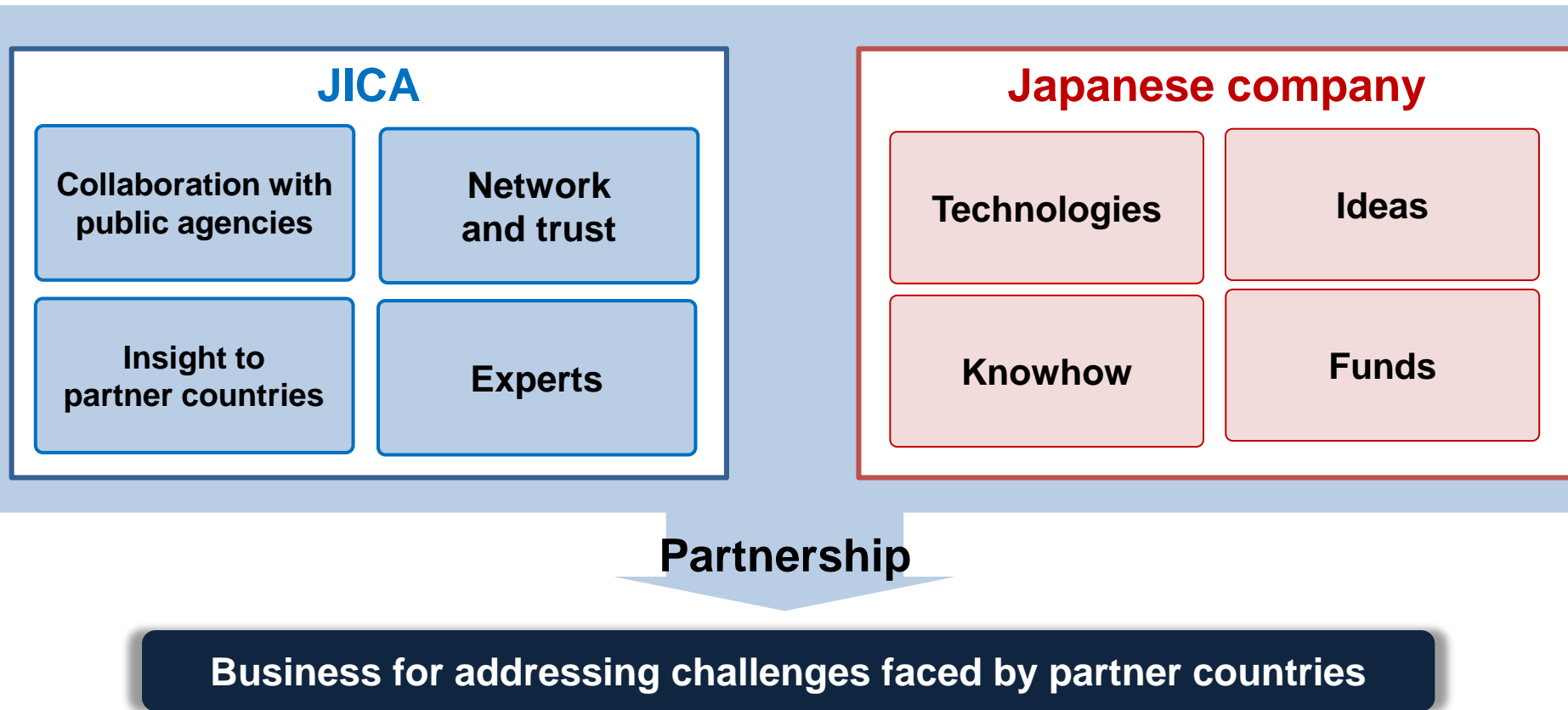


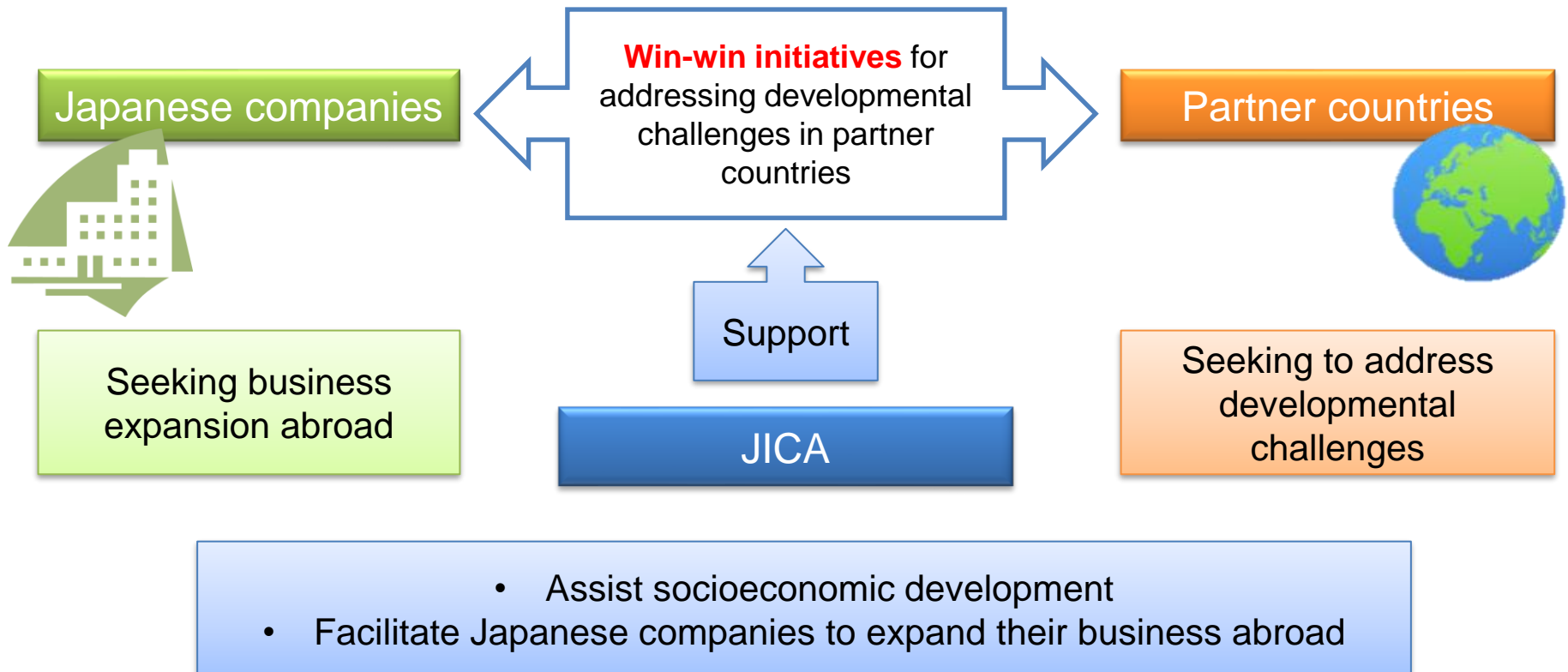
JICA's Public-Private Partnership Programs

September 13, 2024 | Business Matching Event
Ryoko Takao, Project Formulation Advisor, JICA Philippines Office

