

Keynote Speech

Ryo Iwahara

Mechanic, Presenter, Shikoku Machine Center,

Nishio Rent All Co., Ltd. Japan

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Education

-Bachelor of Arts in Thai Language and Culture for Foreigners, Mae Fah Luang University, Thailand

-Diploma, Department of Mechanical Engineering, National Institute of Technology, Kagawa College, Japan

Experience

-Mechanic, Nishio Rent All Co., Ltd. (2024-present)

Honor

-First Class Honors, Bachelor of Arts in Thai Language and Culture for Foreigners Mae fah luang University, Thailand

International Academic Activity

-Ryo Iwahara, “Language Strategies in Japanese Restaurant Advertisements in Thailand” The 1st National Academic Conference on Teaching Thai to Foreigners, Khon Kaen University, Thailand.

Information about Nishio Rent All Co., Ltd.

It is a great pleasure for us to support the 8th NIT-NUU Bilateral Academic Conference 2025 as a sponsor. Nishio Rent All is a comprehensive rental company that specializes in the rental and development of a wide range of products, including construction equipment and event supplies. Since beginning our rental operations in 1965, we have proudly contributed to society as a pioneer in the rental industry. Furthermore, over the past several years, we have collaborated with several National Institutes of Technology (NITs / KOSEN) through joint research projects, Global Camp, and sponsorship of solar car races—offering students valuable opportunities for hands-on learning. We also provide opportunities for them to explore advanced construction machinery equipped with cutting-edge technology.



"Case Studies of Academic Collaboration between Nishio Rent All Co., Ltd., KOSEN, and Overseas Universities"

Presenters: **Ryo Iwahara** (Mechanic), **Kosuke Uwai** (Chief Mechanic)
Shikoku sales department / Nishio Rent All Co., Ltd.



総合レンタル業のパイオニア
西尾レントオール株式会社
<http://www.nishio-rent.co.jp/>

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NISHIO

Do you know  **NISHIO** ?
What does our company do?



NISHIO is a "Rental company"

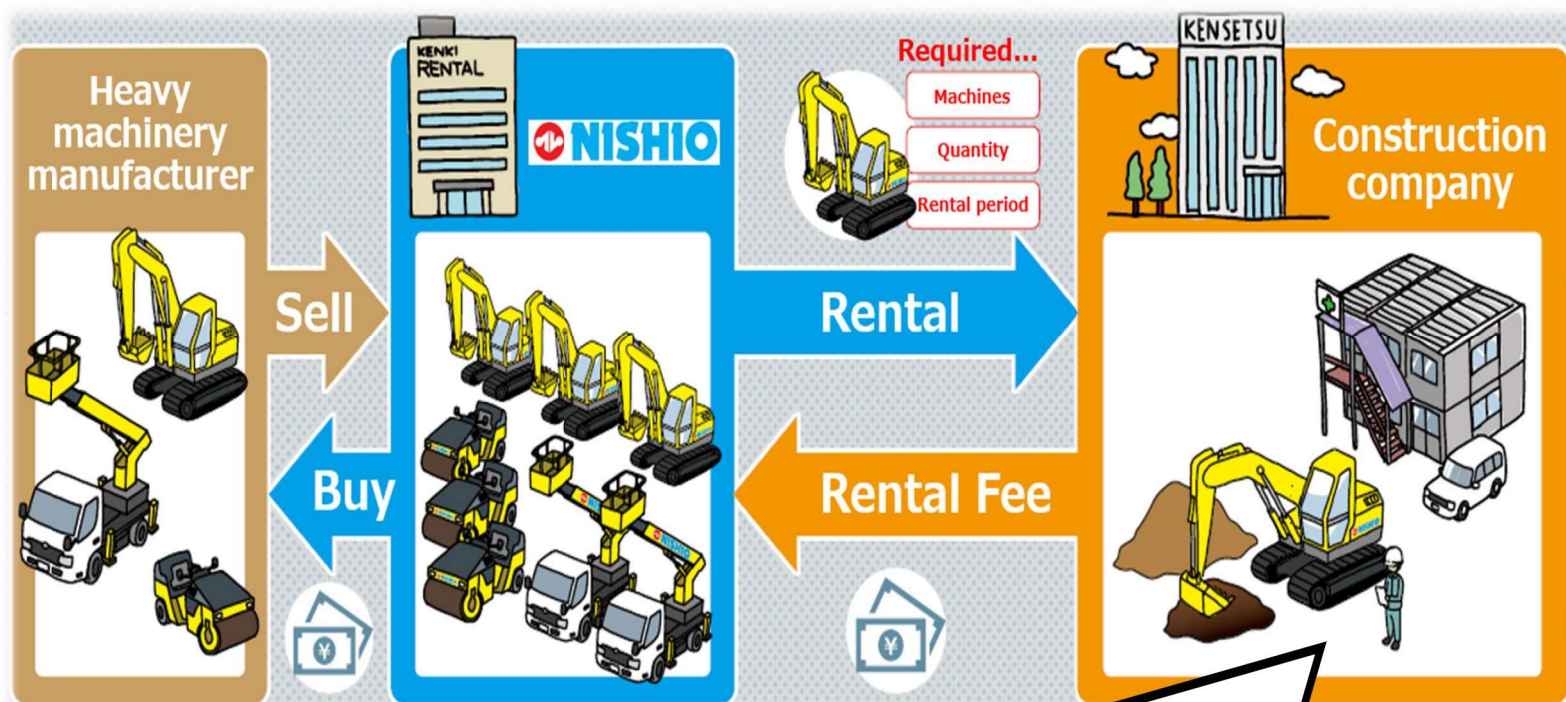
We can lend you almost anything!

