

# **Business Strategy Meeting**

TDK Corporation Corporate Communications Group May 18, 2018

#### Attendees

#### President and CEO

Senior Executive Vice President

CEO of Electronic Components Business Company, in charge of Magnet Products

- Executive Vice President / General Manager of Corporate Strategy HQ
- Senior Vice President / General Manager of Finance & Accounting HQ
- CEO of Energy Solutions Business Company
- •GM of MEMS Sensors Business Group, Sensor Systems Business Company

Shigenao Ishiguro

Hiroyuki Uemura Seiji Osaka Tetsuji Yamanishi Fumio Sashida Behrooz Abdi





#### Presentation

Mid-Term Management Plan Shigenao Ishiguro Tetsuji Yamanishi Behrooz Abdi

•Q&A

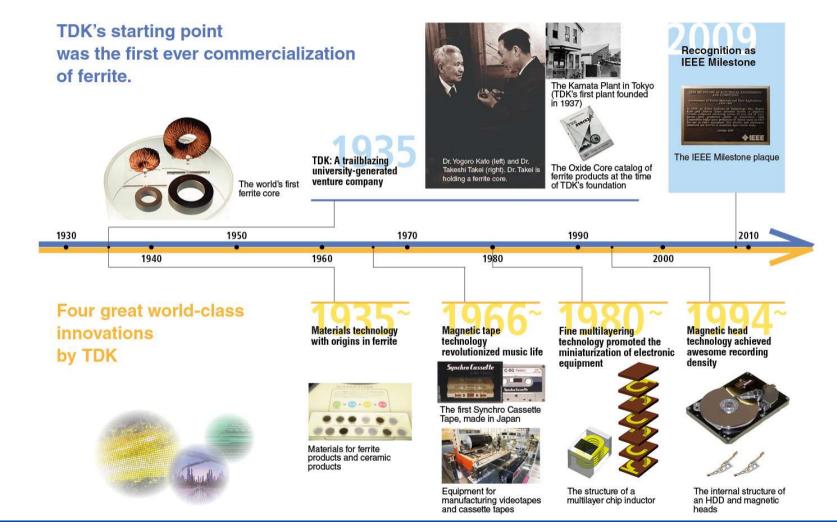
Attracting Tomorrow

# Mid-Term Management Plan (FY March 2019 - FY March 2021)

#### **Foundation & Innovation**

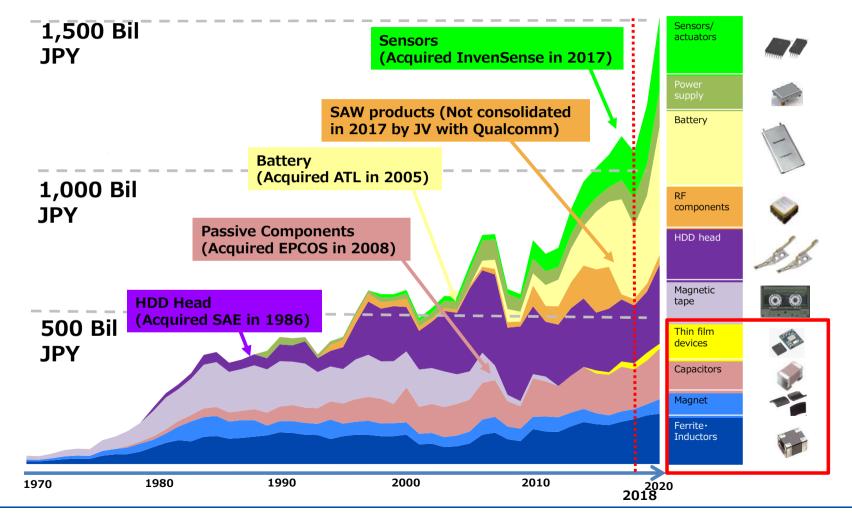
