

Malaysia – Japan Environment Week 2025

# Hydrogen Technology for Carbon Neutral

Kanadevia Corporation

Carbon Neutral Solution Business HQ  
Sales Group (PtG)  
Natsumi Takayama

15<sup>th</sup> October, 2025

**CONFIDENTIAL**



# Company Profile

From 1<sup>st</sup> October 2024, the trade name was changed from Hitachi Zosen to...

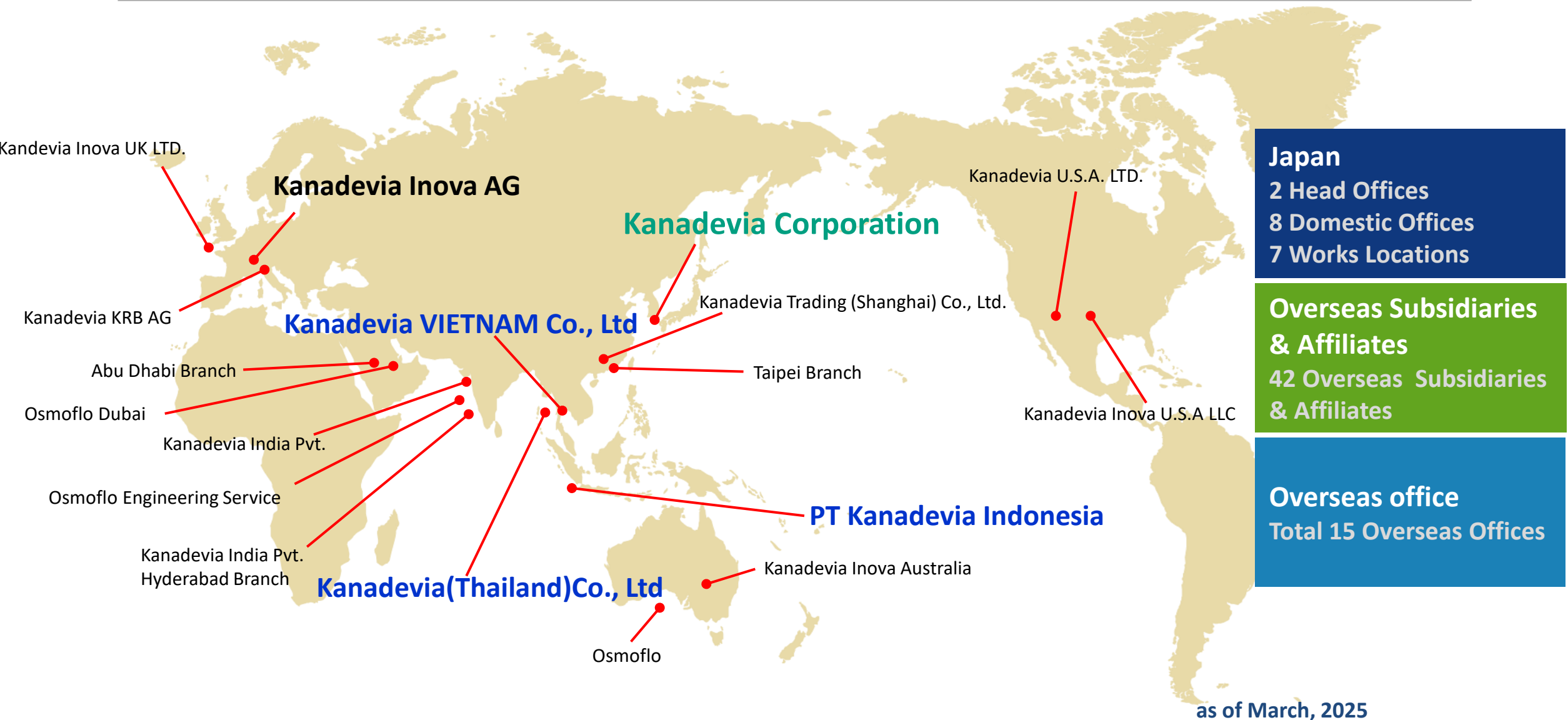


Founder E. H. Hunter

Company name	Kanadevia Corporation
Date of founded	April 1, 1881 by E.H. Hunter
Representative Director President &COO	Michi Kuwahara
Location of Head Offices	Osaka & Tokyo, Japan
Capital	JPY 45,442 mil (equiv. to approx. USD 304 mil)
Net Sales	JPY 610,523 mil (equiv. to approx. USD 4,083 mil)
Number of Employees (consolidated)	12,148 (*as of March 31, 2024)

