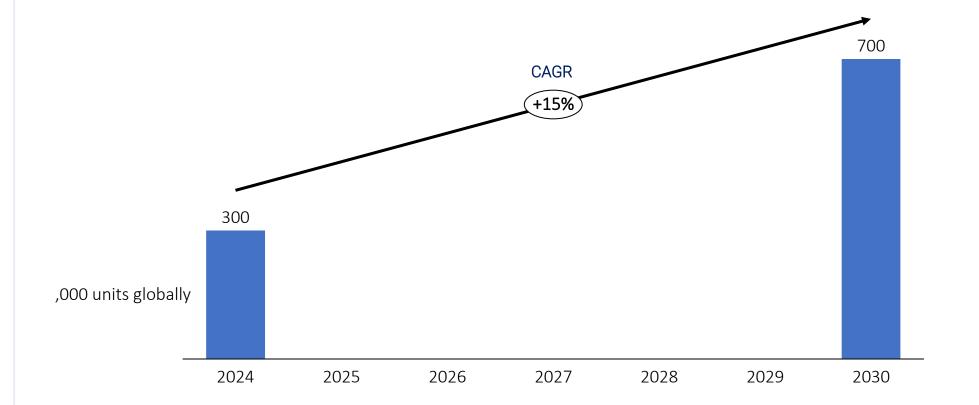


# **OFF-HIGHWAY: MARKET DEVELOPMENT 2026 - 2030\***

**Adressable Market:** 300'

**NCTE** market share:

16,' (5,3%)





#### **NCTE OFF-HIGHWAY PORTFOLIO: NEXT LEVEL PRECISION FARMING**

#### **Current application projects**

- Gear pump drive tractor
- Fertilizer spreader
- Climate chamber sensor
- Baler
- Seeddrill (load pin)
- PTO sensor

#### **Future application projects**

- Harvester
- Cutting tools
- Rotary harrows
- Driveshafts tractor
- Gearbox (transmission and diff. gears)
- Cardan shaft
- Hydraulics
- Planters
- Crawler tracks
- Pumps







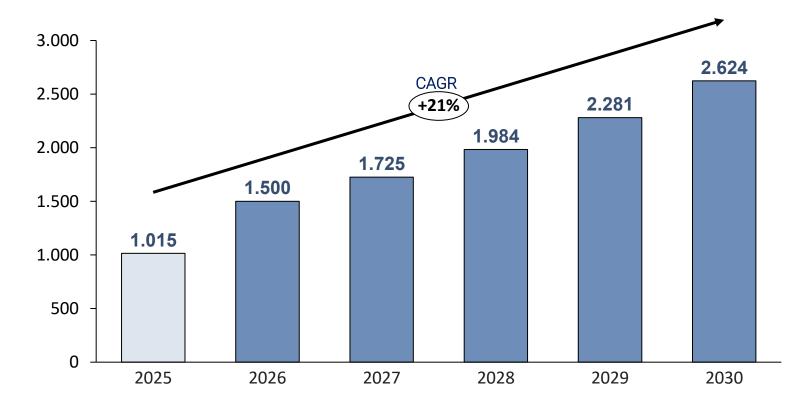






# **OFF-HIGHWAY: SALES DEVELOPMENT 2026 - 2030**

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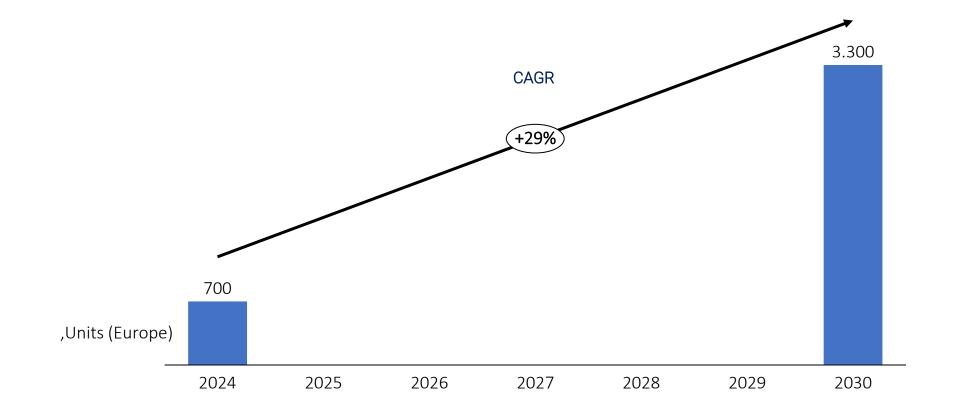