Our main products are...

"Construction machinery" and "Event equipment"



"Business Model of Construction Equipment Rental"



60% Machines are rented from rental companies.

Why dose NISHIO focus on Rental service?

Events and construction projects require a large amount of equipment, but...



Price of equipment is expensive



Maintenance is needed



Not enough storage space

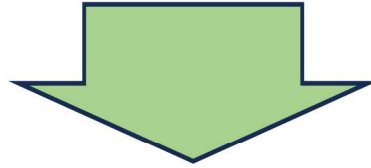


Customer

Owning a lot of equipment is
...**too difficult!!**

Rental service can solve these problems!!

"Rent what you need, only when you need it"



- Reduce wasteful and unnecessary production.
- Save customer's costs.



From ownership to sharing

The **strengths** of



NISHIO



Using **ICT** in construction

Information and **C**ommunication **T**echnology



NISHIO also offers **self-driving** and **unmanned machines** using ICT.

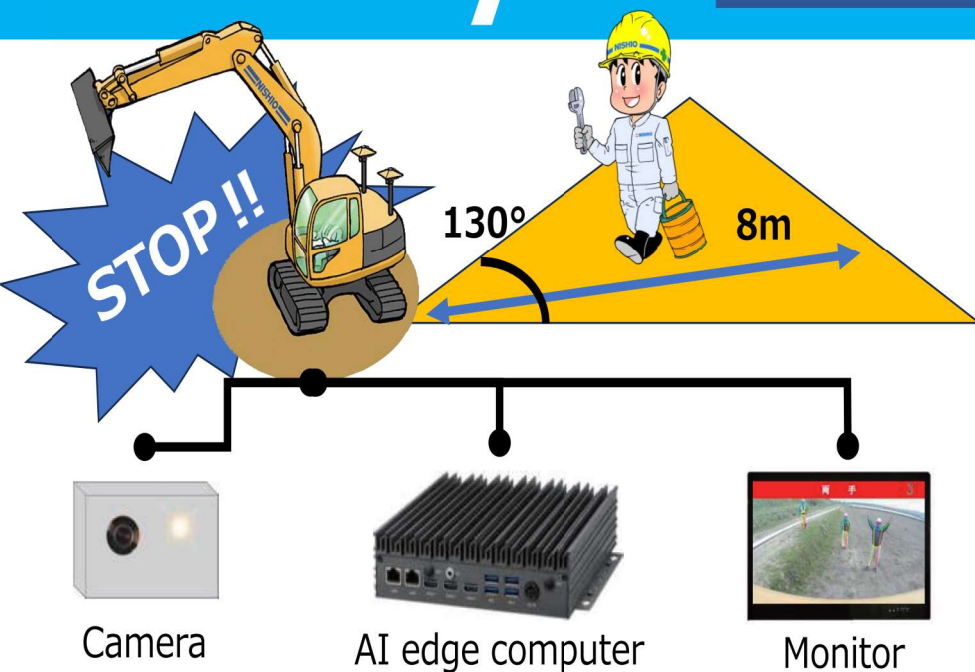
These technologies help address labor shortages and enable **high-quality construction** with **minimal training**.

Demonstration time!!



AI's eyes

Digital Communication system



It can detect gestures and alert the driver through AI system.