\*As of Mar. 31, 2025

# Global Network



**Japan**  
2 Head Offices  
8 Domestic Offices  
7 Works Locations

**Overseas Subsidiaries & Affiliates**  
42 Overseas Subsidiaries & Affiliates

**Overseas office**  
Total 15 Overseas Offices

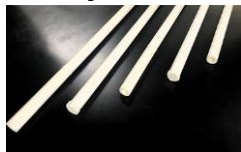
# Business Segment

## De-Carbonization System Business HQ

### Power to Gas



Methanation System



Zeolite Membrane



H2 Generation System



SOFC



Wind power etc...

## Machinery & Infrastructure Business HQ



Filtration system



Disaster Prevention System

## Environment Business HQ



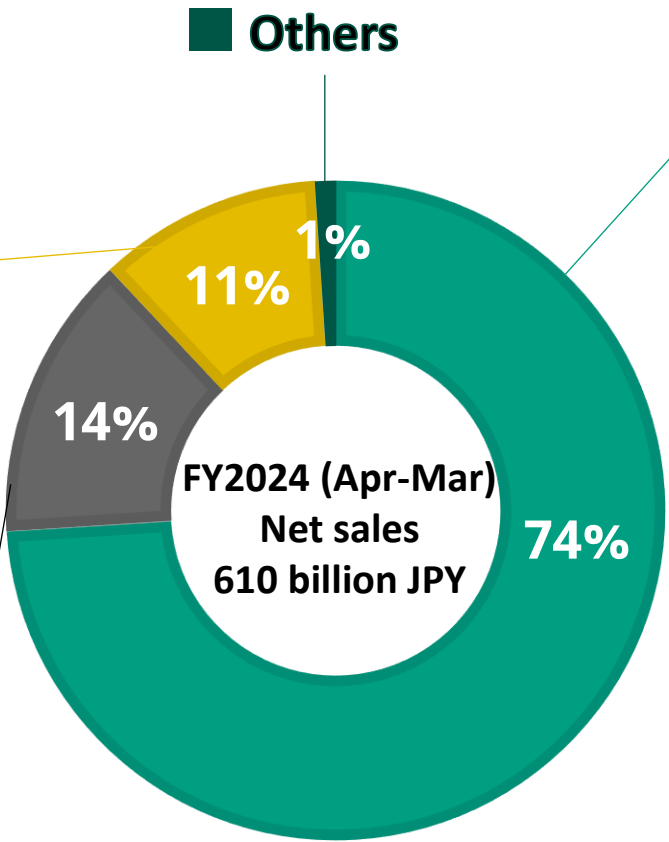
Waste to Energy Plants



Methane Fermentation Systems



Water treatment plant





# Kanadevia's Hydrogen Generation System

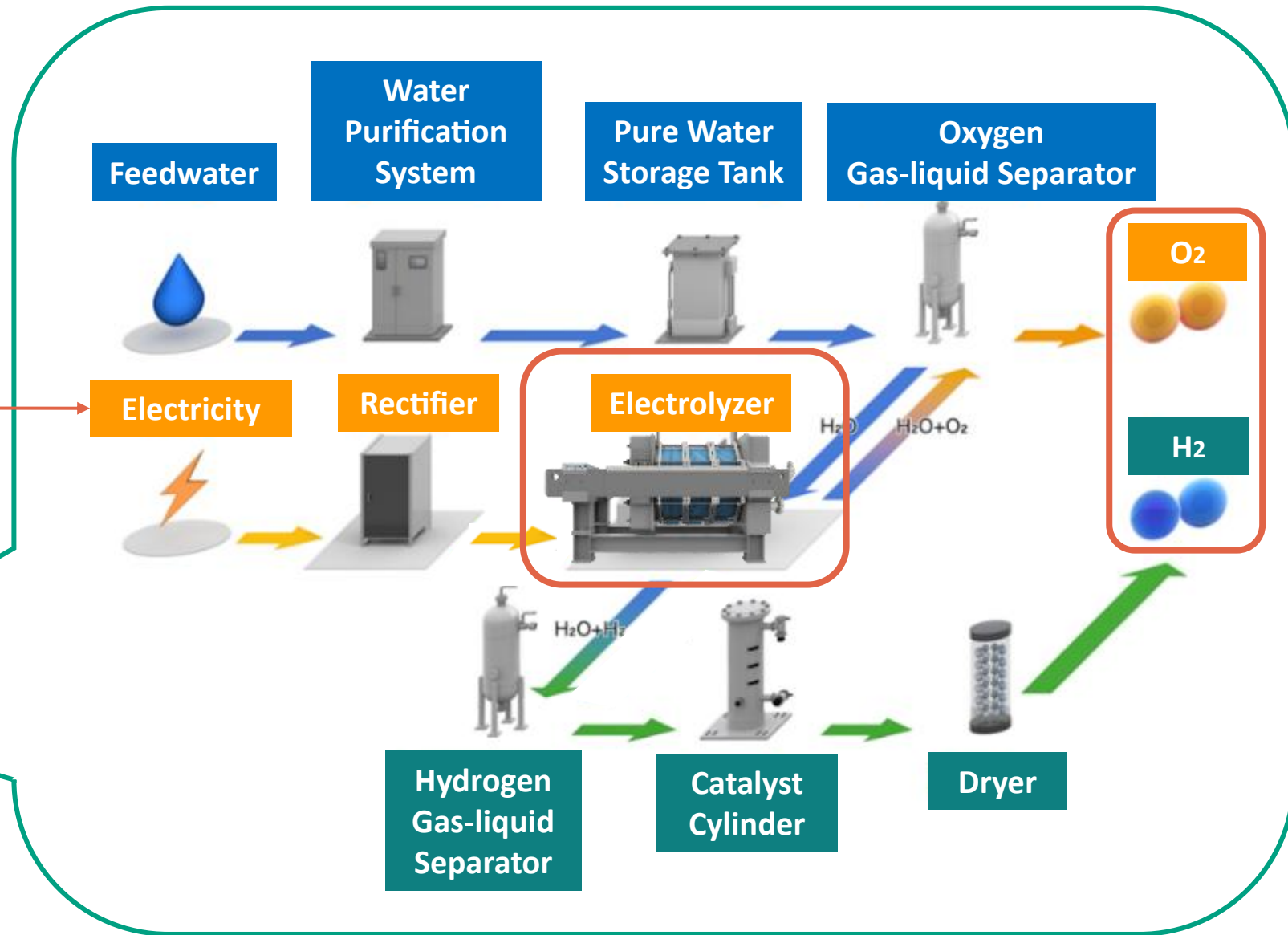
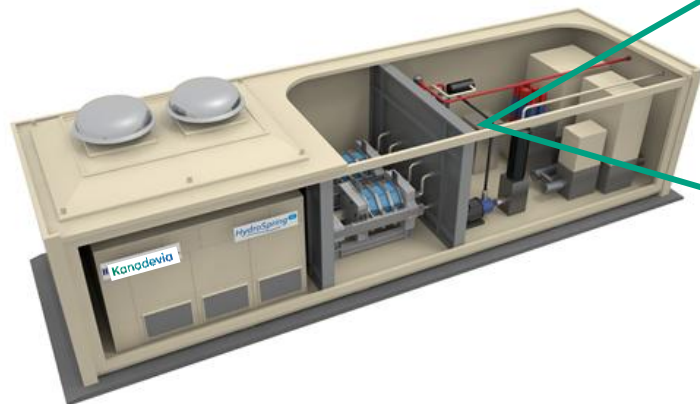
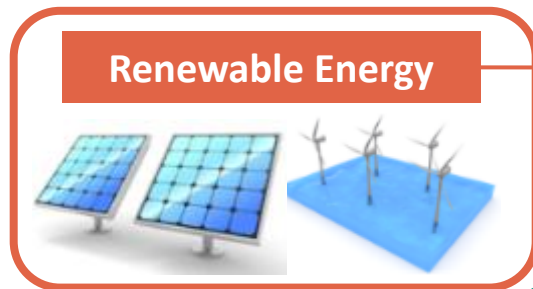
*HydroSpring*  $H_2$





