

Environmental Protection Department

Spatial Data Plan for 2023 to 2025

A . Departmental datasets to be opened up in 2023

Item No.	Type of Data	Name of Dataset	General Description	Target Release Date (in mm/yyyy)	Update Frequency
1	Environment	Schools participating in the "Waste Separation and Recycling Scheme in Schools"	Locations of schools participating in the "Waste Separation and Recycling Scheme in Schools". Students can understand the importance of resource conservation and waste separation through practicing proper separation of waste for recycling.	01/2023	Yearly
2	Environment	Historical Beach Water Quality Data	Beach Water Quality data since 1986 (To be updated yearly along with the publication of the beach water quality annual report (usually in April))	03/2023	Yearly
3	Environment	Past Record of Air Pollution Index	Hourly Air Pollution Index (API) at individual Air Quality Monitoring stations from July 1999 to December 2013	03/2023	One-off
4	Land Information	Open Space Database of Recycling Station	The information of the open spaces of Recycling Station	03/2023	As and when there is update
5	Environment	Historical River Water Quality Data	River Water Quality data at different monitoring stations since 1986	06/2023	Yearly

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Item No.	Type of Data	Name of Dataset	General Description	Target Release Date (in mm/yyyy)	Update Frequency
6	Environment	Location of Centres of ECF Surplus Food Recovery Projects	The Environment and Conservation Fund (ECF) has started funding non-profit organisations in the recovery of surplus food since July 2014. The recipient organisations collect surplus food from wet markets, retail shops, supermarkets, club houses, hotels and food suppliers etc. and redistribute them to the needy. Locations of centres of on-going ECF-funded Surplus Food Recovery Projects will be available for organisations' and public's reference.	06/2023	Twice per Year
7	Environment	Location of Wet Markets Covered by ECF Surplus Food Recovery Projects	Locations of wet markets which are covered by on-going ECF-funded Surplus Food Recovery Projects will be available for organisations' and public's reference.	06/2023	Twice per Year
8	Environment	Smart Lampposts Air Quality Data	Air quality data including nitrogen monoxide, nitrogen dioxide and PM2.5 concentrations measured by Smart Lamppost sensors	06/2023	Every 5 Minutes
9	Environment	Disposal Records of Municipal Solid Waste at Various Waste Management Facilities	Disposal records of municipal solid waste at refuse transfer stations and landfills under the Municipal Solid Waste Charging Scheme	07/2023	Daily

A . Departmental datasets to be opened up in 2023

Item No.	Type of Data	Name of Dataset	General Description	Target Release Date (in mm/yyyy)	Update Frequency
10	Environment	EIAO Projects in Hong Kong	Projects with application for (i) permission to apply directly for environmental permit; or (ii) approval of environmental impact assessment report under the Environmental Impact Assessment Ordinance	09/2023	Quarterly
11	Environment	Historical E. coli levels in Victoria Harbour from Central/Wan Chai to Siu Sai Wan since 2004	E. coli levels in Victoria Harbour from Central/Wan Chai to Siu Sai Wan since 2004	09/2023	Yearly
12	Environment	Historical Marine Water Quality Data	Marine Water Quality data at different Marine Water Quality Monitoring stations since 1986	09/2023	Yearly
13	Environment	Information of Authorized Retailers and Automatic Vending Machines of Designated Bags and Designated Labels	The location and available items of designated bag and designated label of authorized retailers and automatic vending machines	09/2023	As and when there is update

B . Departmental datasets to be opened up in 2024 and 2025

Item No.	Type of Data	Name of Dataset	General Description	Target Release Date (in mm/yyyy)	Update Frequency
1	Environment	Issued Construction Noise Permit	Online System for searching the issued Construction Noise Permit and the corresponding information	12/2025	Daily
2	Environment	List of Clinical Waste Collectors	A list of Licensed Clinical Waste Collectors approved by EPD	12/2025	Quarterly
3	Environment	List of Licensed Chemical Waste Collectors	A list of Licensed Chemical Waste Collectors approved by EPD	12/2025	Quarterly

C . Datasets planned to be opened up by other organisations

Item No.	Type of Data	Name of Dataset	General Description	Target Release Date (in mm/yyyy)	Update Frequency
1	N/A				

D . Progress: Datasets already opened up on CSDI Portal by Department and other organisations

