



AXIS	CATEGORY
Water Management	Water Resource Protection
Short Description	
Water supply system aimed at increasing the resilience of the water supply system	

2. Interventions to increase the water system resilience and the security of water supply



Acea Ato 2 began planning and realising a series of interventions for the medium-long term to increase the resiliency of the Roman and ATO2 related territory drinking water system infrastructure, thus improving the service continuity and the quantitative and qualitative supply security, also under the scope of climate change issues.

The more complex interventions, that require a longer period of time for realisation, contribute to the improvement of the whole water system's reliability and flexibility management and foresee new interventions (such as adducers, new water connections) and infrastructure and technology renewals for major aqueduct systems such as Peschiera-Le Capore, Marcio and big water connection systems.

The medium-term interventions, focused on the realisation/renewal of water purifiers, tanks and adducers, all aim at mitigating and/or eliminating the different challenges in the water supply system for certain areas, especially in the outskirts of Rome, where water sources are the most vulnerable either in prolonged periods of drought or in cases of sustained issues in the local aqueduct systems.

PROJECT STATUS: ongoing
LOCATION: Latium, Italy

Green Bond Allocation

ALLOCATION				
TOTAL FINANCED AMOUNT (€ MILLION)	2019	2020	2021	2022
78.53	22.94	15.27	17.25	23.07

Environmental performance indicators

KPI	UoM	2020	2021	2022
Advancement of the design/authorisation phase of the longer-term interventions “Securing and modernisation of the Peschiera water system” Sub-project “New Marcio water system, lot #1”	%	10	30	80
Advancement of the design/authorisation phase of the longer-term interventions “Securing and modernisation of the Peschiera water system” Sub-project “Doubling Siphon VIII – segment Casa Valeria – exit Galleria Ripoli”	%	0	20	80
Advancement of the design/authorisation phase of the longer-term interventions “Securing and modernisation of the Peschiera water system” Sub-project “Monte Castellone conduct – Colle Sant’Angelo (Valmontone)”	%	0	10	80
Advancement of the design/authorisation phase of the longer-term interventions “Securing and modernisation of the Peschiera water system” Sub-project “Ottavia-Trionfale adducer”	%	0	20	80
Interventions (*) in pipeline/interventions in the ATO2 scope	%	50	40	10
Interventions (*) in process/interventions in the ATO2 scope	%	40	40	70
Interventions (*) completed/interventions in the ATO2 scope	%	10	20	20

(*) All the “interventions” references involve a series of medium-term interventions aimed at the security of the water system supply in the ATO2 territory – central Latium/Rome – in those areas affected by vulnerable water and/or infrastructure availability. The KPIs are to be read together, taking into consideration the number of interventions in pipeline/in process/completed over the total number of the considered perimeter of interventions (10 interventions).