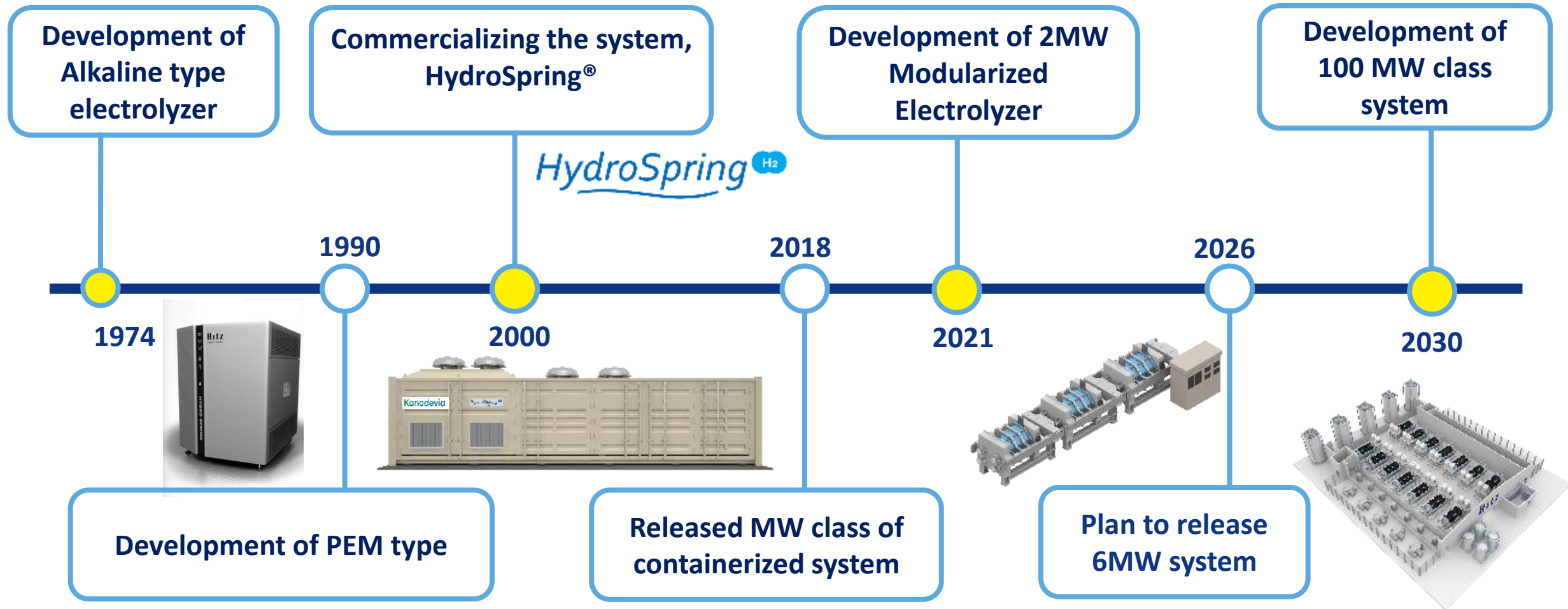
# System Flow of Kanadevia's Hydrogen Generation System

GREEN HYDROGEN is produced from water and electricity





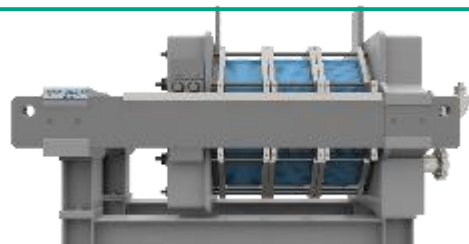
# Technology Development of Electrolyzer System





# Mass production factory for electrolyzer stacks of PEM type

- This project is adapted in METI's (Japanese government) GX supply Chain Construction Support Program
- Kanadevia is frontier to have electrolyzer production factory with GW capacity in Japan



