We are narrowing down our forecasts of future society, revising them through PEST (political, economic, social, and techno-

logical) analysis, using social changes as of 2030 as a key theme. In accordance with this theme, we have analyzed risks and

opportunities and identified key initiatives for DENSO moving forward. We will work to gain an accurate understanding of the

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outlook for the CASE revolution and changes in the mobility society, and thoroughly examine whether or not these changes

Awareness of Business Environment

Amid the ever-increasing global population, aging societies, and advancing urbanization, the progression of global warming and the increase in traffic accidents are becoming serious social issues. In addition, people's values are diversifying and these issues are becoming increasingly more complex as a result of the digitalization of society and the advancements in intelligent robotics, a change in outlooks since the COVID-19 pandemic, and rising geopolitical risks. Further, the mobility field faces numerous tasks, such as achieving carbon neutrality, reducing traffic accidents, and easing traffic congestion. In tandem with the evolution of the IoT and AI, advances are being made in implementing new solutions that help accomplish these tasks, including vehicle electrification, automated driving, and connected driving.

Going forward, we will continue to pursue the resolution of social issues while accurately assessing and responding to risks and opportunities related to these various social changes.

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Forecasts of Future Society

Politics

• Tightening supply-demand situation for energy across the globe and the shift from low carbon to

Acceleration of international cooperation to respond to climate change in light of

the urgent need to address global warming Necessity of promoting renewable energy and a hydrogen-based society · Restrictions on power generated from fossil fuels and internal combustion engines \cdot Establishment of laws to control adverse impacts on the environment and human rights throughout the entire supply chain

 Intensifying division and confrontation due to differences in political structures (trade, technologies, human rights, etc.) · Rising geopolitical risks ...234

Economy

 Declining economies in advanced countries, rise in prominence of emerging countries, and global multi-polarization . (2)(3)(4) • Rise in nationalism due to growing regional disparities ··· ...(3)(4 • Establishment of economic blocs advantageous to individual countries and

Society -(1)(2)(3)(4) Aging populations around the world, declining workforces, acceleration of growth in life expectancies ..(2)(3)(4 • Urbanization in emerging countries, acceleration of urban regeneration due to the shift to smart and compact devices, and an increase in logistics volumes Consumption behavior becoming more ethical and experience-based with the shift to the sharing economy

• Progression in the transition to labor offered by Al and robotics, changes in work ethic and Change in value systems related to social distancing and mobility

 \bullet Expansion of ESG investment and acceleration of divestment \cdots

Technology

 Integration of digital and physical domains due to the proliferation of IoT-related technologies unications and other devices) • Productivity enhancement and value chain integration through the use of big data ··

 Transition from the development phase to the phase of AI and quantum computer utilization and the versatile implementation of Al in manufacturing, finance, and services ··

· Accelerating shift to non-contact and full automation in various industries as a result of

Keywords for Social Changes by 2030

Shift toward a carbon-free society and a circular econom

2 Diversification of people's values and consumption behavi

3 Emergence of social issues

Risks and Opportunities

Response Measures to Risks and Opportunities

Regarding the risk of climate change, we believe there will be greater

opportunities for us to popularize our long-cultivated technologies for

fuel efficiency, low exhaust gas, and electrification around the world.

Also, particularly in Europe, expectations are increasing with respect to

initiatives for the creation of a recycling-based society. Through flexible

cooperation and competition with other companies, we aim to acceler-

ate the development of technologies for reducing CO₂ emissions and

realize the stable supply of such technologies on a global scale. At the

same time, we will help reduce CO₂ emissions across society through

and reuse CO_2 and the traceability technologies needed for resource

recycling. With a view to achieving a carbon-free society and a circular

economy, we will also strive to reduce and curtail CO2 emissions across

By swiftly responding to diversifying needs such as automated driving

increase the number of growth opportunities for DENSO. To respond to

and the provision of safe and comfortable vehicle interiors, we can

the risk of companies from other industries entering the automotive

industry, we are collaborating with other companies both inside and

outside the automotive industry to leverage our respective fields of

Monozukuri (manufacturing) capabilities. By doing so, we will invigorate

expertise while also strengthening our unique technological and

our supply chain and promote resource recycling.

the development of new technologies such as those that capture, store,

will have an impact on the key initiatives of DENSO.

