

# Brown Bag Seminar

# No. 050

Recorded data will be uploaded

**Online  
(Zoom)**

Scan here for Registration

# 2022 5.25 (wed.) 12:10 ~ 12:50

12:10-12:15

◆ Introduction

12:15-12:40

◆ Seminar  
(Presentation)

12:40-12:50

◆ Q&amp;A

[https://temdec-med-kyushu-u-ac-jp.zoom.us/webinar/register/WN\\_o9\\_4SuL4SW2\\_8WvbNTujyw](https://temdec-med-kyushu-u-ac-jp.zoom.us/webinar/register/WN_o9_4SuL4SW2_8WvbNTujyw)

Supported by Kyushu University, Q-AOS &amp; TEMDEC

## International trends in electric vehicles and challenges for carbon neutrality

Chair: **Prof. Scott Valentine** (Research Promotion Director of Q-AOS)

### Professor **Kentaro YOSHIDA**

Kyushu University Platform of Inter/Transdisciplinary Energy Research



I will explain trends of the international electric vehicle market and policies. In the COVID-19 Era, a rapid EV shift occurred mainly in Europe, and growth was also seen in China and Korea, which exceeded that of Japan. Japan was technologically and market-leading country in electric and fuel cell vehicles, but is currently chased and overtaken. Decarbonization of electricity is important to achieve greenhouse gas reduction through the spread of electric vehicles. Unlike countries such as Norway and France, where decarbonized power sources exceed 90%, in Asian countries such as Japan, China and Korea, the proportion of coal and LNG thermal power is still high, and the greenhouse gas reduction effect of electric vehicles is limited. This is an opportunity for everyone to exchange opinions on the outlook for the global EV shift, while keeping in mind the latest situation and focusing on the social cost of automobiles.

I was appointed as a professor at the Platform of Inter-/Transdisciplinary Energy Research (Q-PIT) of Kyushu University in May 2018. Since April 2022, I have been a coordinator of the social design department, and I am also in charge of environment and energy studies at the School of Interdisciplinary Science and Innovation. After completing the master's course at the Graduate School of Agriculture, Hokkaido University, I started to work for the Ministry of Agriculture, Forestry and Fisheries (MAFF). At MAFF, I was a senior researcher at the National Research Institute of Agricultural Economics, an official of the planning division of Minister's Secretariat, a visiting scholar at Food & Agricultural Policy Research Institute (FAPRI), the University of Missouri-Columbia, USA, a senior researcher at the Policy Research Institute. I conducted research on economic evaluation of agricultural environment policy. I was an associate professor of the Graduate School of Systems and Information Engineering (urban planning), University of Tsukuba, and a professor of the Faculty of Environmental Sciences, Nagasaki University.

### Key Words

**"Electric vehicle"****"carbon neutrality"****"fuel cell vehicle"****"decarbonized electricity"**