Stacks are manufactured by our factory



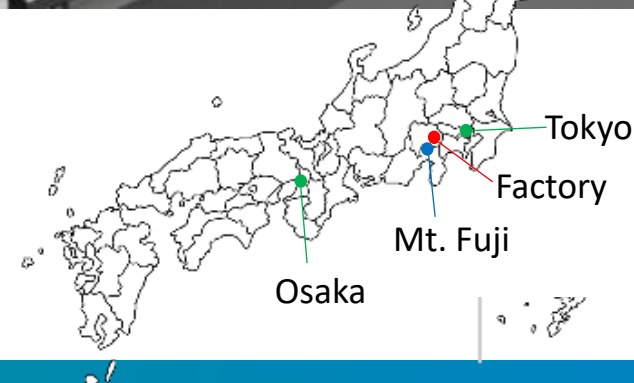
Image of electrolysis system

Exterior of mass production factory

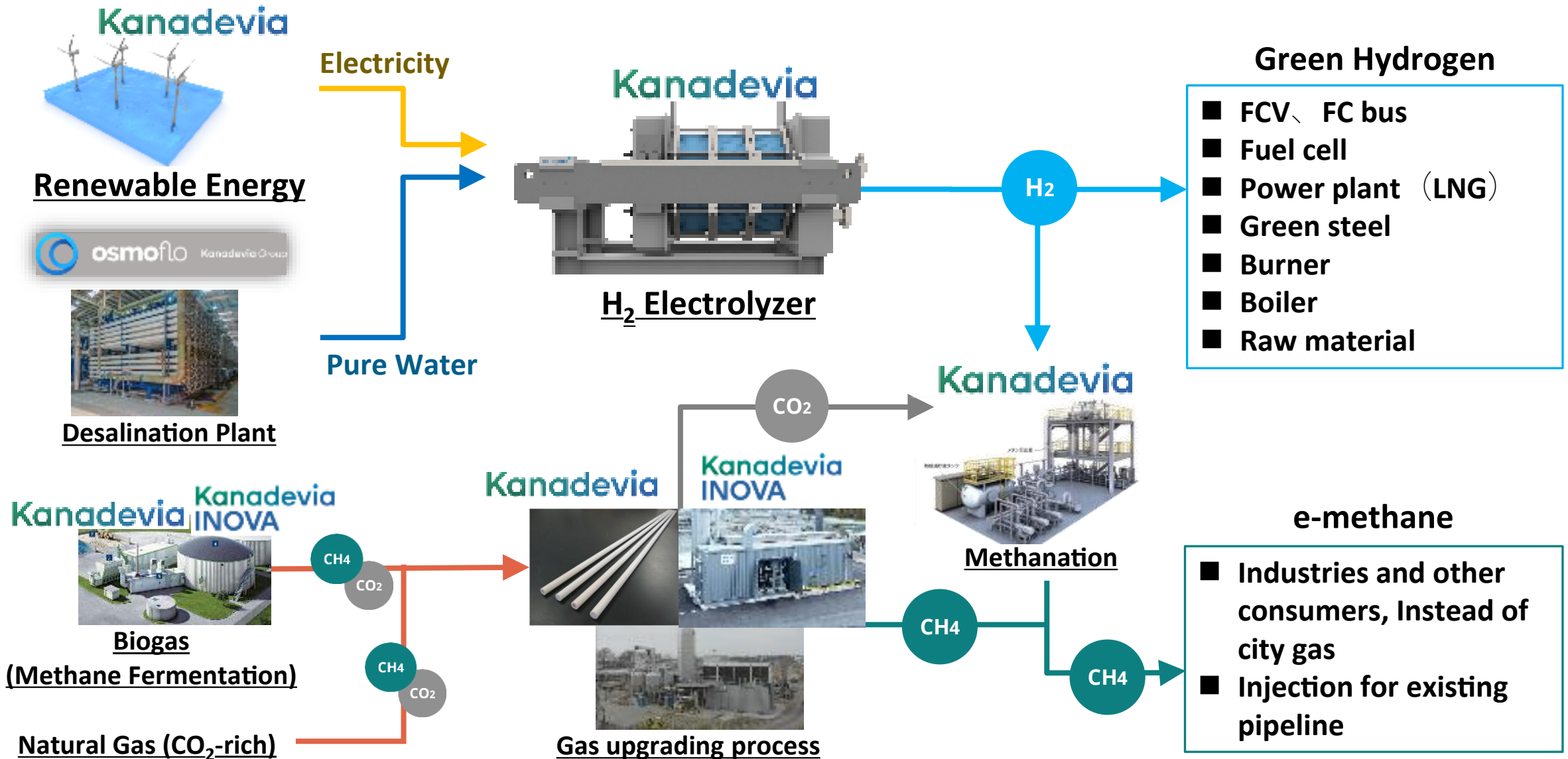


## General information

- ✓ Construction site : Yamanashi Prefecture, Japan
- ✓ Production models : Electrolyzer stacks of PEM type
- ✓ Capacity : More than 1GW per year
- ✓ Scheduled for completion : February 2029



## Contribution to decarbonization by Kanadevia Group





# Kanadevia

Technology for people and planet