



Achieving SDGs by Shopping

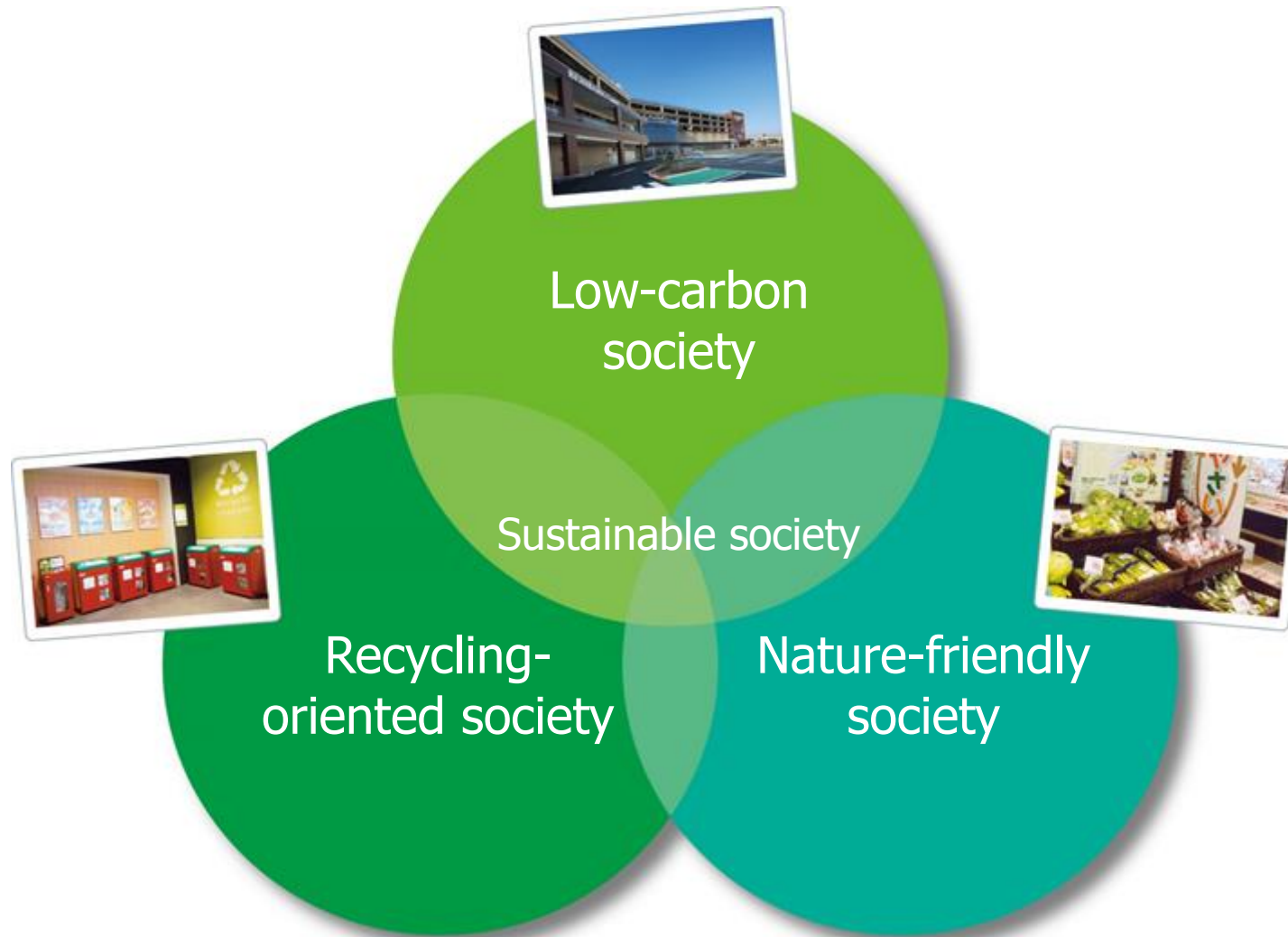
Consumers and producers, hand in hand,
heading towards a sustainable society

UNY Co., Ltd.
CSR DEPARTMENT
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Aiming for a Sustainable Society

As a supermarket chain, UNY is closely connected to consumers, and is aiming for a sustainable society that is low-carbon, recycling-oriented, and nature-friendly.