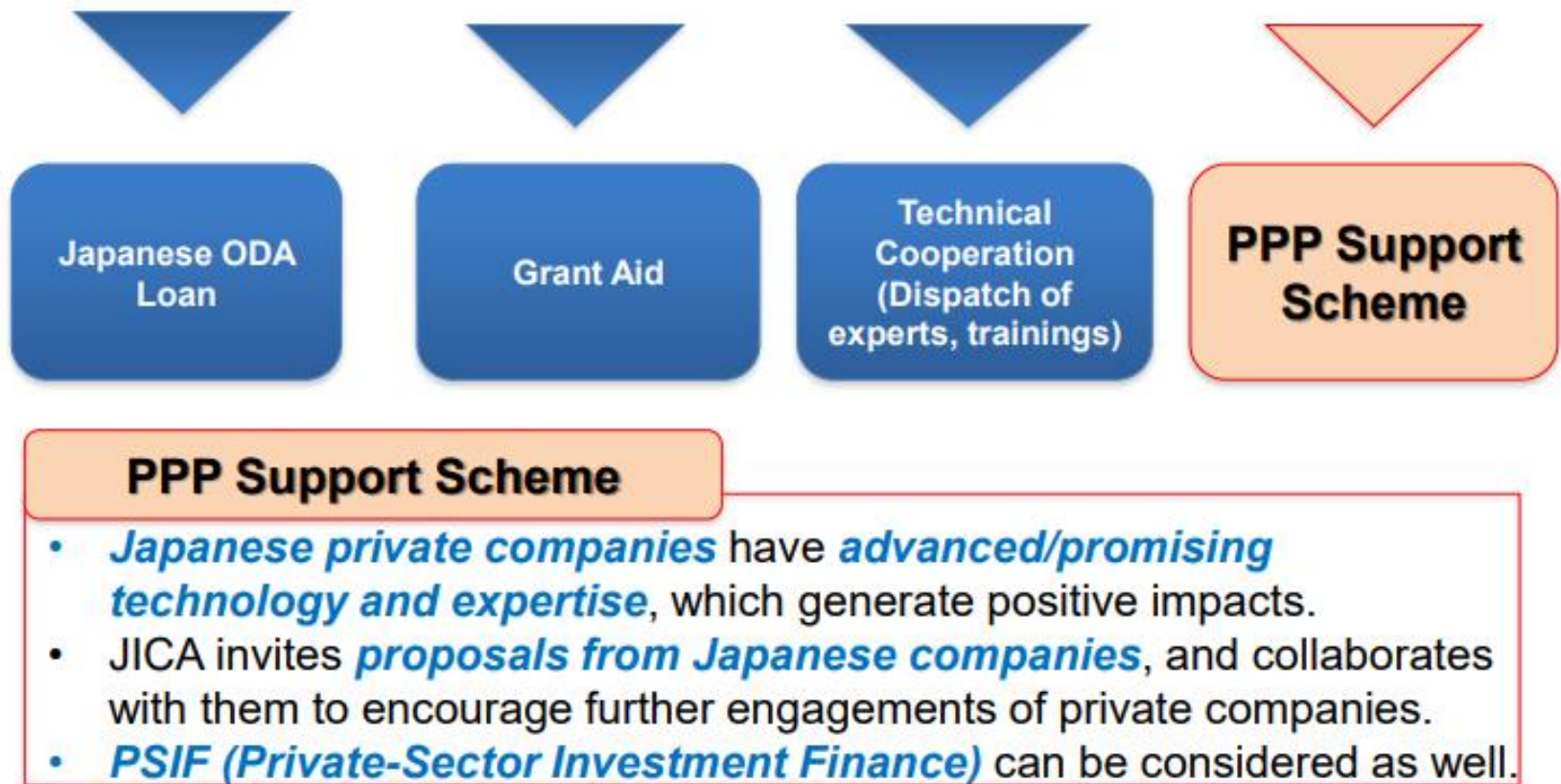
- In addition to conventional ODA, JICA has sought to address the socioeconomic challenges in partner countries through co-creation with private companies.



- JICA helps partner countries match their development needs with the right products and technologies provided by Japanese companies.



