

### "Green" Strategy

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DENSO supports the Sustainable Development Goals (SDGs).





DENSO has promoted efforts to reduce CO<sub>2</sub> emissions throughout its business operations around the world.



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#### **Global Developments Related to Carbon Neutrality**



The global community has been shifting focus from "low" carbon  $\rightarrow$  "zero" carbon. DENSO will promote technology innovation and solve social issues through its business.



Carbon Neutral Society Envisioned by DENSO and Three Important Fields



Achieve carbon neutrality by taking full advantage of renewable energy and capturing and using CO<sub>2</sub>

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## Manufacturing

Efforts to achieve zero CO<sub>2</sub> emissions from factories



Basic Strategy for Carbon Neutrality in Manufacturing: "Change Energy and Manufacturing"

Goal 2025: Achieve carbon neutrality for electricity (use credits for gas) 2035: Achieve full carbon neutrality for manufacturing

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- Thoroughly accomplish energy conservation at factories to eliminate waste
- Secure renewable energy (including credits) and achieve carbon neutrality of energy purchased from outside
- Promote factory reorganization/innovation and promote carbon neutrality of gas



### **Carbon-Neutral Factory Initiative**



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## Mobility products

Development of diverse technologies for EVs, HVs, FCVs, and e-VTOL



#### **Basic Strategy for Mobility Products**



#### **Electric Vehicle System Strategy**



Offer a lineup of systems and products that cover a wide output range from small mobility vehicles to large trucks. The sales target for 2025 is 1 trillion yen.

#### Strategy for e-VTOL (air mobility)



Contribute to the environment through the air mobility revolution and create a new main business

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## Energy use

Development of technologies to capture and reuse CO<sub>2</sub>



#### Technology Development toward an Energy Cycle Society



Develop key technologies toward an energy cycle society



#### Efforts to "Store" CO<sub>2</sub>



#### Create a convenient, clean and comfortable society and lifestyles



#### **DENSO's Goal**

#### "Green" Aim to achieve carbon neutrality (zero CO<sub>2</sub> emissions) by 2035

	Goal	DENSO's activities Value proposition	Current attainment level	Target
(1) Manufacturing	Achieve zero CO <sub>2</sub> emissions from factories	<ul> <li>Conserve energy through production innovation and use renewable energy</li> <li>Introduce green energy</li> </ul>	Reduce CO <sub>2</sub> emissions 1.9 million ton from factories by 40% (from 2012 level)	Achieve zero CO <sub>2</sub> emissions from factories 2025: by using certificate and credits 2035: without using credits
(2) Mobility products (electrification)	Contribute to electrification of vehicles and minimize CO <sub>2</sub> emissions	<ul> <li>Contribute to the electrification field by offering systems/products (cover all fields: HEVs, BEVs, FCEVs, and e-VTOL)</li> </ul>	550 billion yen in revenue	1 trillion yen in revenue (2025)
(3) Energy use	Contribute to carbon neutrality of the entire society by capturing and reusing CO <sub>2</sub>	<ul> <li>CO<sub>2</sub> capture (use CO<sub>2</sub> as a renewable energy and material) Photosynthesis, CO<sub>2</sub> cycle at factories</li> </ul>	Start demonstration at the Anjo Plant	Social demonstration (2025) Commercialization (2030) 300 billion yen(2035)

DENSO's sustainability management: Solve social issues through business Business "Spread products and systems" × Solve social issues (environment) "Carbon neutral"



Create a convenient and carbon-neutral society by using DENSO's technologies