#### **Attracting Tomorrow**

#### **⊗TDK**



#### **TDK Business (Technology & Products) Transition**





**Business Strategy Meeting** 

## **Mid-Term Vision**

#### Attracting Tomorrow

# **⊗TDK**

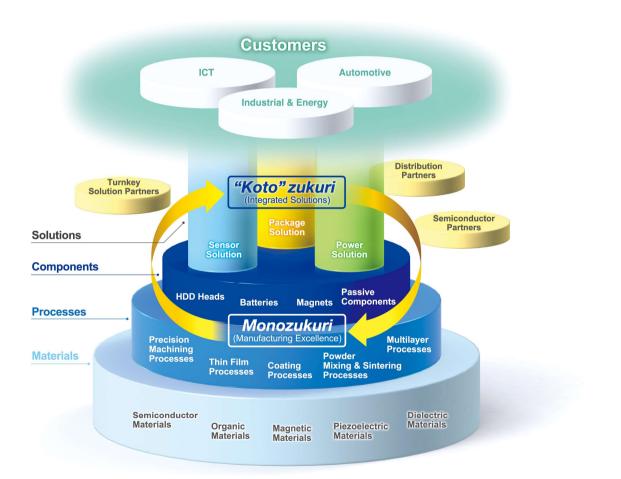
#### Medium Term Plan Basic Policy "Value Creation 2020"

Leap to new heights by providing market-needed solutions based on our electronic components business

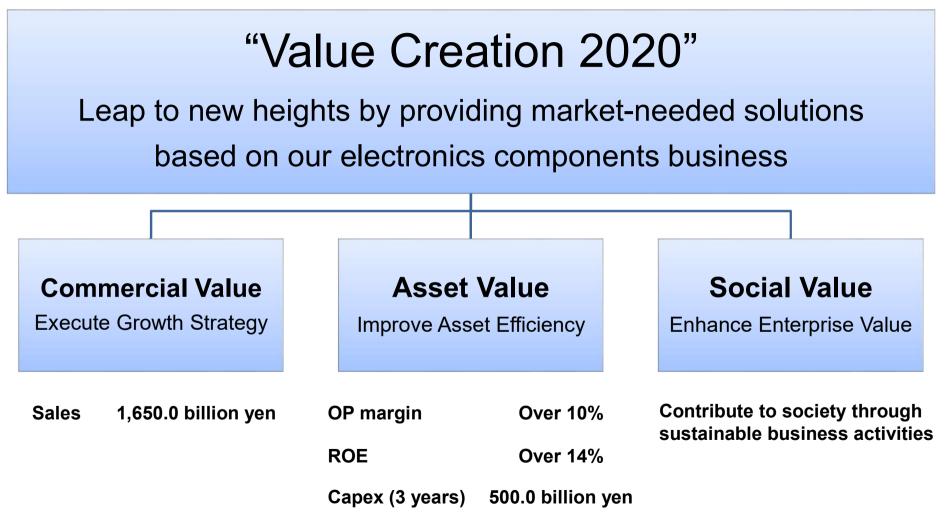
# **Commercial Value**

**Asset Value** 

**Social Value** 



#### **Corporate Strategy**



## Commercial Value Management Target in Mid-Term : Sales by Segment Attracting Tomorrow

(Yen billions)	FY March 2018 Results	FY March 2021 Target	CAGR
Net sales	1,271.7	1,650.0	9%

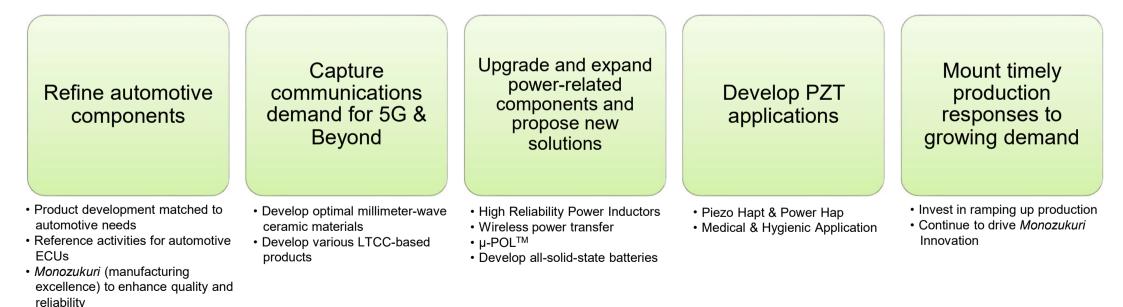
Segment	CAGR
Passive Components	7%
Sensor Application Products	35%
Magnetic Application Products	2%
Energy Application Products	8%

## Commercial Value Mid-Term Growth Strategy : Passive Components

Attracting Tomorrow

**公TDK** 

Achieve steady and sustainable growth by expanding targeted markets and applications