# **INDUSTRY: MARKET DEVELOPMENT 2026 - 2030\***

NCTE market share (Europe)\*: <1%





# **NCTE INDUSTRY APPLICATIONS**



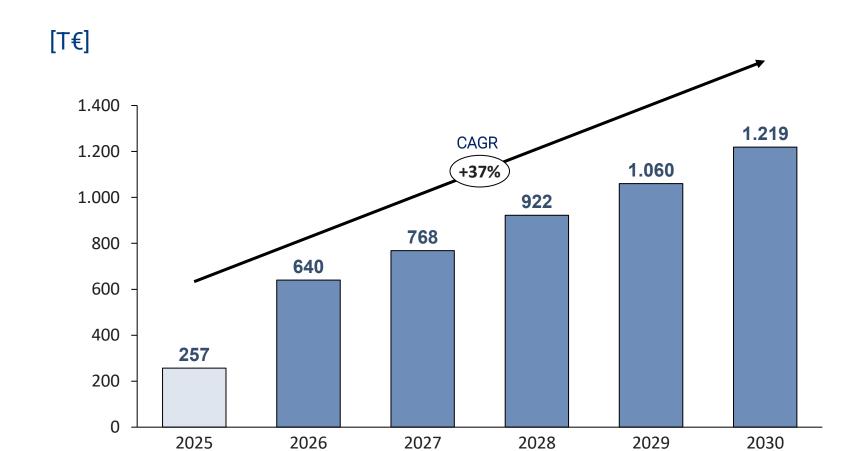








#### **INDUSTRY: SALES DEVELOPMENT 2026 - 2030**



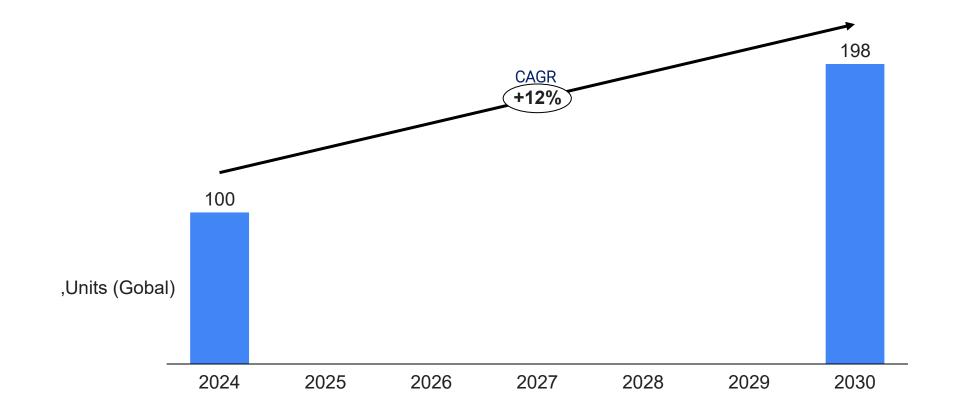
# MOTORSPORT





# **MOTORSPORT/AUTOMOTIVE TESTING: MARKET DEVELOPMENT** 2026 – 2030\*

NCTE market share (Europe)\*: <1%

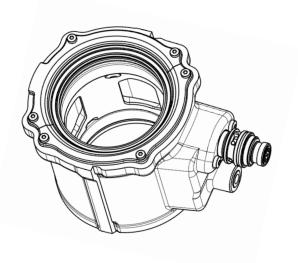






# **NCTE MOTORSPORT APPLICATIONS**

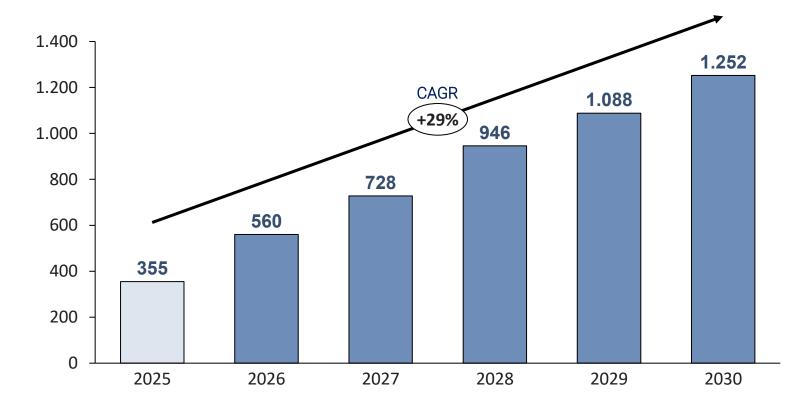






#### **MOTORSPORT: SALES DEVELOPMENT 2026 – 2030**

# [**T€**]:





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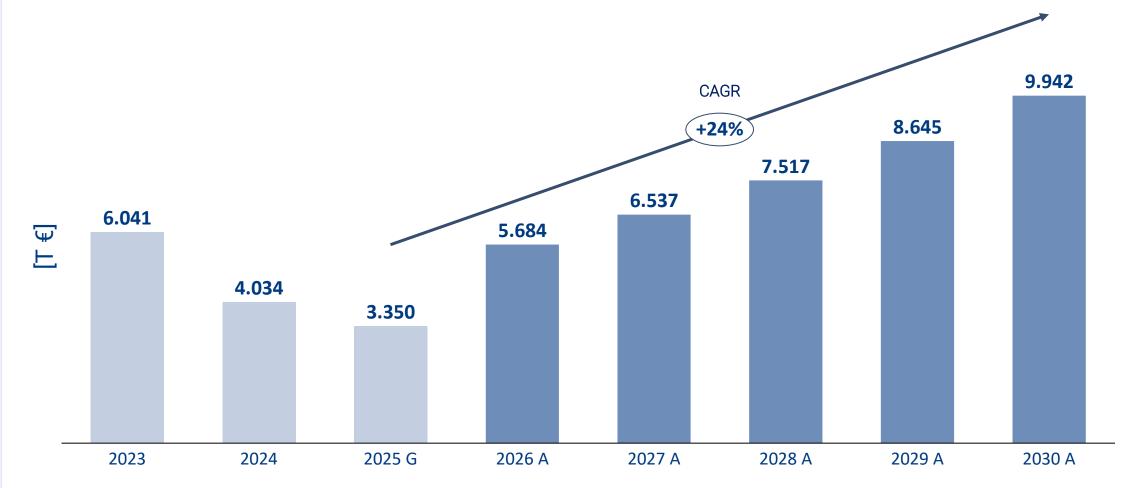


#### **STRATEGY**

- <u>E-Bike</u>: Strategic focus on high-performance solutions with target contribution margin >35%
