

IGPN Knowledge Sharing Webinar

Green Purchasing Award and Winning Cases toward Decarbonization

June19,2025

Green Purchasing Network(GPN)
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Today's Topic



- About GPN
- Green Purchasing Awards
- Award-winning cases
 - ① **SAGACOLLECTIVE Cooperative**
(2024 Grand Prize, Minister of the Environment Award; Carbon neutrality case study by a local SME)
 - ② **Dai Nippon Printing Co., Ltd.**
(2024 Grand Prize; Example of developing and supplying packaging with low CO2 emissions)
 - ③ **Enerbank Co., Ltd.**
(2024 Excellence Award; Example of mediating renewable energy procurement)
 - ④ **Tsukuba City**
(2021 Grand Prize; Example of renewable energy procurement by local government)

Green Purchasing Network



- Foundation: February 1996
 - Purpose: By promoting green purchasing activities, GPN contributes to the creation of a market for environmentally friendly products and services and a sustainable social economy.
 - **National network/partnership organization of purchasers**
 - The network in which businesses, consumers, and government agencies all participate.
 - Member collaborates from the same “purchasers” standpoint.
 - Member: 1,280 organizations (1,042 companies, 104 local governments, and 134 private organizations) as of March 2025
 - GPN has 6 local networks (Hokkaido, Miyagi, Saitama, Yokohama, Mie, and Osaka)
- 30th anniversary in February 2026
 - Commemorative event planned for January-February 2026
 - Special edition newsletter (March 2026 issue)

We would like to receive messages from UNEP, the IGPN Council, and GPN members in each country.

Green Purchasing Network (GPN)



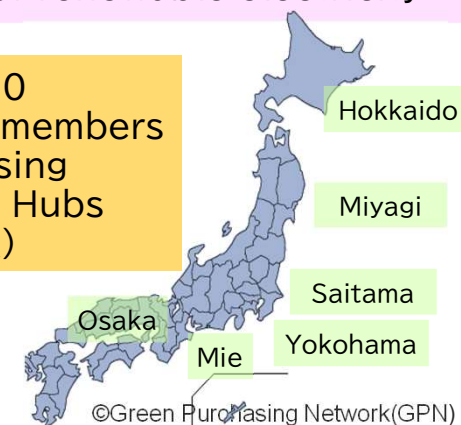
A national network working towards the SDGs, carbon neutrality, and a circular economy by promoting sustainable consumption and production.

- Seminars
- Green Purchasing and Environmentally Conscious Contracts Workshop
- GPN News

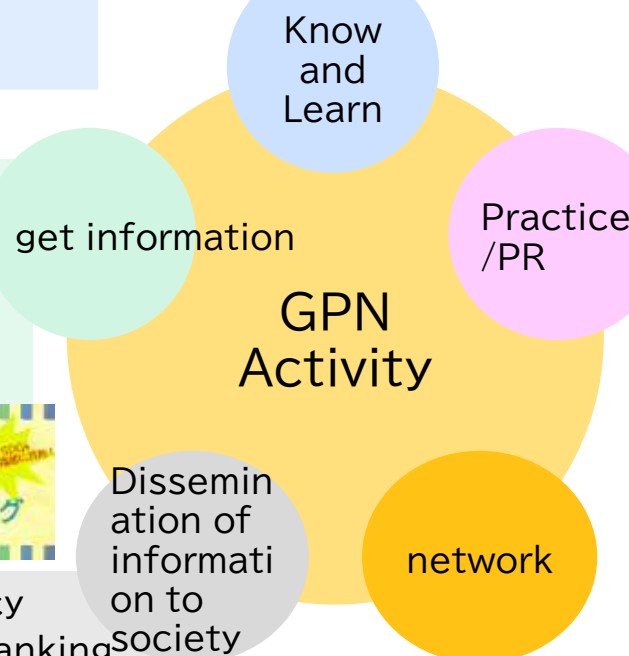


- Green Purchasing Awards
- Sustainable Procurement Action Program
- Supply Chain Assessment
- Individual consultation, procurement policy development and review
- Promotion of renewable electricity

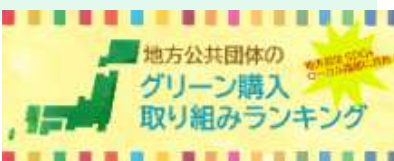
- Members 1,280 organizations members
- Green Purchasing Dissemination Hubs (local Network)



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- Purchasing Guidelines for 24 Sectors
- Eco Products Database,
- Sustainable Products website



- Policy advocacy
- Municipality Ranking
- Lectures and External Committee Activities

