

Construction of Eco friendly, Smart Airport



The demand for air transportation has grown at 8% on the annual average in the recent six years (2010~2015), and the IIAC's operational capacity is expected to reach its limit in 2017. To respond to the problem, the second passenger's terminal is currently constructed in North-Western part of the first passenger's terminal, which will be ready to operate in the end of 2017. The second passenger's terminal, in the form of "Eco-friendly Smart Airport," will present the future airport model. "Green Airport breathing with the nature inside a park, Energy Efficient Eco-airport, and Smart Airport created from the convergence of industrial technologies" will be the new name of IIAC in the future.



GREEN AIRPORT
 Realization of Green Airport
 Realization of Green Airport
 An airport inside a park breathing with the nature
 01 Expansion of green airport
 02 Creation of waterfront
 03 Creation of buildings where the nature breathe inside

IIAC will realize the Green Airport which is an eco-friendly airport harmonizing with the nature, culture and relaxation and an "Airport inside a Park" breathing with the nature, based on expansion of airport's green area, creation of waterfront area, and establishment of eco-friendly buildings.

ECO AIRPORT
 Realization of an low energy, Eco-Airport
 Low Carbon, Eco-friendly, Clean Airport
 01 Low energy consuming airport
 02 Carbon reduction
 03 Expansion of renewable energy

Newly emerging business models to prevent pollutions and protect the environment such as carbon trading, renewable energy, hybrid and electric cars imply that eco-friendly alternatives are the main growth driver in the future.

SMART AIRPORT
 Realization of the Smart Airport
 Realization of the Smart Airport
 Applying cutting-edge Technology
 Utilize Airport with cutting edge technology and the contents
 01 Smart Service Passenger's entrance
 02 Enhanced ICT Airport operation service
 03 Enhanced Airport software

You will meet the Smart Airport which will optimize the departure and arrival process and utilize the Airport resources efficiently based on high-end smart technology.

2016 Spotlight

IIAC has achieved, complied and maintained internationally recognized environmental standards such as Energy Management System (ISO 50001), Environmental Management System (ISO 14001), and ACI Airport Carbon Accreditation Level 3 as the basic framework of our Low Carbon, Eco-friendly Management, which provide the basis for establishing and implementing our strategy and action plan.

IIAC 's Green Report won Platinum from US LACP



IIAC's Green Report was listed as the Platinum Winner again in 2016 in the corporate social responsibility reporting category from the Vision Awards held by the U.S.-based League of American Communications Professionals (LACP), which recognized IIAC's Low Carbon Eco-friendly Management performance

and the effectiveness in communication with stakeholders. IIAC has won the grand award for the past four consecutive years.

Renewal of
ACI Airport
Carbon Accreditation
Level 3

IIAC's Green Report won ARC Awards from US MerComm



IIAC's Green Report won the Silver Award in the environmental reporting category of the ARC Awards organized by MerComm, a U.S.-based annual report assessment organization. The decision was made upon evaluation of 2,000 annual environmental reports submitted from 70 countries. IIAC was awarded

again in the two consecutive years followed after the ARC Grand Award 2015, proving that IIAC is the global leader in environmental management as well as sharing and advertising the achievements with its stakeholders.

Taking the global leadership in climate change issue, IIAC is implementing Low Carbon, Eco-friendly Management. Our Low Carbon, Eco-friendly Management system was accredited with Airport Carbon Accreditation-Level 3, which shows successful operations of energy management system. Continual accreditation of Level 3 proves that Incheon International Airport is a world-class airport in the eco-friendly management as well as in airport service.