"Wooden module" by NISHIO



Timber

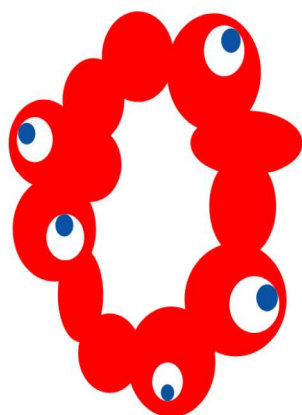
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Reuse

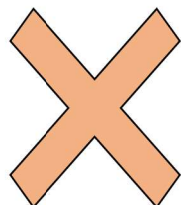


This is a **relocatable** and **reusable** wooden structure designed for temporary use. It is not only **durable** but also **easy to assemble**.

Collaboration between



OSAKA, KANSAI, JAPAN

EXPO
2025

By using

"Wooden module"

"Wooden module" by NISHIO

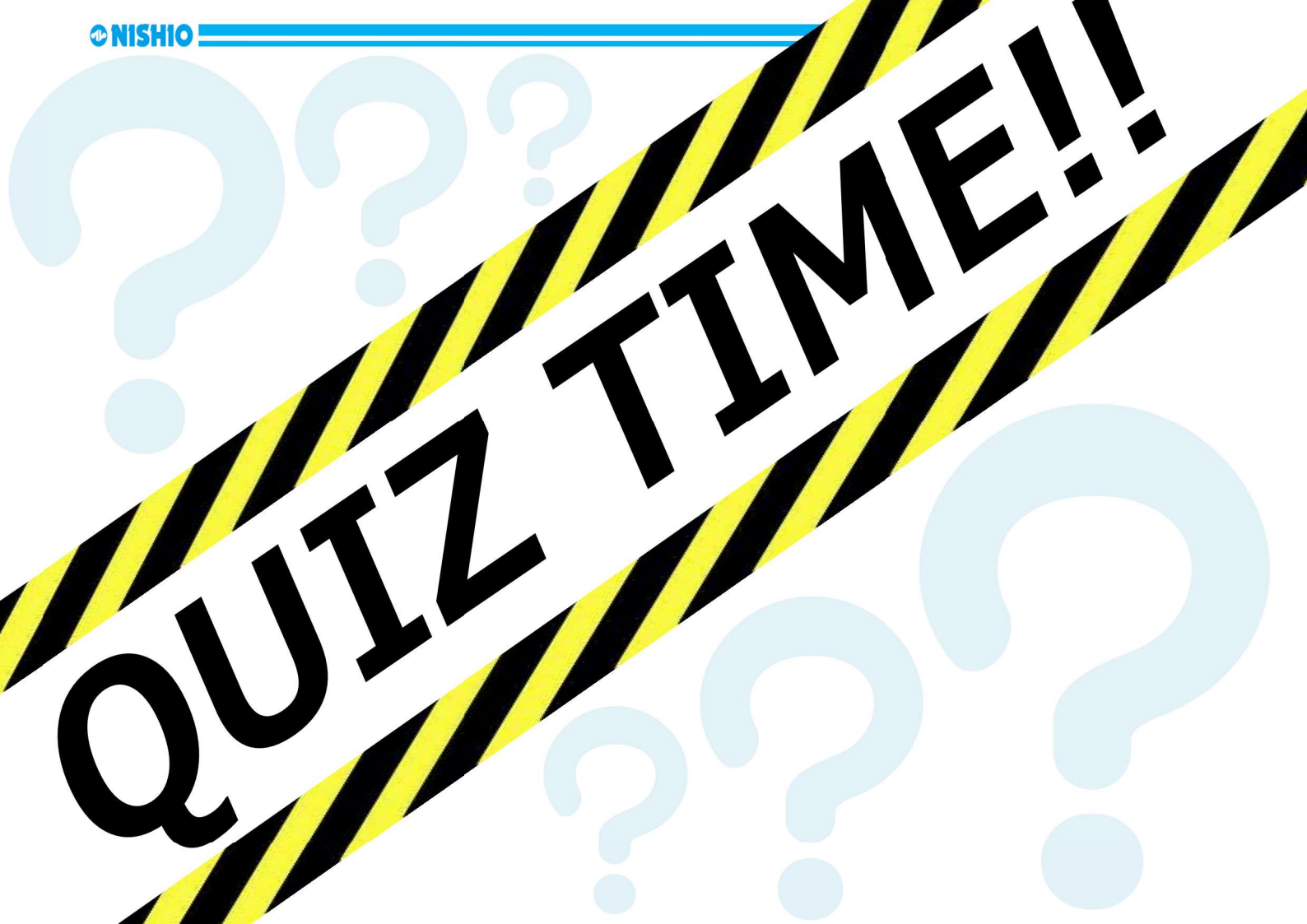
Italy pavilion



Philippines pavilion

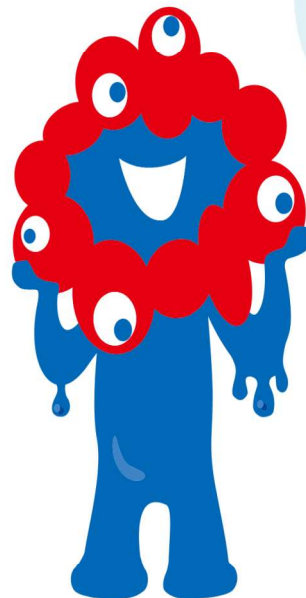


Our company joined the construction team and built the pavilion **using our own technologies.**



Question

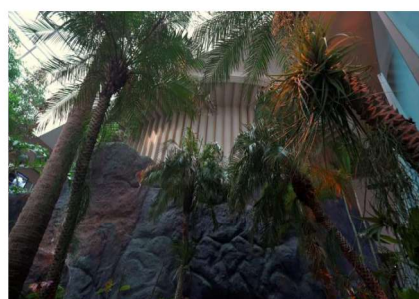
We built a wooden pavilion for another country. Can you guess which one?



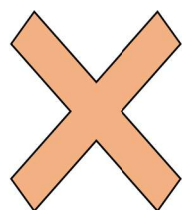
OSAKA, KANSAI, JAPAN

EXPO
2025

It's... Indonesia!!



Collaboration between



NISHIO

KOSEN (NIT)
国立高等専門学校機構

Sponsorship for solar car races



NIT Kagawa



NISHIO



We are supporting the organization of the "**Shirahama Eco-car Challenge**"



Collaborative research by



NIT Kochi



NISHIO



We are focusing on using ICT technology to find solutions to specific problems.

Global Camp by



NIT Kochi



NISHIO



As a sponsor of NIT, we support the operation of the Global Camp and provide opportunities for students to learn about heavy machinery.

