

Sustainability & Green MICE with coex

Sustainable development for the future



coex

Sustainable Development with Coex

Future thinking on sustainable development

Our small step towards creating a green future, will surely make the world more beautiful!

This document refers to green activities for Coex Venue

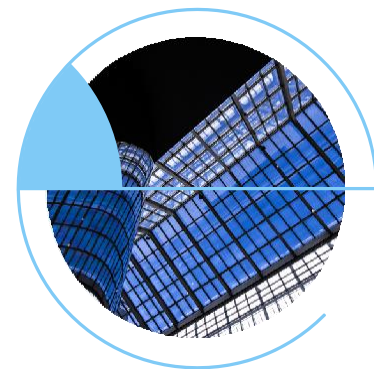
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Coex
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1 Sustainable Service

AV Drop (reusable green solution)
XPAGE & Digital Gate Media
Paperless Event



2 Sustainable Management

Ultra-energy efficient LED
Rainwater re-use and grey water treatment system(water recycling)
Operation of new renewable energy system
Green Coex
LEED (Leadership in Energy and Environmental Design) certification

1 Sustainable Service



Coex is committed on its journey to maintain Green MICE & Sustainability, making social responsible choices and creating lasting impact on the communities we serve. We will continue to not only create environmental friendly events but also maintain a positive long term impact on future.

SERVICE

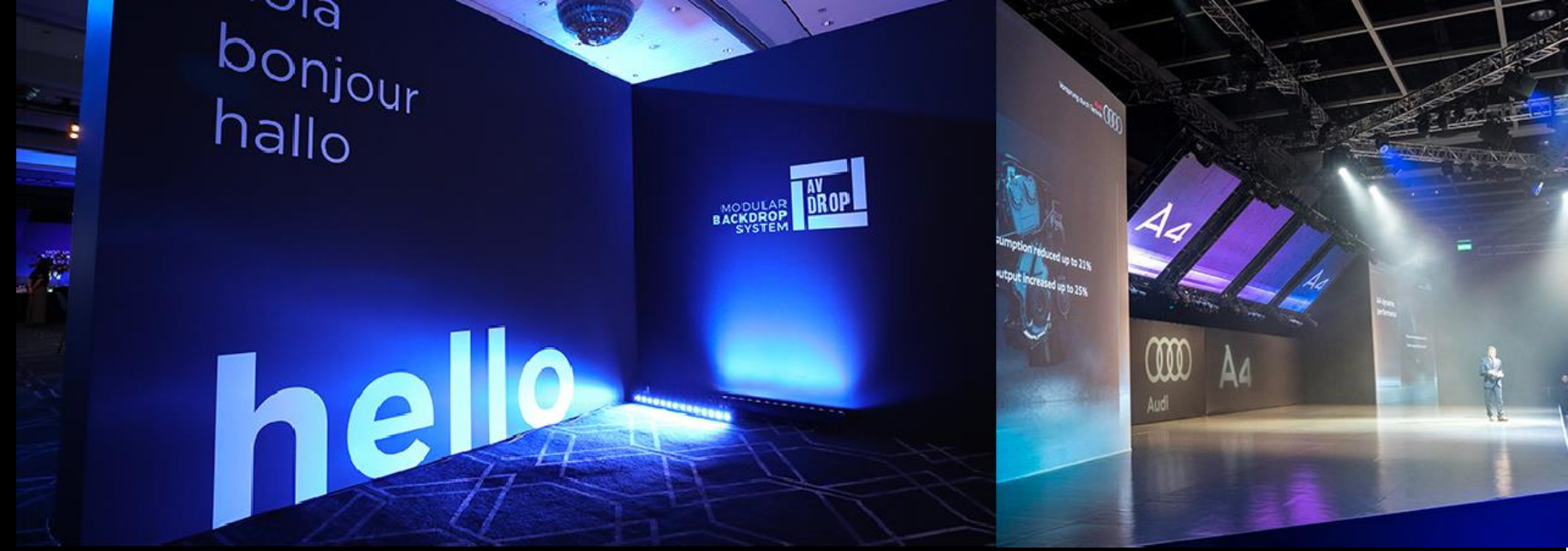
AV Drop (reusable green solution)