Dissemination of information to society

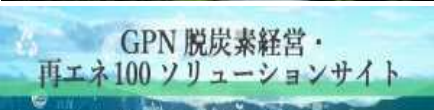
network

GPN Activity

get information

Practice /PR

Know and Learn



カーボンニュートラル、サーキュラーエコノミーの実現、SDGsへの貢献を表彰
Recognizing contributions to achieving carbon neutrality, circular economy, and SDGs

第26回 グリーン購入大賞 募集

Nominations are open for the 26th Green Purchasing Awards

応募期間：5月28日(水)～7月31日(木)

Application period: Wednesday, May 28th to Thursday, July 31st

Green Purchasing Award



- Established in 1998
- Recognizing initiatives that contribute to the achievement of SDGs through sustainable consumption and production, particularly those that contribute to the realization of a decarbonized society and a circular economy.
- Application categories
 - Large companies, small and medium-sized companies, government and private organizations, agriculture, forestry, and fisheries
 - Special categories are established with different themes each year (the agriculture, forestry, and fisheries category is in its third year).
- Application themes
 - Initiatives through purchasing activities
 - Initiatives through communication and human resource development
 - Initiatives through product and service production activities (manufacturing and sales)
- Types of awards
 - Ministerial Awards (Minister of the Environment Award, Minister of Economy, Trade and Industry Award, Minister of Agriculture, Forestry and Fisheries Award)
 - Grand Prize
 - Excellence Award

Green Purchasing Award



■ Screening Method and Criteria

1. Initial Screening

- Document screening.
- Approximately 12 entries will be selected based on an evaluation of “(1) results and effects, (2) innovation and originality, and (3) continuity and potential for development.”

2. Final Screening (Presentation Selection)

- Presentation format.
- Each award will be selected based on an evaluation of “(1) results and effects, (2) innovation and originality, and (3) continuity and potential for development.”

■ Schedule

- Applications: May to July, Screening: Preliminary screening, final screening
- Awards ceremony: December

■ Supported by

Ministry of the Environment, Ministry of Economy, Trade and Industry, Ministry of Agriculture, Forestry and Fisheries, Consumer Affairs Agency, Japan Business Federation, Yomiuri Shimbun, Mainichi Shimbun, Nikkan Kogyo Shimbun, Nikkei BP, Toyo Keizai Inc., Kyodo News, Environment News, Sustainable Brands Japan (SB-J)

Features of the Green Purchasing Awards



■ Scope

- Rather than focusing solely on procurement, we recognize achievements through procurement.
- We recognize not only environmental conservation but also consideration for social aspects.

Examples of applications :

Climate change countermeasures, introduction and promotion of renewable energy, reduction of plastic use and resource recycling, reduction of food loss, issuance of green bonds, fair trade, promotion of environmentally friendly products through collaboration and cooperation with various stakeholders, awareness-raising activities for the implementation and promotion of sustainable procurement and green purchasing, etc.

■ Call for applications

■ Presentation by the three ministries and award-winning organizations at the award ceremony

■ Exposure after receiving the award

- Press release (simultaneous release with the award-winning organization)
- Media (inviting media outlets and national and industry newspapers affiliated with the supporting organizations to the award ceremony, acting as a liaison between reporters and the award-winning organizations)
- Opportunities to speak (at our seminars, etc.)
- Interaction between award-winning organizations (opportunities for interaction between award-winning organizations and media outlets after the award ceremony)



脱炭素社会の実現、SDGs への貢献を表彰
第25回グリーン購入大賞



Award type	Awarded Organization	Awarded Field
Grand Award, Minister of the Environment Award	SAGA COLLECTIVE Cooperative	Activities to expand carbon neutral products by a cooperative of 11 companies in 10 industries
Grand Award, Minister of Economy, Trade and Industry Award	AirCloset, Inc.	Fashion sharing service of everyday clothing
Grand Award, Minister of Agriculture, Forestry and Fisheries Award	TSUNO GROUP CO., LTD.	Circular economy of rice bran and waste cooking oil
Grand Award	Dai Nippon Printing Co., Ltd.	CO2-emission reduction packaging
	WORKSTUDIO Corporation	Textile waste recycling
	Wash-plus, Inc.	Laundry service with alkaline ionised electrolytic water
	Ashikaga City	Initiatives based on The Green Purchasing Procurement Policy of Ashikaga City
	Kunimoto Gakuen, Kunimoto Elementary School.	Environmental education activities
	TAKEMOTO OIL & FAT CO.,LTD.	Activities to support production areas through sesame procurement
Excellence Award	Nichiban Co., Ltd.	Sales of sustainable cellophane tape and environmental education activities
	Enerbank inc.	Supporting decarbonization through the supply of renewable energy
	Nakano Seiyaku Co., Ltd.	CFP Disclosure for Hair styling products
	Green Coop Consumers' Cooperative Association	Achieving Carbon Neutrality in the food marketing business