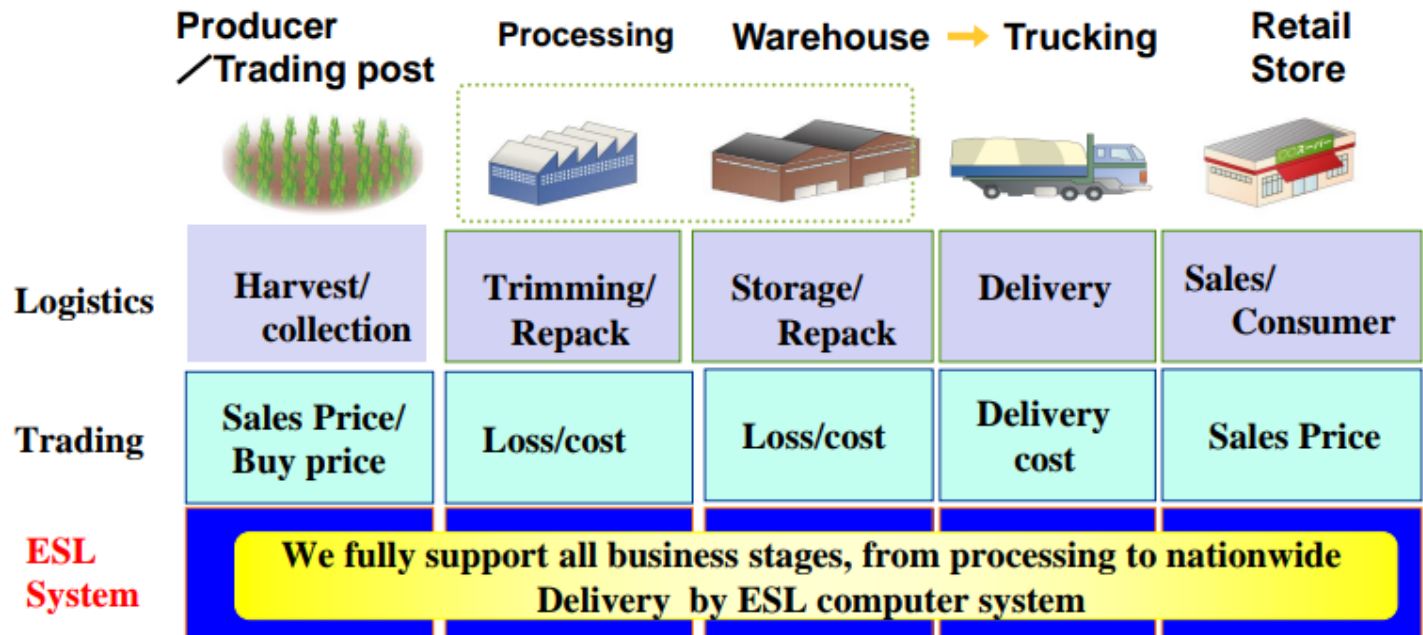
- JICA collaborates with Japanese private sector to conduct ODA more efficiently and effectively.



17 JICA-assisted Japanese Companies

E-support Link, Ltd.

- Provides system development for **commercial distribution, logistics, and information flow for fresh products** since early 2000s
- ESL system introduced to **15 trading centers in Japan**



Kuwanosato, Inc.

- Almost **2 decades** in the mulberry tea industry
- Mulberry Tea is good for preventing **health concerns** such as **diabetes** and **high blood pressure**
- Already **sold** in **High-end Department Store**



Takara Co. Ltd.

- Over **20 years experience** in manufacturing **black garlic and other garlic products**
- Health benefits: **reduction of liver inflammation** and **strengthening of immune system**, etc.



- Worked with **MMSU** and good backup with **Marcos family**

Aster Co. Ltd.

- Provides earthquake retrofitting solutions with a mission of **“Zero Earthquake Death”** with **University of Tokyo**
- Have customers coming from **Japan, Taiwan**, and **the Philippines**



- Retrofitted a school in Batangas in 2023, which sustained **no damage/cracks after a magnitude 6.3 earthquake**

Iida Ironsmith Co., Ltd.

- Rich experience in manufacturing **construction machinery attachments**, spanning almost **5 decades**
- Products for grabbing, cutting, and shredding disaster waste, which was **used in the Great Hanshin-Awaji Earthquake and Great East Japan Earthquake**