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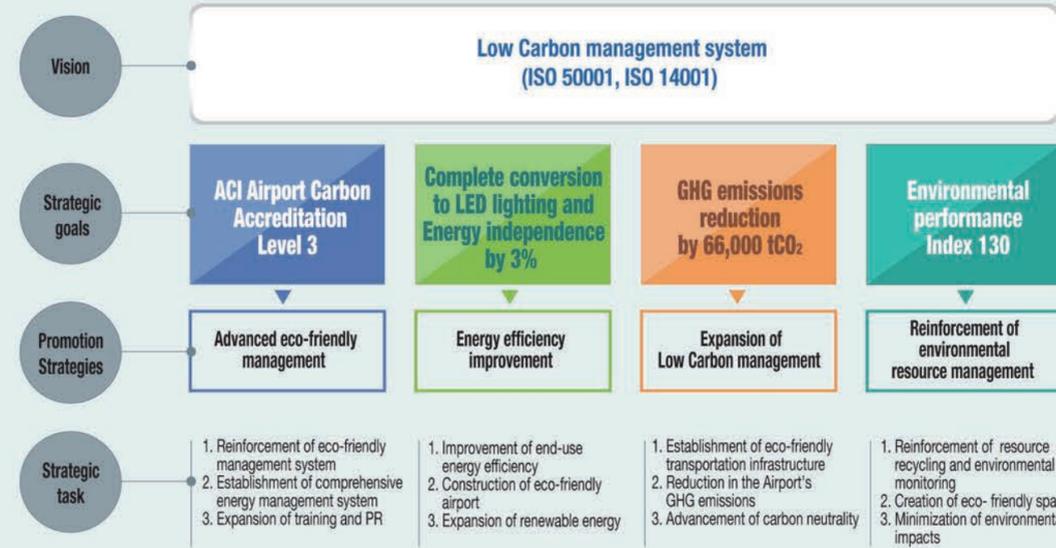
GREEN INSIGHT

Incheon International Airport Corporation
Green Report 2017



Vision and Four Strategic Goals by 2020

Having "The Global Leading Low-Carbon, Eco-friendly Airport" as our vision for environmental and energy management, IAC has played a leading role as an international airport company. We strives to fulfill its four strategic goals, including advancement of eco-friendly management, improvement of energy efficiency, expansion of low-carbon management, and reinforcement of environmental resources management.