A sustainable society - one that protects the environment for future generations and establishes a world where all life on the planet can coexist.



Actions to reduce food waste relates to 7 Goals: “Earth-conscious shopping” will take us to a sustainable society



2.1 Delivering uneaten food to those in need

Foodbanks, Food-drive,
Dining Room for Children



13.3 Shopping to prevent climate change

COOL CHOICE Campaign
ESD programs



Changing consumer behavioral patterns with ESD

4.7 Education

Learning through shopping
Connecting consumers and producers
by hands-on farming experience



14.1 Preventing Micro-beads pollution by avoiding plastic container use

No more free plastic bags

14.4 Preserving marine resources by marine-friendly products (MSC certificates)



15.1 Preserving soil, avoid agrochemicals

Local Circular Economy, Recycle Loop
Organic farming, organic cotton

15.2 Preserving forests by forest-friendly products (FSC certificates)



12.3 No waste at retail and consumption
Actions to help reduce Food Waste

12.5 Large reductions by creating a recycle loop for food

12.8 Promoting an Eco-friendly Lifestyle
With consumers

COOL CHOICE Campaign



17.17 Creating a Value Chain for SD

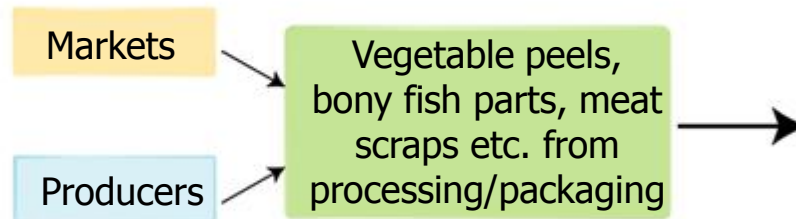
Sustainable shopping by cooperation between
Production, Retail, Sales, Consumption

Unused food from supermarkets

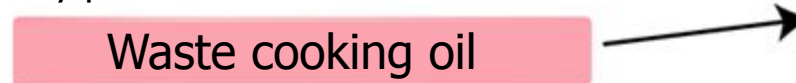
Sources of unused food

Perishables brought from markets and producers to stores for processing

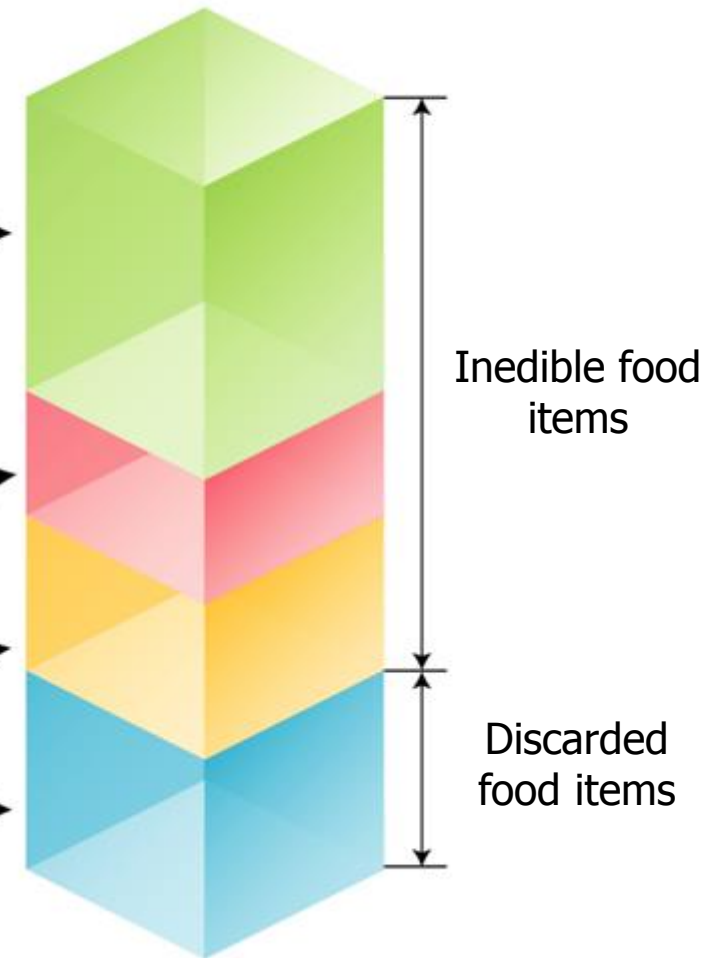
- Vegetable peels, bony fish parts, and meat waste generated during processing



