

## DEVELOPMENT OF SEPARATE WASTE COLLECTION SERVICES

### CATEGORY

Waste management efficiency and recycling (Waste collection and sorting upgrades)

### LOCATION



### DESCRIPTION

#### 1) TRANSFORMATION OF THE SORTED WASTE COLLECTION SYSTEM

- TORINO: transformation of the separate collection system in Torino with the extension of home collection. IREN has implemented a progressive transformation of waste collection services to the door-to-door model, with prodromal methods for the application of punctual pricing.
- EMILIA: Anticipating the regional planning, in the territories of the Emilian municipalities served by Iren, the Group has implemented a progressive transformation of waste collection services from the road model to the door-to-door model, with prodromal methods for the application of punctual pricing. The situation of the interventions is diversified in the 3 provinces

#### 2) COLLECTION HUBS IN THE EMILIA AREA

It is a capillary computerized system used for the registration of incoming users and for the control of volumes in order to set mass balances. With a special badge, registration is carried out, then through a guided path on the touch-screen monitor, all the information relating to the transfer operation is entered. This allows you to activate prize competitions for citizens.

### AMOUNT

Full project amount (€ millions)	Financed amount (€ millions)
79.4	11.7 (GB4)
	19.7 (GB3)
	42.1 (GB1)



### ENVIRONMENTAL PERFORMANCE INDICATORS

KPI	Unit of measure	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Total sorted waste collection	t	635,724	644,444	675,610	721,788	737,163	711,911	788,313	813,804	825,674	809,000	828,000
Total of non sorted waste disposed	t	550,903	528,100	503,896	484,128	488,426	464,837	445,411	415,905	371,735	354,000	335,400
Number of bins for sorted waste	N	661,961	648,491	648,709	663,268	699,065	615,681	839,269	886,715	856,108	910,775	918,896
Volumes of bins for sorted waste	mc	105,278	111,322	120,371	145,345	155,114	163,037	224,759	236,033	214,253	245,807	248,395
Door to door collection system	N	687,215	833,069	998,080	1,061,847	1,139,228	1,391,087	1,473,268	1,590,536	1,656,415	1,859,322	1,925,170
Sorted waste collection hubs	N	112	112	112	117	117	113	113	117	117	117	117
Volumes of waste collected in the collection hubs	t	161,937	174,639	186,210	208,544	205,719	193,308	211,396	228,358	219,801	228,625	230,224