

## Leading City Network on Green Public Procurement

# Activity Report 2019 Daejeon Metropolitan City

## I. Leading City Network on Green Public Procurement

### 1 Project Introduction

The Korea Environmental Industry & Technology Institute (Contracting Entity) and the ICLEI Korea Office (Executing Agency) initiated the “Leading City Network on Green Public Procurement” project in July 2019—currently being executed hand in hand with Gyeonggi-do Province (Goyang City, Bucheon City), Daejeon Metropolitan City and Busan Metropolitan City—to help local governments acknowledge the necessity and significance of Green Public Procurement (GPP) in addressing climate change and achieving regional sustainable development, and to lay the foundation for voluntary participation.

### 2 Major Activities

- **(Consulting)** Analyze participating local governments’ green public procurement performance and prepare improvement measures
- **(Form a network)** Construct a Korean league of leading cities on green public procurement
- **(Strengthen capability)** Support activities to reinforce cities’ abilities to improve green public procurement
- **(Publicize performance)** Publicize excellent performance by local governments in green public procurement and develop best practices

### 3 Key Targets & Achievement Methods

#### Key Targets

- 1 Increase the participating local governments’ share of green public procurement by 10%p or more by 2020
- 2 Form a network of local governments (Gyeonggi-do Province, Daejeon Metropolitan City, Busan Metropolitan City), professional agencies and civil societies
- 3 Produce best practice materials (Korean/English activity reports, case reports, card news). Publicize performance via domestic and international networks

#### Achievement Methods

[WP1]	[WP2]	[WP3]
Consultation to enhance the execution of GPP and training to reinforce capabilities	Leading City Network on Green Public Procurement	Performance management and PR activities
Develop performance improvement targets and execution measures to achieve the objectives via consulting / expert lectures / participatory workshops	Offer a foundation for continuous exchanges and cooperation by creating a domestic network of GPP with three metropolitan cities, professional agencies and civil societies	Create and document best practices to publicize performance throughout the country and abroad

## II. Daejeon Metropolitan City's Green Public Procurement

### 1 General Status

- Daejeon Metropolitan City consists of 5 autonomous districts and 79 administrative dong (bodies) with around 1.47 million population. It accounts for 0.5% (539.5km<sup>2</sup>) of the country's area and acts as a major traffic point, geographically situated at the center of the South Korea.
- The total 2019 budget was 8.3487 trillion won (6.85 billion US dollars), and the slogan "New Daejeon with Citizens' Power" was adopted at the 7th popular election, denoting that citizens, as owners of the city, will use their power to help build a new Daejeon.

### 2 Green Public Procurement Policy

- Daejeon Metropolitan City is acting to expand green public procurement within its jurisdiction through a comprehensive plan for environmental preservation (2015–2024), an ordinance on green product purchase facilitation, a green product purchase vitalization plan, etc.
- The city is endeavoring to spread sustainable consumption and production to not only the public sector but also the private sector by operating the Daejeon Environment-Friendly Life Support Center
  - ※ Provides consulting for companies' green product certification, holds green purchase talk concert/forum, etc.
- Moreover, Daejeon holds an annual training session on facilitating green product purchases and an annual environment academy, etc. to raise awareness of green products, thereby contributing to the enhancement of green public procurement
- The green public procurement performance of Daejeon Metropolitan City has been on the rise for the past four years. In 2018, the share of green public procurement improved by over 10%p year-on-year.

(Units: 1 million USD, %)

[Table 1]  
Daejeon  
Metropolitan City's  
Green Public  
Procurement  
Status in  
2015–2019

Category	Organization	Year	Total Expenses	Green Purchase Expenses	Share
1	Daejeon Metropolitan City	2015	36.28	11.16	30.77
2	Daejeon Metropolitan City	2016	32.50	11.98	36.89
3	Daejeon Metropolitan City	2017	36.80	14.04	38.2
4	Daejeon Metropolitan City	2018	38.65	18.70	48.4
5	Daejeon Metropolitan City	2019	39.43	22.88	58.0

※ Source: Ministry of Environment – Report on green product purchases by public institutions (2015–2019)

## III. Project Status

### 1 Background and Purpose of Project Participation

- Daejeon Metropolitan City aims to establish the foundation for green growth—proliferating green public procurement and nurturing companies that produce green products and services—by taking part in this project.
- Moreover, the city is attempting to expand government-led green purchases to civil society through such participation.

### 2 2019 Activities

- **Set Key Targets and Selected Core Items**
  - **Target:** 50% in 2019, 53% in 2020
    - ※ 2020 target has been set to increase the green product purchase share by 10%p compared to green public procurement performance in 2018.
  - **Core Items:** Asphalt Concrete, drainpipe, lighting fixtures
    - ※ Items that showed high expenditures but low green public procurement execution rates in 2018 were selected as core items.