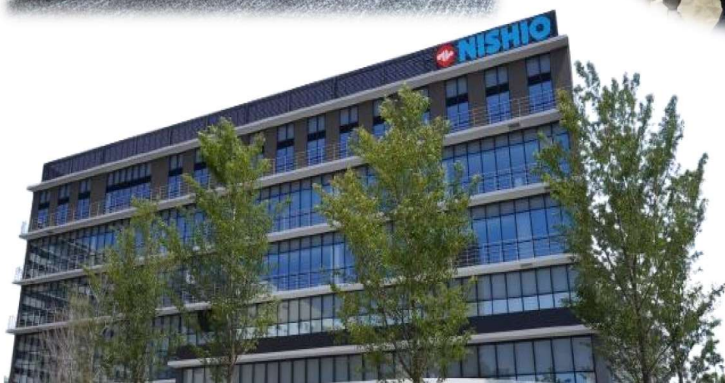
Global Camp by



NIT Kochi

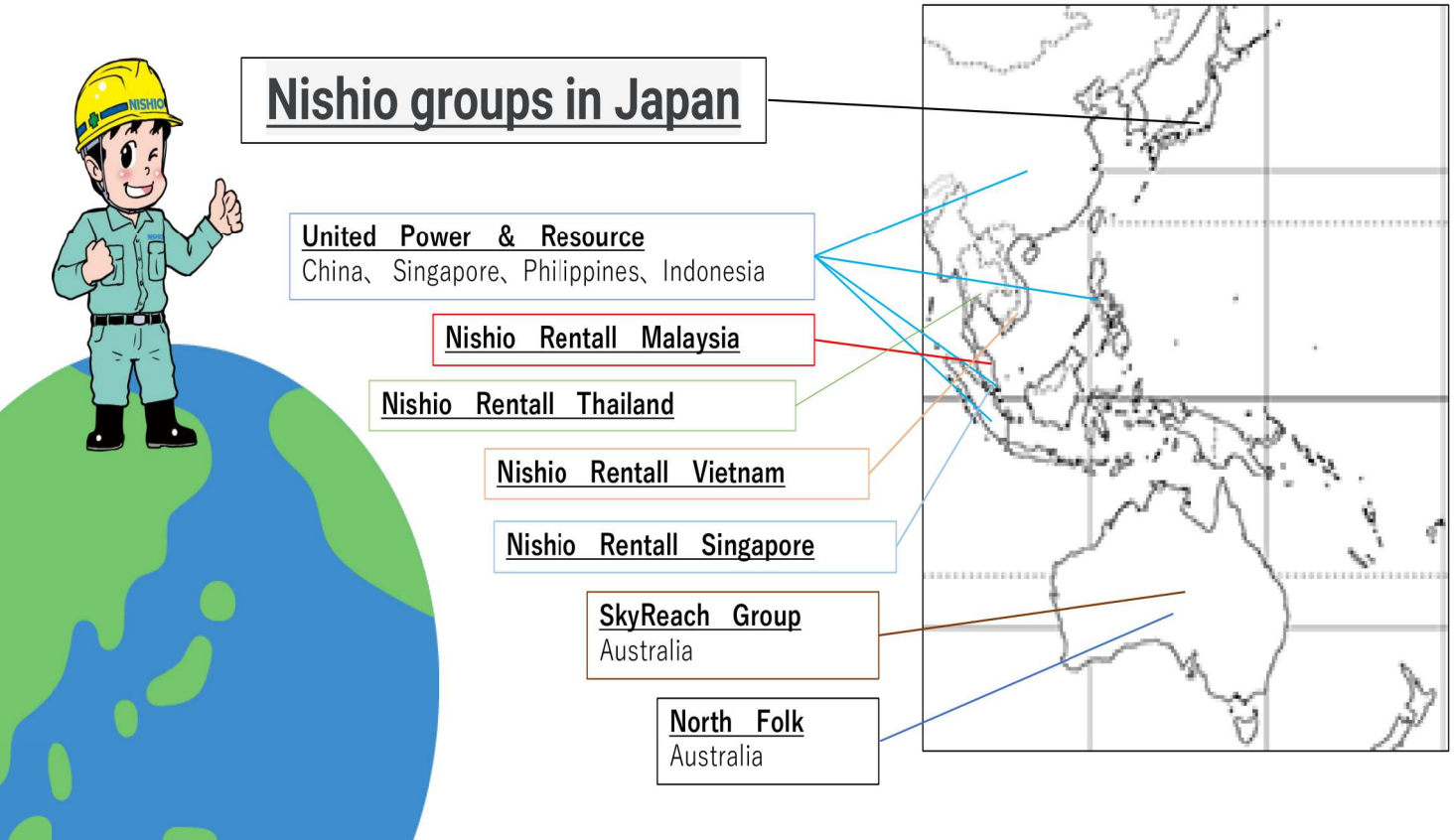


NISHIO



In August 2024, we held the camp at our R&D center and provided valuable learning opportunities through our wide range of facilities.

NISHIO's Overseas Business



Internship program by

NIT Kochi NISHIO



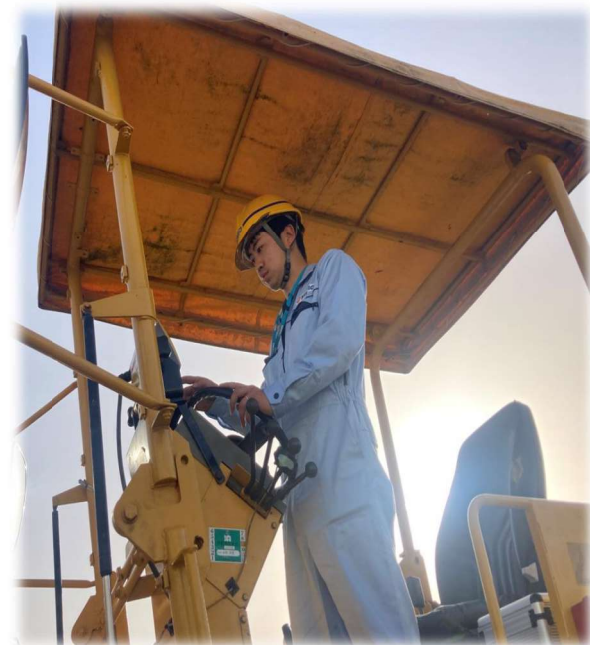
We offer internship opportunities to NIT students at our overseas offices.

Overseas technical training for employee



NISHIO employees have opportunities for overseas training to gain international engineering skills.

Many NIT graduates are working at



We look forward to working with you and welcome your valuable skills!!

Announcement by NISHIO



"New Construction Machinery Exhibition 2025"

You're invited !!



Thank you !!

and...

SAFETY FIRST!!

More information...