SAGACOLLECTIVE Cooperative (2024 Grand Prize/Minister of the Environment Award)



1. Overview of the organization	<p>A cooperative consisting of 11 manufacturers from 10 industries in Saga Prefecture (furniture, Arita ware, Japanese paper, carpets, tea, somen noodles, seaweed, sake, yuzu pepper, soy sauce, and miso). Its main activities include joint procurement, manufacturing, sales, and event planning.</p>
2. Overview of the application	<ul style="list-style-type: none"> • Each company has been engaged in manufacturing that makes use of the blessings of nature for generations. • As part of their eco-friendly initiatives, they have been measuring, reducing, and offsetting CO2 emissions since fiscal 2021. • By fiscal 2023, they have reduced CO2 emissions by over 300 tons, approximately 20%, and implemented over 600 tons of carbon offsets. SAGACOLLECTIVE products are marketed as carbon-neutral, and they are exploring new business models to ensure these efforts are economically sustainable as well.
3. Background of the initiative	<ul style="list-style-type: none"> • Climate change is affecting companies, and there are warning signs for the next generation. • In August 2021, heavy rains caused landslides, damaging Nao Handmade Washi Paper and forcing it to relocate to a new workshop. Seaweed had a record poor harvest in the 2022 season. Due to the lack of rain, nutrients from the mountains did not flow into the Ariake Sea, causing discoloration and poor quality. • From the original group activity goal of expanding overseas sales channels, the group reorganized its priorities to focus on “enhancing sustainability for the next 100 years,” which they recognized as leading to sales channel expansion. They decided to pursue “earth-friendly” carbon neutrality initiatives.

SAGACOLLECTIVE Cooperative (2024 Grand Prize/Minister of the Environment Award)



4. Connection to decarbonization	<ul style="list-style-type: none"> ➤ Understanding and reducing CO2 emissions ➤ Implementing carbon offsets
5. Results and effects	<ul style="list-style-type: none"> • SAGACOLLECTIVE's total CO2 emissions in fiscal 2023 will be 1,315 tons. • Six of the 11 companies have carbon offset the entire amount. The remaining five companies also carbon offset emissions related to SAGACOLLECTIVE's activities, making SAGACOLLECTIVE's activities carbon neutral. • Carbon credits derived from local nature were selected and carbon offsets were implemented. • 615.3 tons of carbon offsets were implemented through forest conservation and seaweed bed regeneration projects.
6. Advancement and uniqueness	<ol style="list-style-type: none"> 1. Region × Different industries × Carbon neutral 2. Achieving both economic efficiency and carbon neutrality 3. Attention to the quality of carbon credits
7. Continuity and development potential	A supporting membership system that allows people to participate in joint projects were established in 2024, and Ryokan Akebono joined. The number of people who support the activities and work on global issues with an eye to the next generation is steadily increasing.
8. Evaluated points	Local small and medium-sized enterprises from a wide range of industries have come together to share know-how on understanding and reducing CO2 emissions and carbon offsetting in order to conduct sustainable business activities, and are actively working to expand sales channels for carbon-neutral products, achieving results. This is an initiative that can be highly commended as it will lead to the expansion of the local green market.

Dai Nippon Printing Co., Ltd. (2024 Grand Prize)



1. Overview of the organization	In addition to the printing business, this large company is engaged in a wide range of business activities, including publishing, information innovation, imaging communications, and medical healthcare.
2. Overview of the application	<ul style="list-style-type: none">• By developing and providing environmentally friendly packaging, DNP contributes to reducing CO2 emissions throughout the entire supply chain of client companies and other organizations.• GREENPACKAGING® is a group of packaging products that reduce environmental impact based on the 3Rs + renewables, and contributes to "CO2 reduction," "resource circulation," and "natural environment conservation" in order to realize a more sustainable society.• In FY2023, the reduction in CO2 emissions equivalent over the entire product lifecycle of DNP Environmentally Friendly Packaging GREEN PACKAGING® will be approximately 190,000 tons. This is an increase of approximately 20,000 tons from approximately 170,000 tons in FY2022.
3. Background of the initiative	<ul style="list-style-type: none">• In response to environmental issues such as climate change, marine plastic pollution, and resource depletion, the DNP Group is promoting activities with a strong environmental awareness throughout the supply chain, with the aim of ensuring the symbiosis of its business activities with the global environment. DNP has striven to evolve its initiatives, while being conscious of continuing to develop and popularize environmentally friendly products and to expand the use of LCA.• One representative example of this is its efforts in the area of packaging.• Around 1993, the company began communicating to customers the importance of reducing the environmental impact of packaging throughout its entire life cycle. It introduced LCA in 1997, and began developing a CO2 emissions calculation tool in 2010, which it has used in the design and development of packaging.