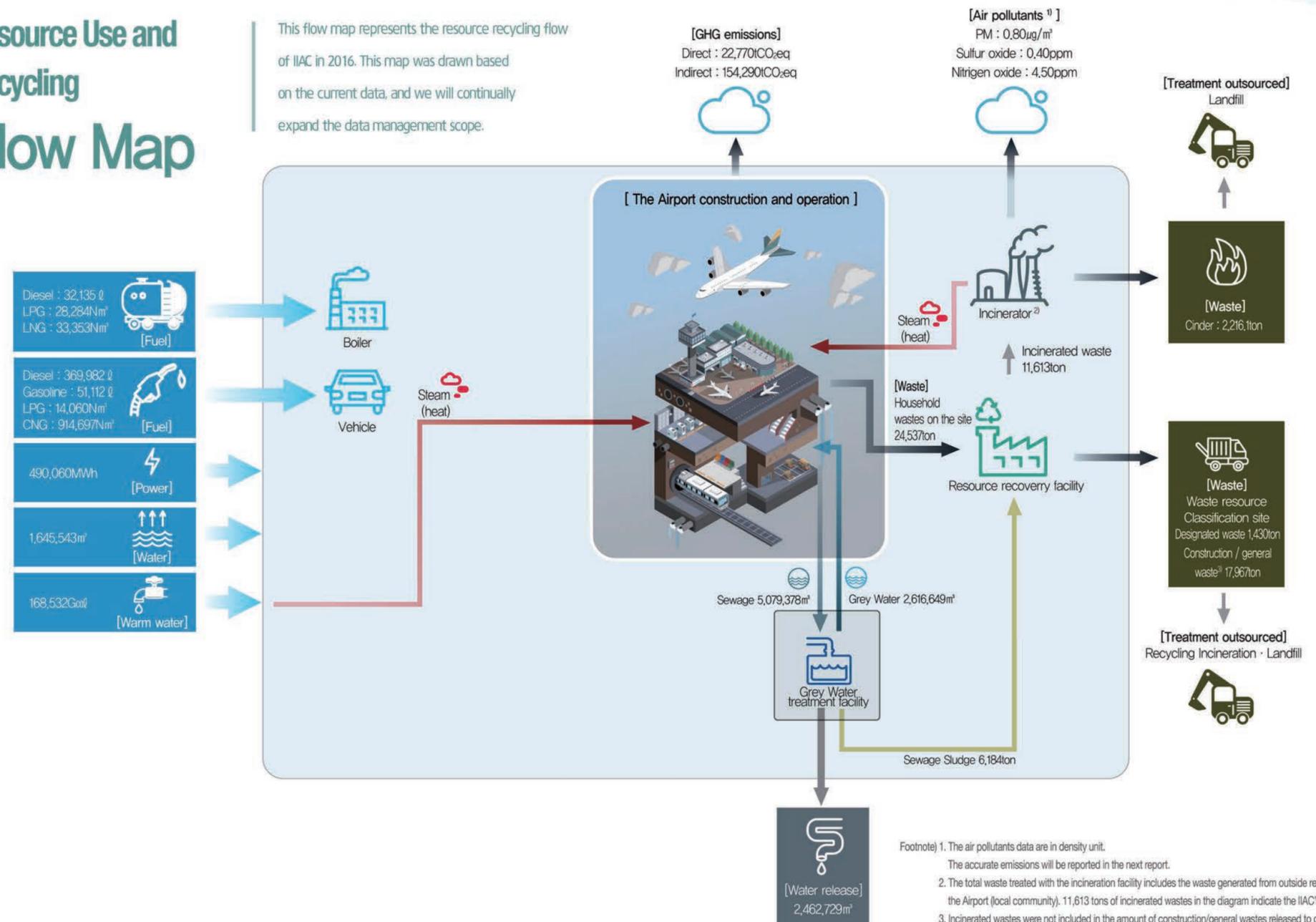


Roadmap to achieve the strategic goals By 2020, Incheon International Airport Corporation has made a detailed roadmap for each of its four strategic divisions and is working to implement a low-carbon eco-friendly airport.

Strategy	Action items	2014	2015	2016	2017	2020
Advancement of eco-friendly management	Systemization of eco-friendly management	Airport Carbon Accreditation and ISO 50001 certification	Designated as a green corporation		Advancement of the energy management system	
	Establishment of comprehensive energy management system	Operation of the Energy Conservation Promotion Committee and tightened supervision of energy management to tenant companies and subcontractors				
	Expansion of training and PR	e-Learning	Construction of a PR hall	Expert training	Energy consulting for overseas airports	
Energy efficiency improvement	Improvement of end-use energy efficiency	Energy audit	Replacement of freezer	LED 75%	Conversion to LED lamps	LED 100%
	Construction of eco-friendly airport	Construction of an airport with the 1st grade in energy efficiency and greenness				
	Expansion of renewable energy	PV 500kW	PV 240kW	PV 360kW	4,124kW in 3 steps 5,250kW of Geothermal energy	PV 1,970kW
Expansion of low carbon	Establishment of eco-friendly transportation	Hydrogen bus project	Incentives for eco-friendly vehicles	Expansion of battery charging facilities	Introduction of hydrogen-fueled vehicles and battery charging stations	
	Reduction of airport's greenhouse gas emissions	Low carbon hubs	Replacement with AC-GPS (200 units) and PC-AIR (44 units) manufactured in Korea			
	Advancement of carbon neutrality	Carbon mileage	Signing voluntary GHG reduction agreement with tenant companies		Plan for the afforestation project in forestry	
Reinforcement of environmental resources management	Reinforcement of resource recycling and environmental monitoring	Reduction of pollution through more active waste recycling and monitoring				
	Creation of eco-friendly space	Improvement of the landscape of the terminal entrances	Project for the creation of the World Peace Forest		Project for the creation of a multi-cultural space	
	Minimization of environmental impact	Training and audit for minimization of environmental impacts				

Resource Use and Recycling Flow Map

This flow map represents the resource recycling flow of IAC in 2016. This map was drawn based on the current data, and we will continually expand the data management scope.



Footnote) 1. The air pollutants data are in density unit. The accurate emissions will be reported in the next report.
2. The total waste treated with the incineration facility includes the waste generated from outside regions of the Airport (local community). 11,613 tons of incinerated wastes in the diagram indicate the IAC's incinerated wastes
3. Incinerated wastes were not included in the amount of construction/general wastes released to outside of the IAC.