- <u>Technology</u>: Strengthen communication on competitive advantage against strain gauges
- Growth and Profitability: New entry into highly profitable application e.g. Motorsports



# Sales Development 2023 – 2030





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**INVESTMENT CASE** 



# **Aktie**

**Grundkapital** 4,73 Mio. EUR

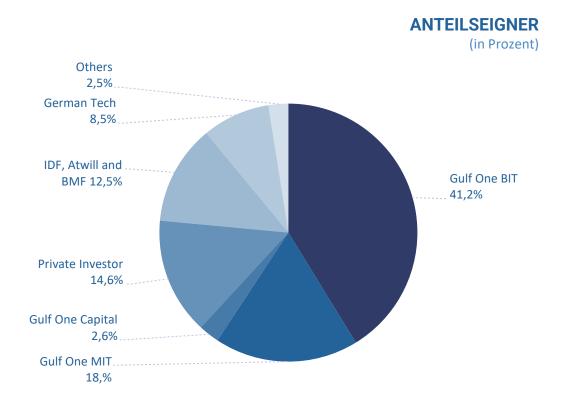
**WKN/ISIN** A0LEZB/ DE000A0LEZB2

Marktkapitalisierung 10,87 Mio. EUR

Kurs 2,3 EUR

**Stand** 10.10.2025







# Prüfung einer möglichen Kapitalerhöhung 2025

Art der Kapialmaßnahme	Barkapitalerhöhung mit Bezugsrecht und Mehrbezugsoption
Grundkapital	4,73 Mio. EUR
Aktienkurs	2,3 EUR
Bezugspreis	TBD
Anzahl der neuen Aktien	Bis zu 2,3 Mio. Stück
WKN/ISIN	A0LEZB/ DE000A0LEZB2
Marktkapitalisierung	10,87 Mio. EUR
Segment	Freiverkehr der Börse München (m:access)



# **Invest in Innovation Invest in NCTE**