- Waste cooking oil generated when producing deli and bakery products



- Waste from restaurants



Unused food used to disposed of as general commercial waste



33.5% of all food becomes "waste" in Japan

Food Destined Goods 83 Mt

Generated Waste 28 Mt

Food Waste 6.3 Mt

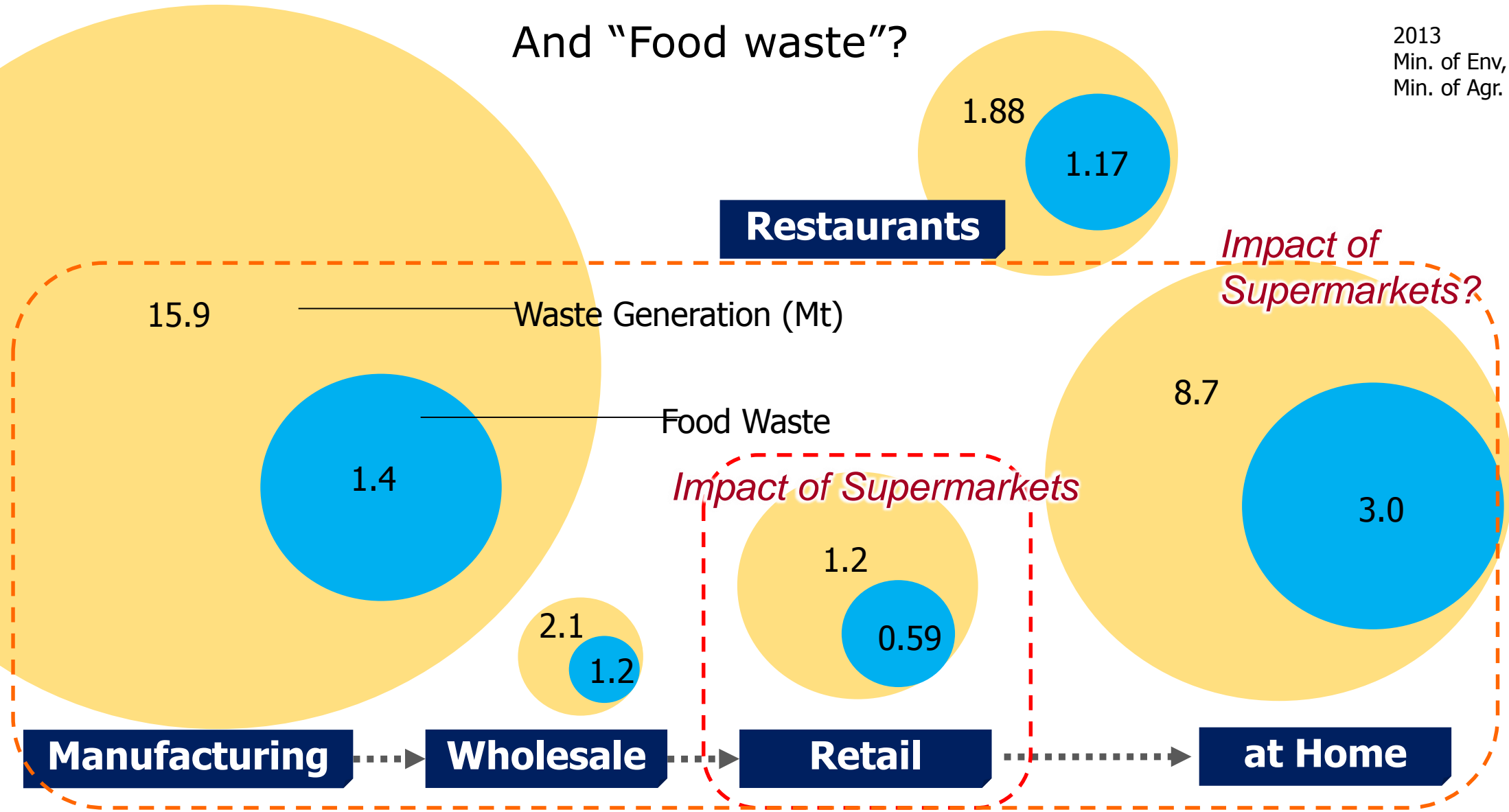


Food is Life; We all consume life to live

Where is all the waste generated?

And "Food waste"?

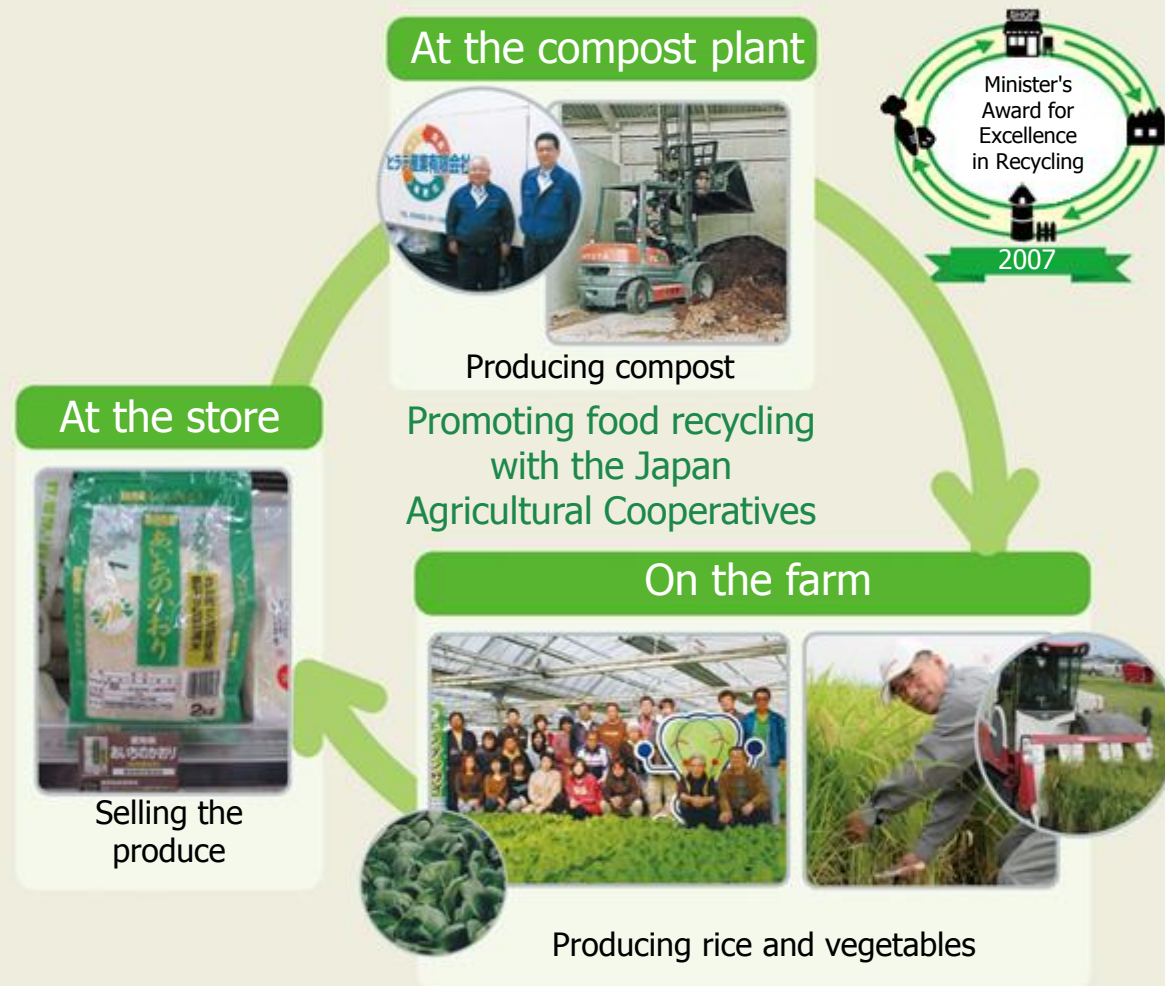
2013
Min. of Env,
Min. of Agr.