Dai Nippon Printing Co., Ltd. (2024 Grand Prize)



4 . Connection to decarbonization

- Reducing CO2 emissions through the widespread use of packaging with low environmental impact throughout its life cycle

5 . Results and effects

- DNP is working to promote the spread of environmentally friendly products and services as a contribution to a carbon-free society.
- Sales of Super Eco Products (products and services that DNP independently evaluates as being environmentally friendly) are calculated annually, and this figure has been on the rise.

スーパーエコプロダクツの売上高推移(単位: 億円) 棒グラフ / スーパーエコプロダクツの総売上高比率(単位: %) 折れ線グラフ



Dai Nippon Printing Co., Ltd. (2024 Grand Prize)



6. Advancement and uniqueness	<p>DNP plant-derived packaging material Biomatech, one of the GREEN PACKAGING products, began development in 2010 and holds many patents. DNP made the license public in 2020, and is currently working to popularize Biomatech together with approximately 90 stakeholders.</p> <p>In addition, from 2022, the company will begin a CO2 calculation service that provides customers with CO2 calculation results for the entire life cycle of packaging.</p>
7. Continuity and development potential	<p>DNP has set a goal of increasing the ratio of GREEN PACKAGING to its packaging-related product sales to 100% by fiscal 2030, and is promoting various initiatives with this goal in mind.</p>
8. Evaluated points	<ul style="list-style-type: none">• In order to reduce the environmental impact of containers and packaging, the company adopted a life cycle perspective from an early stage, focused on understanding the quantitative effects, and has achieved great results through GREEN PACKAGING, which is highly commendable.• By using environmentally friendly materials for packaging, which is essential for all products, consumers are able to purchase natural, green products, which has a large impact on society in terms of scale and is expected to continue to develop further in the future.

EnerBank Co., Ltd. (2024 Excellence Award)



1. Overview of the organization	EnerBank operates an energy GX/DX platform that supports energy procurement and decarbonization for government agencies, local governments, and private companies.
2. Overview of the application	By providing an environment in which competition can be fair and equitable even among different electricity rate menus and conducting bidding through a reverse auction system (a method of bidding down), we are helping public and private electricity consumers to simultaneously reduce their electricity bills and switch to renewable energy.
3. Background of the initiative	<ul style="list-style-type: none">• Since the surge in electricity prices in 2022, the electricity market has changed significantly, with electricity rate menus from retail electricity companies becoming more diverse, while reducing greenhouse gas emissions from electricity is inevitable.• The electricity market began to change significantly around autumn 2021, with many government and local government bids being unsuccessful. From 2023 onwards, the electricity rate menus of retail companies have become more diversified, resulting in even more unsuccessful bids.• Achieving decarbonization requires balancing the environment and the economy, and it is necessary for consumers to respond to changes in the electricity market and make smart choices, and to eliminate information asymmetry.
4. Connection to decarbonization	Promoting low carbon emissions electricity and high renewable energy ratio

EnerBank Co., Ltd. (2024 Excellence Award)



5. Results and effects

- In an auction conducted in FY2023 (Yoshikawa City Hall, Saitama Prefecture), different pricing structures were allowed and competition was increased, resulting in a reduction of approximately 30% from the planned price and a successful switch to 100% renewable electricity.
- In the joint purchase of renewable electricity in the Greater Tokyo Area conducted in spring 2024 (implemented under a partnership agreement with 12 municipalities in the Greater Tokyo Area), a reduction of approximately 12% was achieved compared to Tokyo Electric Power Company's standard rate, while raising the average renewable energy ratio to 86%. Of the 12% reduction, an additional discount due to joint purchases was 3%.