[Table 2]  
Daejeon  
Metropolitan City's  
Green Public  
Procurement  
Targets

(Unit: %)

Category	2018	2019		2020 (Target)
		Target	Result	
Total Purchase Rate	48.4	50	58	53
Item 1: Asphalt Concrete	44.1	45	51.2	50
Item 2: Drainpipe	17.1	18	38.5	25
Item 3: Lighting fixtures	23.8	30	24.2	50

• Selected Core Tasks

- **(Core items)** Hold meetings to increase purchase rates of core items such as asphalt concrete, drainpipe, and lighting fixtures, etc. (2020)
- **(Performance management)** Reflect green public procurement indicators in performance management (BSC) (2020)
- **(Guidelines)** Create and distribute guidelines on core items including recycled asphalt concrete and drainpipe (2019)

• Consulting Provided to Improve Execution

1st Consultation	2nd Consultation	3rd Consultation	4th Consultation
Sep 09, 2019 (Mon)	Oct 07, 2019 (Mon)	Nov 25, 2019 (Mon)	Dec 16, 2019 (Mon)
Shared project direction and plans (launched briefing session)	Set GPP targets, selected core items, and identified system improvement points	Wrapped up 2019 project achievements and discussed ways to increase supply in 2020	Discussed major outcomes of 2019 and joint activity plans for 2020 (performance briefing session)

## Held Local Government Meeting

- **Date** Nov 07, 2019 (Thu) 16:00–17:00
- **Venue** Daejeon Metropolitan City 3F meeting room
- **Participating Districts (gu)** Seo-gu, Jung-gu, Dong-gu, Daedeok-gu, Yuseong-gu
- **Content** Shared the analysis and outcome of execution by item, analyzed factors that hindered or facilitated execution, derived short- and long-term goals
- **Conclusion and Implications**
  - 1) Requested local governments to state obligatory green product purchases on design guidelines, purchase guidelines, etc. when procuring government-furnished materials
  - 2) Enhance the capabilities of local governments within the region by sharing best practices such as the “preliminary impact assessment system” implemented by Seo-gu
  - 3) Raised the issue of creating a “best construction practices casebook” to improve the perception of recycled asphalt concrete quality both at home and abroad



## Held Joint Workshop to Vitalize the Local Governments' Green Public Procurement

- **Date** Oct 25, 2019 (Fri) 14:00–16:00
- **Venue** #300 COEX, Seoul
- **Participants** Approx. 100 participants including public officials from various regions including the cities participating in the project (Daejeon Metropolitan City, Busan Metropolitan City and Bucheon City)
- **Content** Shared green public procurement status in the Republic of Korea, introduced the current activities and outcomes of the Leading City Network project on Green Public Procurement, shared the best practices regarding local governments' green public procurement (Busan and Suwon), Talk4Action (Daejeon, Busan, and Bucheon)
- **Conclusion and Implications**
  - 1) Provides an ongoing forum for cooperation so that outstanding policies and cases for benchmarking from other regions could be shared
  - 2) Facilitates training to improve public officials' perception to help them come up with measures to increase voluntary green purchases



## Offered Training Sessions to Reinforce Capabilities

### 2019 Nationwide Training on Green Public Procurement Guidelines

- **Event** 2019 Nationwide Training on Green Public Procurement Guidelines
- **Date** Nov 07, 2019 (Thu) 14:00–16:10
- **Venue** Daejeon Metropolitan City Auditorium (3F)
- **Open to** Those in charge of green purchases and major procurement departments in the Chungcheong Provinces
- **Training Content**
  - 1) Raise green public procurement awareness and introduce purchase guidelines
  - 2) Recycled asphalt concrete system and best practices at home and abroad



### 2019 Environment Academy

- **Event** 2019 Environment Academy
- **Date** Dec 03, 2019 (Tue) 15:00–17:00
- **Venue** Daejeon Metropolitan City Seminar Room (3F)
- **Open to** Approx. 100 city/district public officials working in the environment field, Daejeon City
- **Training Content**
  - 1) Introduction of the Leading City Network project on Green Public Procurement
  - 2) Domestic/overseas trends in green public procurement and its necessity
  - 3) Local government's role in green public procurement



## Produced and Distributed GPP Guidelines

- **Recycled Asphalt Concrete**
  - Definition of recycled asphalt concrete, ways to purchase, environmental and economic benefits
  - Manufacturers within Daejeon Metropolitan City jurisdiction (10)
  - Information on construction materials for Daejeon on the Korea ON-line E-Procurement System (KONEPS)
- **Drainpipe**
  - Definition of recycled drainpipe, criteria for certification, etc.
  - Information on construction materials for Daejeon on the Korea ON-line E-Procurement System (KONEPS)



### 3 Core Tasks for 2020

- **(Performance management)** Apply performance management criteria regarding green public procurement to each team
- **(Cooperation)** Prepare an environment for cooperation in enhancing green public procurement by pursuing joint meetings of the construction and civil engineering and accounting departments, which are separated at the moment
- **(Monitoring)** Contribute to the purchase rate increase by distributing green purchase performance results to the relevant teams and autonomous districts
- **(Consumer-producer communication channel)** Improve the perception of green products and develop ways to encourage their supply by establishing a communication channel among consumers and producers
- **(Reinforce inter-city network)** Share best practices on green public procurement and discuss measures to facilitate production through the participation of high-level officials

## IV. Daejeon's Commitment to Green Public Procurement



Daejeon aims to build a foundation for low carbon and green growth by expanding green purchases in the public sector, thereby highly encouraging the production and consumption of green products and services in the private sector!