Recycling unused food: closed-loop food recycling

UNY recycles unused food into compost and feed for building and maintaining recycling-oriented agriculture.

Hirate Industry in Aichi prefecture



Recycling unused food: closed-loop food recycling

Produce eco-feed from unused food generated in stores in other prefectures to re-produce and sell food products.



Benefits of closed-loop food recycling

Closed-loop food recycling establishes a value chain with clear traceability, so that safe perishables are delivered to consumers.

Cooperation with local producers to promote local production for local consumption



Benefits of closed-loop food recycling

Producers, retailers, and consumers exchange information to build relationships and understanding for recycling-oriented agriculture that protects biodiversity.

Visiting compost plants



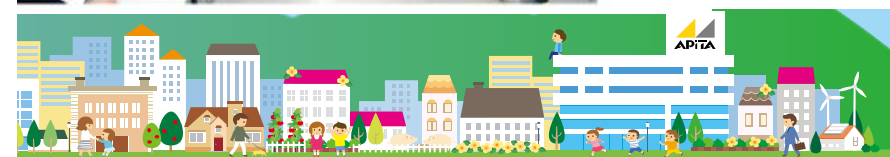
Consumer meetings



Agricultural workshops



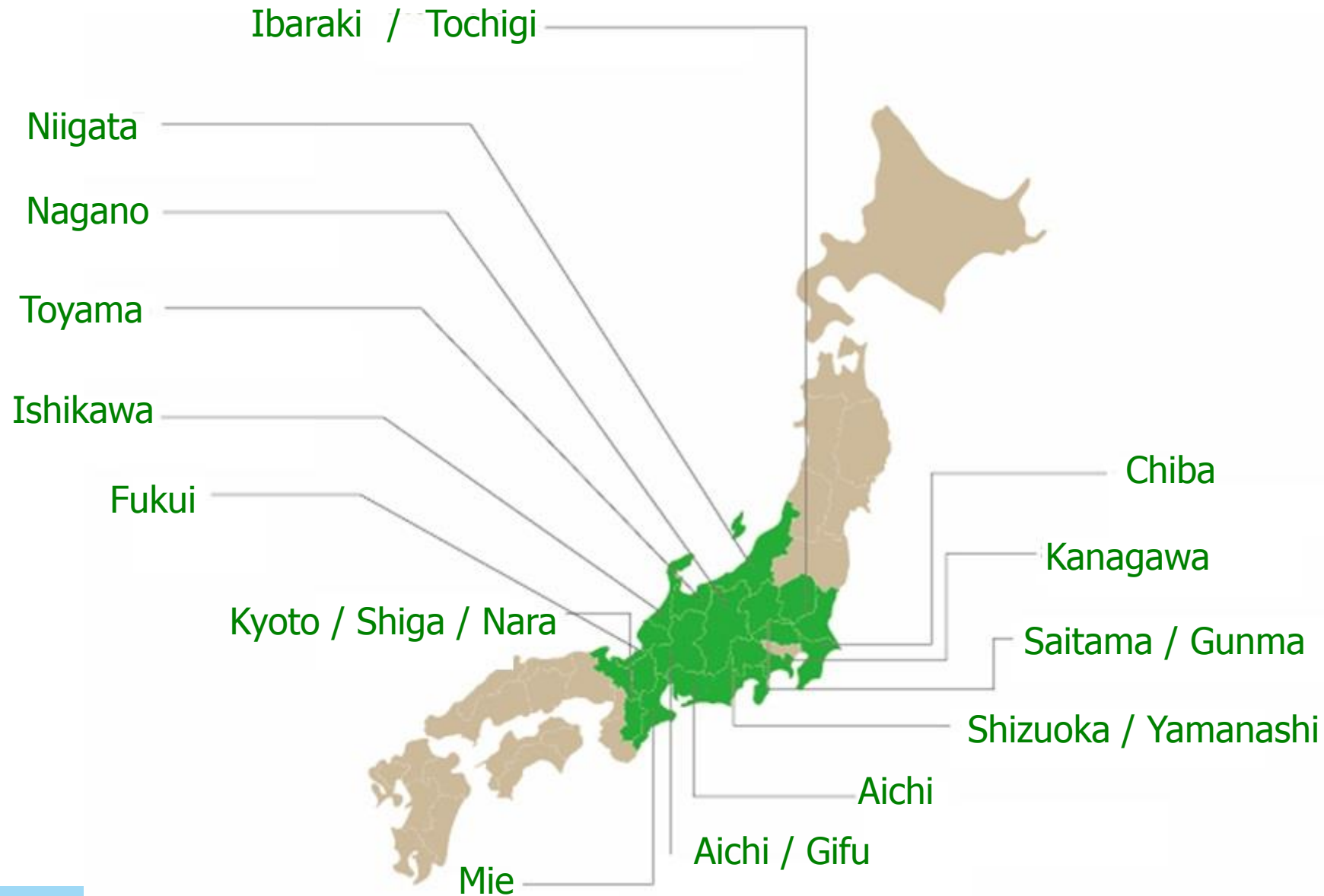
Producer-seller conferences



Aiming for a Recycling-Oriented Society

Closed-loop food recycling has spread to various locations in Japan

- The recycling loop has been established in 19 prefectures where UNY branch stores are located

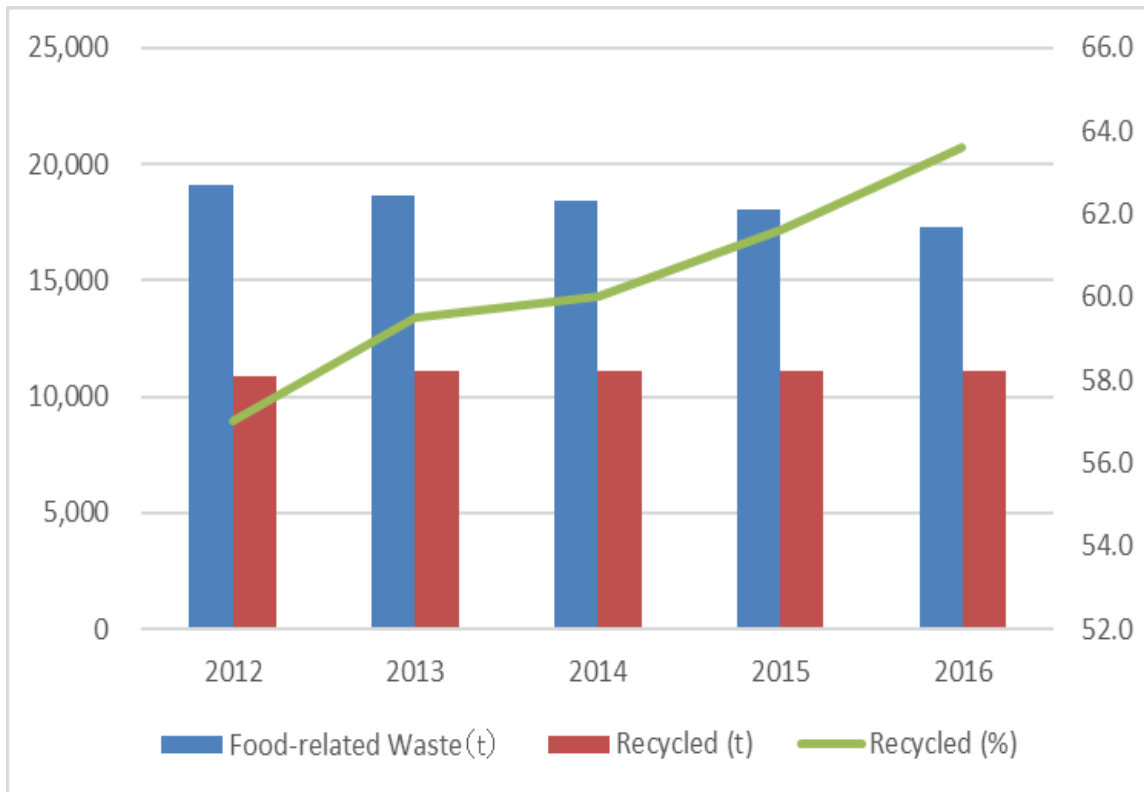


To reduce Food Waste...