Grabber



Cutter

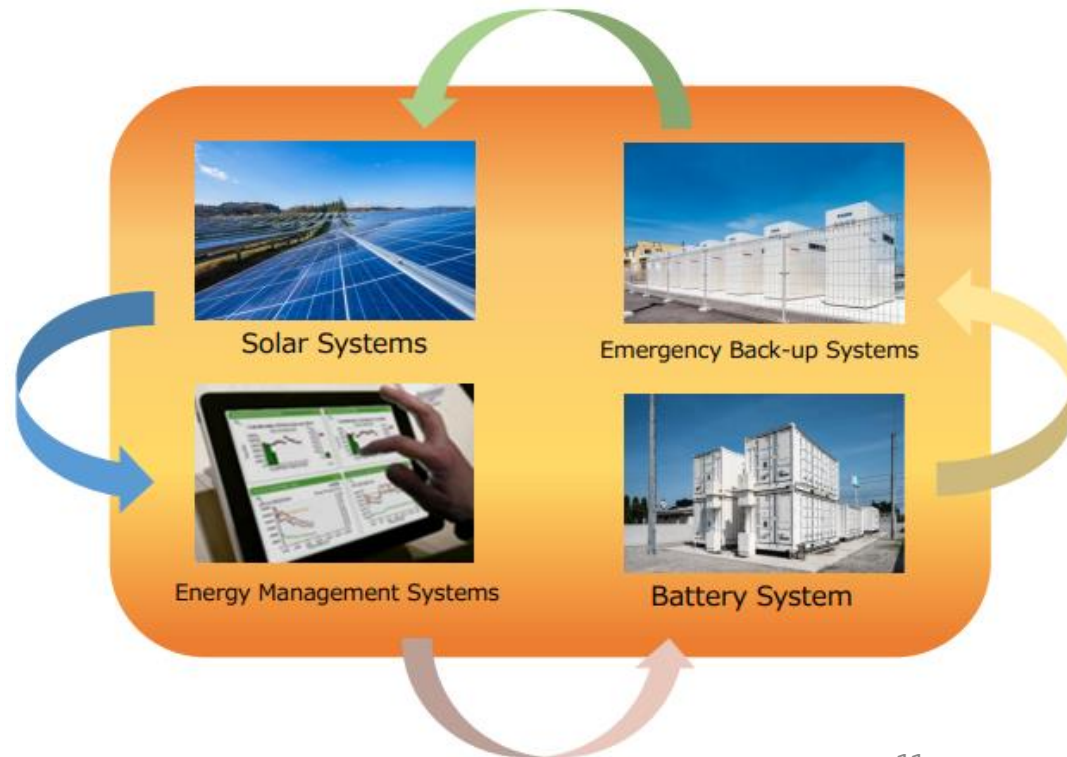
Spectee Inc.

- With the **power of AI**, **Spectee Pro** provides a **cloud-based solution** for disaster prevention and risk management.
- **Adopted by 90% of TV stations, more than 500 government agencies** and private companies in Japan



ADVANTEC PHILIPPINES INC.

- More than **20 years experiences** in **Renewable Energy**
- **100 Solar Farms** developed in Japan with total output capacity over 275MW
- **Micro Grid Smart City** in Japan with 100% Renewable Energy Supply
- Installing in **PEZA Pampanga**



BEMAC ELECTRIC TRANSPORTATION PHILIPPINES INC

- Over **4,000 units of E-Trikes** in the Philippines, achieving **No. 1 in E-Trikes industry**
- **Improve air pollution** in cities



- **Comfortable** ride comparable to four-wheeled vehicles, **safe driving**, longer life of the battery

FujiClean Co.,Ltd.

- Leading company in Japan for onsite wastewater treatment system, known as **“Johkaso”**
- “Johkaso” is **easy to locally install, operate, and maintain**. Hence, **economical**
- Comply with the **effluent standards**
- **Certified** in Japan, the US, Australia, and Germany



HINODESANGYO CO.,LTD

- “**Hinode Microbubble Generator** that intrinsically prevents sludge bulking and enhances efficiency of wastewater treatment
- Space and energy-saving, easy maintenance, prevention of bad odor, compliance with the **effluent standards**
- Pilot-testing in Public Market in CDO



Kanazawa Engineering Systems, Inc. (KES)



RENERGY SYSTEM

- “Renergy System” that uses **Waste Cooking Oil as main fuel** for diesel generator
- Already supply **clean electricity** converted from WCO into **E-tricycles** in **Boracay** Island
- **GHG emissions reduction** by over 50%



Supply clean electricity into E-tricycle (Boracay Island)

NIHON GENRYO Co., Ltd.

- “Mobile SIPHON TANK” provides **clean drinking water** and is easy to be transported, assembled onsite and operated simply **without filter media replacement**
- Already installed into MCWD in Cebu, DPWH in CDO, and elementary school in Luzon



Typhoon Yolanda Response

NIPPON STEEL ENGINEERING CO., LTD.

- Introduce advanced energy-saving and renewable energy and recycle solutions for a sustainable society
- Rich experience in **Waste-to-Energy** technology with stoker-furnace, **offshore wind power** generation and carbon capture technology



WtoE facility



Offshore Wind Farm

Phil Japan Worldwide Management Services Inc.