Social Changes as of 2030 and Key Initiatives for DENSO

1 Shift toward a carbon-free society and a circular economy

 Tightening and acceleration of environmental regulations on the automotive industry
• Introduction and expansion of environmental taxation by

the governments in each country and region
• Increasing demand for the transition to carbon neutrality within the product production process

• Increasing needs for systems to respond to electrification and alternative fuel (e-fuel, hydrogen fuel, and biofuel) Heightened expectations for new technologies that contrib-Opportunities ute to carbon neutrality and resource recycling (capture,

gies that achieve solid energy-saving effects

storage, and reuse of CO₂ and traceability. etc.) Growing demand for highly efficient production technolo-

2 Diversification of people's values and consumption behavior

· Reduction in transportation as the customs of the new · Intensifying competition due to the increasing entry of IT companies in the automotive industry in response to the digitization of cars

· Heightened awareness of "peace of mind," leading to the diversification of technologies related to peace of mind and expansion in value systems (social distancing, privacy, disas-

Opportunities ter alerts, etc.) Rising need for added value due to the accelerating shift to

digital technologies and IT

Growing awareness of eco-friendly products

our development activities in new domains with a sense of speed.

3 Emergence of social issues

· Trend in turning away from automobiles due to the impact of social issues (increase in traffic accidents due to the declining birthrate and aging population, air pollution, worsening traffic congestion resulting from urbanization,

• Expansion of businesses that contribute to the resolution of social issues (growing needs for automated driving, the prevention of traffic accidents, food safety, electrification to address labor shortages, etc.)

Alongside the proliferation of material goods, social issues such as aging societies, the depopulation of rural areas, overcrowding of urban areas, and traffic congestion have become more severe. To resolve these issues, we will accelerate the development of technologies that help prevent accidents and eliminate traffic congestion. By leveraging the know-how we have cultivated through our Monozukuri activities, including in-vehicle, automation, and IoT know-how, we will strive to constantly develop technologies and create businesses in the non-automotive domain that help keep people safe and work to expand these technologies and businesses across the globe.

4 Structural changes and instability within the international community

Risks

· Revisions to business models (regulation response and supply chains) due to conflicts between countries and regions

 Rising threats toward DENSO's business management (military strikes, cyberattacks, etc.)

· Progressing expansion of new markets and business Opportunities partnerships with the aim of resolving social and

Against the backdrop of differences between political structures, the international community is becoming increasingly confrontational and factionalized in various fields, and we forecast that this will bring about dramatic change in our operating environment and increase business risks. To achieve stable business management under these circumstances, we are strengthening our governance and risk management systems so that we can respond flexibly to changes and risks.

Key Initiatives for DENSO

Maximizing the Value of Green and Peace of Mind to Be Inspiring

The rapid changes in society that will occur going forward, such as changing values and behavior, present a significant opportunity for a company such as DENSO, which has continued to refine technologies and gain experience in the mobility domain. With the aim of reducing our environmental burden and realizing a society without traffic accidents, we will actively promote the creation of a better mobility society with a view to achieving the goals of "lasting vitality for the environment" and "safe, comfortable, and flexible mobility for all people." Furthermore, we will leverage the technologies we have cultivated through automotive products, system development, and Monozukuri to offer peace of mind and safety not just in the mobility domain but to all people in society. By doing so, we will continue to create new value.





Reinforcing the Corporate Foundation That **Underpins Our Value Creation**

To flexibly resolve social issues, which are becoming more complex and diverse, we need to strengthen our risk management and other governance frameworks with the goal of minimizing the impacts of risk. It is also important that we cultivate professional human resources and establish a vibrant organizational culture. In these ways, we will support the creation of high-quality value at faster speeds by reinforcing our management foundation