#### Commercial Value Mid-Term Growth Strategy : Sensor Application Products Attracting Tomorrow

Appropriately capture diversifying and growing sensing needs and grow this field into one of TDK's future core businesses

Steady expansion in Automotive Sensors

• Commence mass production of various TMR Sensor projects (including redundancy design products)

• Develop higher performance Hall Sensors (2D/3D sensors)

• Develop new applications of Temperature and Pressure Sensors

• Automotive applications of MEMS sensors (Accel/Gyro/ToF)

• Expansion in Sensors for consumer applications

- Develop higher performance 6D Sensors and expand the customer base
- Expand consumer applications of TMR Sensors

(CMA, e-Compass)

• Expand applications of MEMS Sensors (microphones, fingerprint recognition, gas detection)

Commercial Value Mid-Term Growth Strategy : Magnetic Application Products Attracting Tomorrow & TDK (HDD head & components)

Survive as the world's only specialized manufacturer in this field by supplying technologies catering to the needs of the era of large-capacity storage

Contribution to attain higher density of HDD

• TAMR

MAMR

• µDSA

Application of Suspension technology

Additive Metal Deposition Components

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#### Commercial Value Mid-Term Growth Strategy : Magnetic Application Products Attracting Tomorrow & TDK (Magnets)

# Restore growth and profitability by steadily capturing growing demand for motors and generators

•Achieve the design, prototyping, and mass production of magnets that maximize the efficiency of motors and generators (shape, magnetization, material) Implement Monozukuri Innovation to realize TDK's Arubeki-Sugata (ideal process) that will minimize losses

#### Commercial Value Mid-Term Growth Strategy : Energy Application Products Attracting Tomorrow

Provide high efficiency, high reliability power storage and power supply solutions through vertical integration of materials and components

#### Battery

• Develop the mini-cell market based on successes in the ICT (Information and Communication Technology) markets

• Apply materials technologies and develop the power cell market based on collaboration with a strategic partner.

#### Power supply solutions

• Address high-quality power supply solutions such as medical devices and robotics

• Expand programmable power supply and bidirectional power supply solutions

• Launch the EV power supply business targeting fullfledged expansion of the EV market

• Pursue smaller, lighter and higher efficiency Automotive Power Supplies

# Commercial Value Mid-Term Growth Strategy : Other (CMA)



# Restructure the camera module actuator business

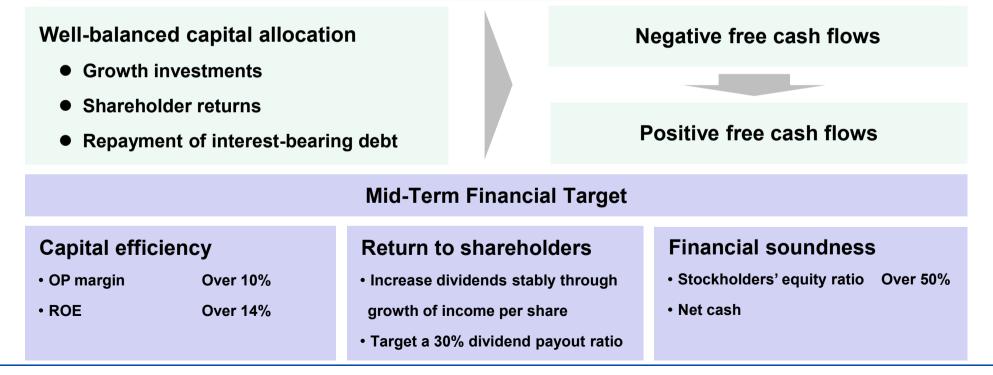
Apply TDK's unique technologies

⇒TMR Sensors, SMA, High-Precision Coils, Thin-Film Actuators

Shift from smartphone use to automotive use

# Asset Value Mid-Term Financial Strategy

- Steadily recover growth investments executed towards restructure the business earnings model
- Execute further growth investments based on a well-balanced capital allocation



# "Aiming for a sustainable society and enterprise"

- TDK will realize greater happiness and well-being in society through cutting-edge technologies
- TDK will effectively utilize finite resources
- TDK will be a global and diversified enterprise

#### **Corporate Motto & Principles**

**会TDK Attracting Tomorrow** 

Vision Courage Trust

Corporate Motto Contribute to culture and industry through creativity

