

Released on November 11, 2024, in Kyoto, Japan

**Exhibition at the COP29 Virtual Japan Pavilion**

**“Nidec’s initiatives towards the creation of sustainable circular society that realizes highly efficient energy conversion”**

Nidec Corporation ("Nidec") will participate in the virtual exhibition of the Japan Pavilion at the 29th Conference of the Parties to the United Nations Framework Convention on Climate Change (COP29), which will be held in Baku, Azerbaijan, from November 11 to November 22, 2024.

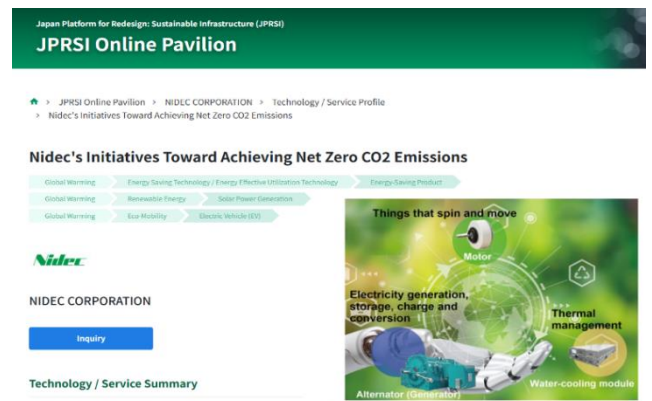
COP29 is a United Nations conference to discuss climate change issues around the world. The venue will have pavilions from countries and organizations, each presenting their sustainability initiatives. Nidec will showcase our initiatives towards achieving net zero CO2 emissions, and our products and technologies that contribute to decarbonization.

**Exhibition Overview**

1. Nidec’s initiatives towards the creation of sustainable circular society that realizes highly efficient energy conversion
2. Introduction of Nidec's products and solutions that contribute to decarbonization
  - 1) Base of AI Society: "Thermal management" technology using water-cooled modules
  - 2) Sustainable Infrastructure and Energy: Power conversion technology for Battery Energy Storage Systems (BESS)
  - 3) Efficient Manufacturing: Energy-saving technology for vertical lathes
  - 4) Better Life: "IE5 compliant" high-efficiency synchronous reluctance motors
  - 5) Mobility Innovation: "Magnet-free" E-Axles



Nidec Booth in the virtual exhibition of the Japan



Nidec Exhibition Contents

Official Website COP29 Virtual Japan Pavilion  
Nidec booth

<https://jprsi.go.jp/en/cop29/showcase>  
<https://www.jprsi.go.jp/en/member/647>

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