	事業者	料金体系	金額
予定価格	—	—	86,072,917
入札1	A社	旧一電燃調	85,685,427
入札2	B社	市場連動	80,493,629
入札3	C社	独自燃調	78,494,398
入札4	A社	旧一電燃調	78,361,372
入札5	C社	市場連動	69,141,598
入札6 (最安)	D社	旧一電燃調	60,734,469
	割引額	—	¥25,338,448
	割引率	—	29.4%

表. リバースオークション結果例 (埼玉県吉川市様)

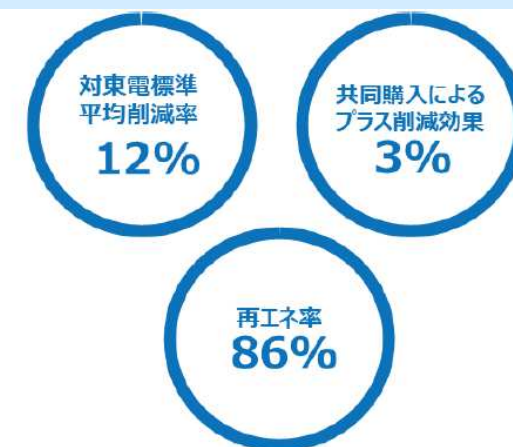


図. 首都圏再エネ電力共同購入の結果概要

EnerBank Co., Ltd. (2024 Excellence Award)



6. Advancement and uniqueness	<p>In order to reduce electricity costs, which are an issue when introducing renewable energy power, we are taking the following advanced and unique initiatives:</p> <ol style="list-style-type: none">1. Adoption of a reverse auction system2. Unique operation that allows fair bidding even with different fee structures3. Joint procurement bundling multiple consumers
7. Continuity and development potential	<ul style="list-style-type: none">• The joint procurement model is one of the effective means of promoting decarbonization while balancing the environment and the economy, and we will develop it into one that is linked to local economic activities.• Deploy decarbonization measures in the residential sector.
8. Evaluated points	<p>This is a service that aims to achieve both reduction in electricity bills and decarbonization in Japan, which has a complex system, and is commendable for steadily achieving results in line with the needs of both the public and private sectors. In addition, the system that supports joint purchasing centered on the government is a system that will encourage further procurement of renewable energy electricity in the future, and is expected to expand.</p>

Tsukuba City (2021 Grand Prize)



1. Overview of the organization	Local government (located in Ibaraki Prefecture)
2. Overview of the application	<ul style="list-style-type: none"> • In order to reduce greenhouse gas emissions, Tsukuba city introduced environmentally conscious electricity contracts for high-voltage facilities. • In order to evaluate the efforts of electricity retailers, they formulated their own evaluation criteria. • A questionnaire was sent to 84 electric power companies capable of supplying electricity to the Kanto region, and specifications were created by compiling conditions that make supply easy. In addition, they held explanatory meetings to alleviate concerns of relevant departments within the city government. • Compared to before the introduction, they were able to reduce greenhouse gas emissions by approximately 692 t-CO2 per year and reduce costs by approximately 70 million yen.
3. Background of the initiative	<ul style="list-style-type: none"> • Increase in energy consumption and greenhouse gas emissions at public facilities due to the city's growing population • Electricity-related emissions account for approximately 90% of greenhouse gas emissions from the city's administrative operations, and tenders can significantly increase greenhouse gas emissions.
4. Connection to decarbonization	We will contribute to combating global warming by prioritizing the procurement of electricity that has low greenhouse gas emissions and a high proportion of electricity generated from renewable energy sources.

Tsukuba City (2021 Grand Prize)



<p>5. Results and effects</p>	<ul style="list-style-type: none"> ➤ Cost reduction: Approx. 70,109,000 yen/year cost reduction ➤ Reduction in CO2emissions: 692.9t-CO2/year reduction ➤ Simplification of operations: Improved work efficiency by consolidating invoices <p>Cost reduction and work efficiency were achieved, overturning the image of related departments that "environmental measures = troublesome, expensive, and unproductive," and trust in environmental measures increased.</p>
<p>6. Advancement and uniqueness</p>	<ul style="list-style-type: none"> • While the main standard is the basic emission coefficient, which allows for the direct evaluation of environmental performance, the qualifications for participation are also set based on the adjusted emission coefficient and the renewable energy ratio in order to widely support the environmental initiatives of business operators. • Toyonaka City in Osaka Prefecture has taken inspiration from Tsukuba City's initiative and begun operating under similar environmental standards, and approximately 10 other local governments have been interviewed.
<p>7. Continuity and development potential</p>	<ul style="list-style-type: none"> • Taking into account social conditions, the participation standards will be raised over the medium to long term and the criteria will be reviewed. • Introduction to low-voltage electricity receiving facilities will also be considered after identifying the issues, benefits and methods.
<p>8. Evaluated points</p>	<ul style="list-style-type: none"> • This is a good example of achieving both CO2 and cost reduction. • The project was highly evaluated for its ingenious approach, such as conducting a questionnaire survey of many electricity retailers and setting up a bidding group that is easy to participate in. This project will be extremely useful for local governments looking to introduce new initiatives, and we can expect it to have a significant ripple effect.

Thank you for your attention.

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