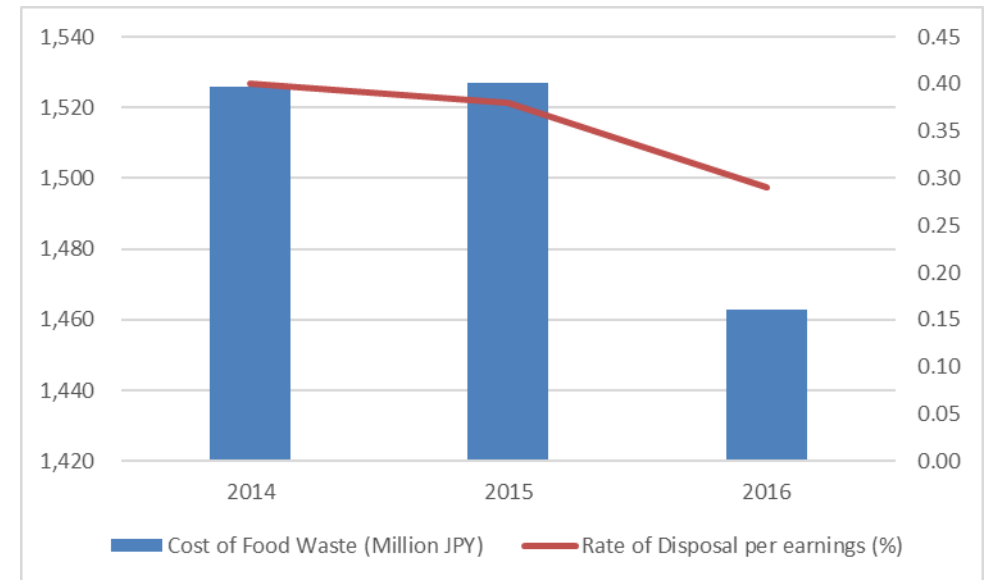
Non edible waste: Recycle into feed/fertilizer using a closed recycle loop

Unsold merchandise: Order just the right amount, Discount when expire date is close

Food-related Waste and Recycled amount



Amount and Cost of Food Waste (Disposed Merchandise)



Meat



Dry food



ESD (Education for Sustainable Development)

The UNESCO World Conference on ESD was held in the city of Nagoya in Aichi prefecture in November 2014.

Global warming, wasteful use and depletion of resources, and deterioration of ecosystem services are making our environment, the very foundation of our existence, unsustainable.

UNY sponsors ESD, and promotes social and environmental contributions that secure the environmental legacy we hand down to the children of future generations.

未来に地球を まるごととっておこう!



のこり少なくなっている石油・石炭。今でも水や食べ物が足りない国。もうすぐ、なくなってしまうかも…。石油・石炭・水・食べ物など、むだづかいしないで、ちゃんととっておいて、未来につなげましょう。

私たちがいま、何をすることで地球をまるごと渡せるかがきまります。

いま、何をすべきか 考えてみましょう

大切なのは「いっしょに」「めぐる」「つづく」
みんなで考えて、どんな小さなことでもいから
できることをやってみよう。



私たちは応援します
この地球上の人々や、これから生まれてくる人々が、ずっと
幸せに暮らしていくにはどうしたらいいか、みんなで調べたり
考えたり、意見を出し合ったりしながら学ぶことをESDと
いいます。(Education for Sustainable Development)





Noriko Momose





Thank You!

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Appendix

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Waste from business activities: preventing waste and promoting recycling

- Sorting – separate waste into recyclable-resource categories
- Weighing – manage how waste is generated and measure the effect of the waste prevention effort

Waste weighing system



Sort into categories



Weigh by category



Collect data at the office



Store at proper temperature



Waste from business activities: preventing waste and promoting recycling

Waste generation and recycling