#Digitalization

#Recycle

Upcycling

#ESG



2022 COEX
REDUCE
CO₂
4,000kg

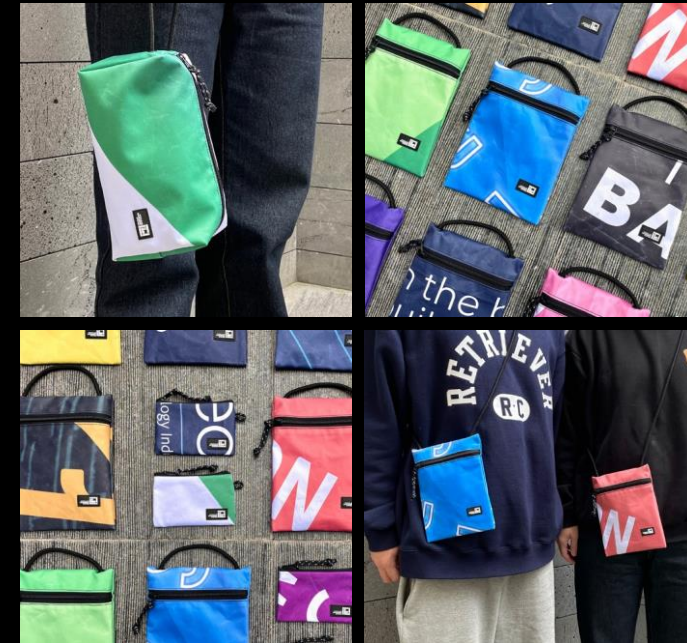
=
610
pine trees
80
AV Drop

(Source: Ministry of Environment/KBS, 20 proposals to protect the Earth_Public Transportation - Estimated Absorption from Forest Carbon Center of the National Institute of Forest Science)

Coex provides eco-friendly product services using AV Drop, an assembled stage back drop system that can be 100% recycled with aluminum. We are practicing resource recycling through eco-friendly construction that does not use wood consumed for one-time use.

Using about 80 AV Drops services a year could reduce 4 tons of carbon dioxide, which is the same amount that pine trees consume a year.

Coex strives for eco-friendly events and sustainable global environment through the spread of AV Drop business.



Coex's AV Drop helps to reduce the quantity of waste produced by upcycling discarded banners. Our products like bags, wallets and accessories enable you to go that extra mile in your environmental efforts.