- New Sequential Batch Reactor (NSBR), a **patented technology** that realizes an efficient and effective wastewater treatment with the capability of nutrients removal
- NSBR uses a single tank operating all the necessary functions, offering multiple advantages such as **flexible compact designs** and **reduction of odor**



SM GUUN Environmental Company, Inc.

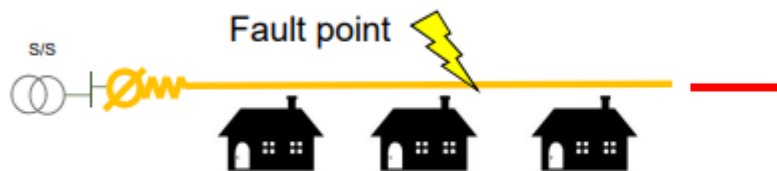
- Recently **Joint Ventured** with SM group, offering solid waste management mechanism that **recycles waste plastic into alternative energy** called fluff fuel
- Helps in reducing wastes in landfills and CO2 emissions



TAKAOKA TOKO CO., LTD.

- “Smart DAS” improves **electricity supply reliability** by reducing power outage and restore power promptly
- **Real-time monitoring of power distribution** operation status at the time of mass introduction of renewable energy
- Already pilot-tested in Batangas

Before DAS introduction



Outage occurs in each distribution line

After DAS introduction

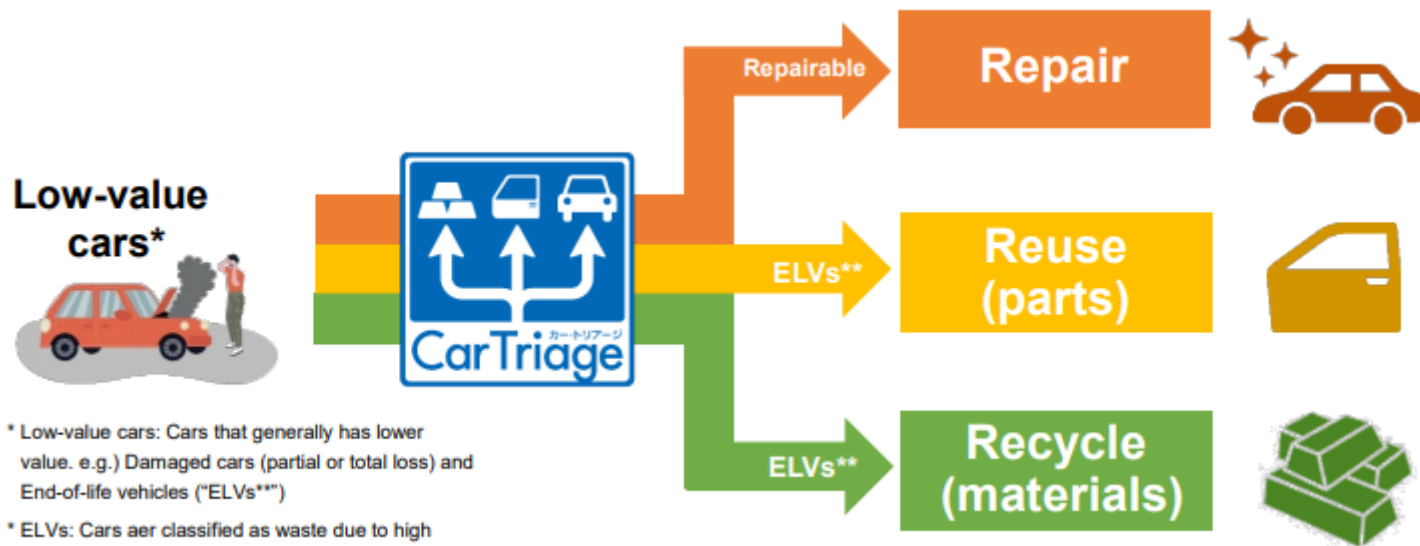


Outage occurs only in the accident section

— Outage line — Energized line

TAU Corporation (Philippine Branch)

- **Only one** company that deals with preowned and damaged cars nationwide in the Philippines
- With “**Car Triage**” concept, **purchase damaged cars and reuse** them, creating socioeconomical benefits



Maraming Salamat Po!