Item No.	Type of Data	Name of Dataset	General Description	Released Date (in mm/yyyy)	Update Frequency
1	Environment	Air Quality Monitoring Network of Hong Kong	The air quality monitoring network of Hong Kong is composed of general and roadside air quality monitoring stations, which continuously monitor the pollutant levels at the ambient air and roadside respectively.	12/2022	As and when there is update
2	Environment	Beach Water Quality Grading	Latest information on beach water quality grading (updated data are generally posted onto this webpage within 48 hours after sampling)	12/2022	As and when there is update
3	Environment	Current Air Quality Health Index	Current Air Quality Health Index (AQHI) at individual general and roadside Air Quality Monitoring stations	12/2022	Hourly
4	Environment	EPD Customer Service Counters	A number of polluting activities and operations require permits or licences. To save applicants' time, the EPD has established Customer Service Counters at all of its Regional Offices. The department also receive electronic submissions. For details, please refer to EPD Webpage.	12/2022	As and when there is update
5	Environment	Environmental Education & Resource Centres	The Environmental Resource Centres are located in Wan Chai and Mid-Levels. The two centres offer a variety of educational displays and activities, each with its own special attractions.	12/2022	As and when there is update

D . Progress: Datasets already opened up on CSDI Portal by Department and other organisations

Item No.	Type of Data	Name of Dataset	General Description	Released Date (in mm/yyyy)	Update Frequency
6	Environment	Hydrogen Sulphide Monitoring Data at the Boundary of WENT and NENT Landfills	Hydrogen Sulphide monitoring data at monitoring locations	12/2022	Every 15 Minutes
7	Environment	Past 24-hour Air Quality Health Index	Air Quality Health Index (AQHI) at individual general and roadside Air Quality Monitoring stations for the past 24 hours	12/2022	Hourly
8	Environment	Past 24-hour Pollutant Concentration	Pollutant Concentration at individual general and roadside Air Quality Monitoring stations for the past 24 hours	12/2022	Hourly
9	Environment	Past record of Air Quality Health Index	Hourly Air Quality Health Index (AQHI) at individual Air Quality Monitoring stations since 30 December 2013	12/2022	Twice per Year
10	Environment	Pollution Complaint Statistics	The Pollution Complaint Statistics is a breakdown by District and Nature.	12/2022	As and when there is update
11	Environment	Recent E. coli levels in Victoria Harbour from Central/Wan Chai to Siu Sai Wan	Recent E. coli levels in Victoria Harbour from Central/Wan Chai to Siu Sai Wan	12/2022	Monthly
12	Environment	Recent Marine Water Quality Data	Recent Dissolved Oxygen (DO) and bacteria (E. coli) data at different Marine Water Quality Monitoring stations	12/2022	Monthly
13	Environment	Recent River Water Quality Data	Recent Dissolved Oxygen (DO) and bacteria (E. coli) data at downstream monitoring stations of major rivers	12/2022	Monthly

D . Progress: Datasets already opened up on CSDI Portal by Department and other organisations

Item No.	Type of Data	Name of Dataset	General Description	Released Date (in mm/yyyy)	Update Frequency
14	Environment	Reverse Vending Machine Pilot Scheme	Provision of information on the locations and service hours of reverse vending machines (RVMs) under the RVM Pilot Scheme, where public can return used plastic beverage containers for instant rebate. Please refer to the dedicated website of the Pilot Scheme for more information.	12/2022	As and when there is update
15	Environment	Waste Less - Recyclable Collection Points Data	"Waste Less" is a mobile app developed by the Environmental Protection Department (EPD) of the Government of the Hong Kong Special Administrative Region, fitting for a variety of mobile devices. The primary purpose of this mobile app is to provide information of recyclable collection points in public places of Hong Kong. It covers recycling bins and collection points for paper, metals, plastics, glass bottles, fluorescent lamps, rechargeable batteries, small electrical and electrical equipment, regulated electrical equipment, clothes, barbecue forks and tetra pak.	12/2022	As and when there is update
16	Environment	Waste Management Facilities	EPD Waste Management Facilities include Strategic Landfills, Refuse Transfer Stations, Chemical Waste Treatment Centre, Sha Ling Livestock Waste Composting Plant, Animal Waste Composting Plant, EcoPark, WEEE·PARK.	12/2022	As and when there is update

D . Progress: Datasets already opened up on CSDI Portal by Department and other organisations

Item No.	Type of Data	Name of Dataset	General Description	Released Date (in mm/yyyy)	Update Frequency
17	Environment	Water Filling Stations in Government Venues for Public Use	Provide the locations of the water filling stations available in government venues for public use to facilitate the public to inculcate a "bring your own bottle" culture and reduce the use of bottled water.	12/2022	As and when there is update
18	Transportation	Availability of EPD-owned electric vehicle chargers in government vehicle parks	Real time availability of EPD-owned electric vehicle chargers in government vehicle parks	12/2022	Every 1 Minute
19	Transportation	Electric Vehicle Chargers for Public Access	Location and details of electric vehicle chargers offered by the Government and private sector for public access.	12/2022	Quarterly

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December 2022