Nukak

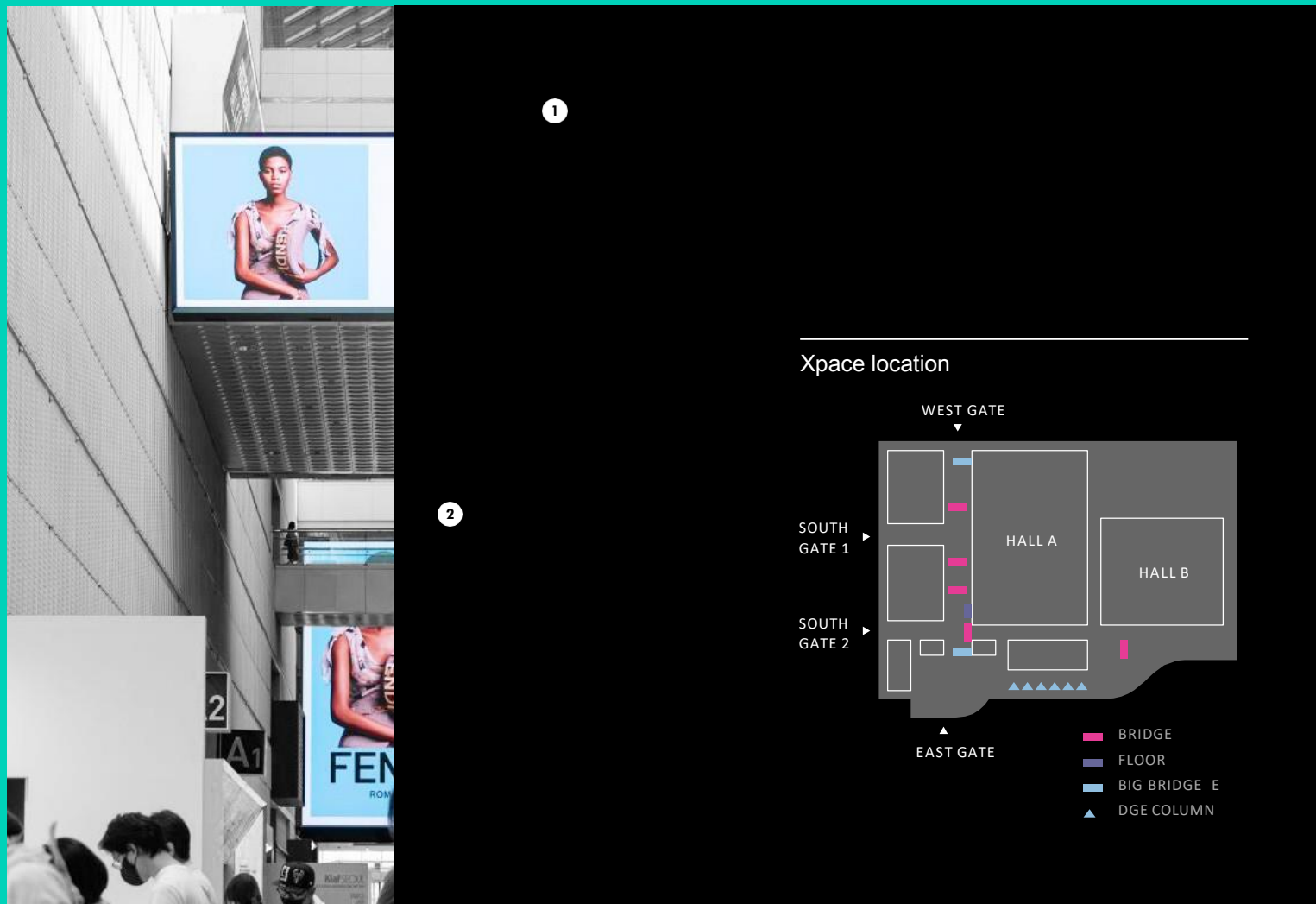
SERVICE

Xpace & Digital Gate Media

#Digitalization

#Recycle

#ESG



- 1. BRIDGE Xpace
- 2. BIG BRIDGE Xpace
- 3. Digital Gate Media
- 4. EDGE COLUMN Xpace

Coex strives to provide an environmentally friendly MICE space by using digital media instead of signboards and banners.

Xpace helps us cut 21,000m² of physical waste annually from old-style promotional banners, the rough equivalent of three soccer fields

Total area of signboards and banners saved at Coex every year:

21,000 m²



350k
A4 Papers



Equivalent of
3 soccer fields



SERVICE

Paperless Event

#Digitalization

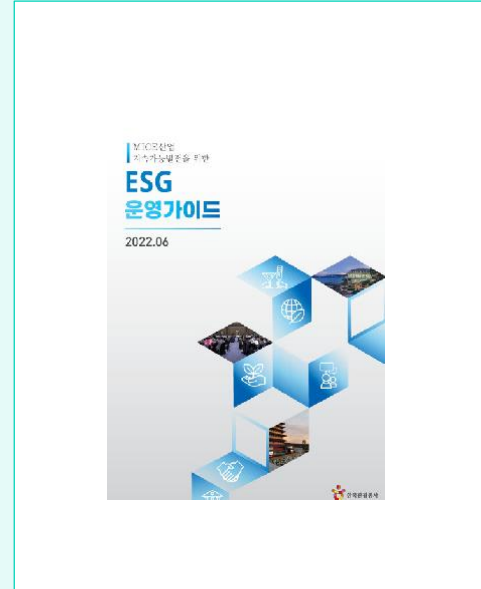
#Recycle

#Paperless

#ESG



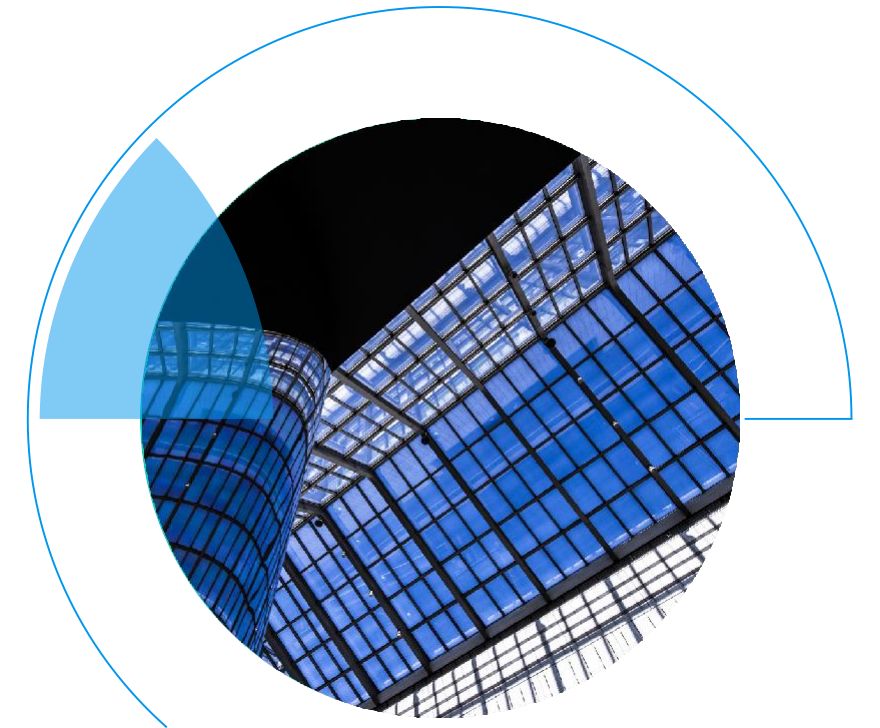
In line with its Green IT strategy, Coex has converted paper document work that occurs during the exhibition hall/conference room lease and exhibition application process into electronic documents. In addition, various promotional materials and distributions (online directory, online status board, etc.) are produced in electronic form for a more environmentally friendly event.



Based on the "ESG Operation Guide for Sustainable Development of the MICE Industry" released by the Korea Tourism Organization(KTO) in June 2022, Coex actively encourages ESG activities by suggesting ESG checklist applicable to the event and providing additional benefits for lease contract if they exceed certain standards.

2 Sustainable Management

Sustainable Venue Operation Provided by Coex



Coex strives to proactively respond to increasingly serious environmental problems such as climate change and energy crisis, and to operate an eco-friendly facility management system that can achieve practical effects through active will and activities. Coex has separately established WTC Seoul, a company specializing in trade center asset and facility management, to further systematize facility management through FMS (Facility Management System) and increase customer satisfaction.

Efficient Energy Management

#Environmental

#Recycle

#Renewable Energy



Ultra-energy efficient LED

Following the ongoing efforts to raise energy efficiency in our facilities, we replace old lighting with high-efficiency LED lights every year. We are striving to reduce electricity bills and improve quality of service for organizers and visitors.

Rainwater re-use and grey water treatment system (water recycling)

Coex operates grey water treatment facilities, located on the third basement floor of Coex exhibition halls, to reclaim wastewater efficiently. Recycled wastewater is used in public bathroom in the convention center. This water treatment system contributed to saving about KRW 500 million in water supply costs and 30 tons of carbon emission reduction.

Renewable Energy Utilization

System	Details	Effect
Installation of Geothermal heat pump system	<ul style="list-style-type: none"> Adapted renewable energy following the expansion of Live Plaza (24,942m²) in 2015 Installed geothermal heat pump 460RT, 100 geothermal hole 	Saves approximately KRW 150 million in cooling and heating system and reduces 600 tons of CO ₂ emission per year
Installation of Solar water heat pump system	<ul style="list-style-type: none"> Adapted hot water heat pump instead of gas that costs high energy unit price Adapted 16 electric hot water heat pump system in 2018 	Saves approximately KRW 360 million in energy cost and reduces 900 tons of CO ₂ emissions per year
Considering hydrothermal system	Adapted renewable energy by improving aging facilities, following government policies (carbon neutrality, etc.) and promoting ESG management in 2021	Saves approximately KRW 810 million in energy cost and reduces 1,390 tons of CO ₂ emissions per year

Green Coex

#Environmental

#Recycle

#Certification

#Renewable Energy

Green Coex

Coex will continue promoting eco-friendly infrastructure improvement activities to minimize the environmental impact of buildings and to ensure that local citizens can use the facilities in a pleasant environment by designing buildings and civic facilities in an eco-friendly manner. We have an ecological rooftop garden and a 'Trade Wind Garden', giving visitors ample environmental rest areas and working to insulate buildings and alleviate the urban heat island phenomenon.



LEED Certificate

LEED (Leadership in Energy and Environmental Design) is the world's most widely used green building certification program developed by the U.S. Green Building Council (USGBC). More than 4,000 buildings in 103 countries worldwide have been LEED certified, and there are about 20 buildings that have been certified in Korea.

EarthCheck Silver Certificate

EarthCheck certification is the global green certificate developed by EC3 Global, based in Australia. The certification is designed to meet or exceed best performance benchmarks after carefully analyzing the effort and performance of target institutions against global best practices.





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will surely make the world more beautiful!