

CONTRIBUTION TO STRATEGY 2030 OPERATIONAL PRIORITIES

OP No.	Corporate Results Framework Indicators (Outputs and Outcomes)	Expected Value	Methods and Comments
1.3.1	Infrastructure assets established or improved (number)	1	One integrated urban flood management system will be commissioned in the Chennai-Kosasthalaiyar basin comprising 588 km of new stormwater drains, 175 km of upgraded stormwater drains, 11 km rehabilitated stretches in four primary channels, one upgraded and one new stormwater pumping stations, 23,000 catchpits with rainwater harvesting structures, and four GCC disaster relief camps rehabilitated with gender-responsive and socially inclusive features.
2.2	Women and girls completing secondary and tertiary education, and/or other training (number)	8	Number of women GCC technical staff expected to increase knowledge on planning and design for storm water drainage systems and management of solid waste and flood risks.
		8	Number of women technical staff reported increased knowledge of sustainable operation and maintenance of storm water drainage systems and management of solid waste and flood risks.
		50	Number of female drain de-silting workers and conservancy workers reported increased knowledge and skills of cleaning and maintaining storm water drainage systems.
2.5	Women and girls with increased resilience to climate change, disasters, and other external shocks (number)	100	Total number of women increasing knowledge on green infrastructure schemes including rainwater harvesting, flood risks and impacts, and the links between flooding, solid waste management, sewerage service house connections, and the protection of waterbodies.
2.5.2	Climate- and disaster-resilient infrastructure assets and/or services for women and girls established or improved (number)	4	Number of GCC relief camps rehabilitated with gender-responsive and socially inclusive features.
3.2	People with strengthened climate and disaster resilience (number).	1.9 million	People protected from flood risk from a 1:2 year return period rainfall.
3.2.2	Gender-inclusive climate and disaster resilience capacity development initiatives implemented (number)	1	A sustainable O&M improvement plan of storm water drainage system with gender-responsive and socially inclusive features approved by GCC.
3.2.4	National and subnational disaster risk reduction and/or management plans supported in implementation (number)	1	Guidelines for integrating flood hazard zoning with spatial plans and land use, building and development regulations will be endorsed by GCC.

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3.2.5	New and existing infrastructure assets made climate and disaster resilient (number)	1	One integrated urban flood management system will be commissioned in the Chennai-Kosasthalaiyar basin comprising 588 km of new stormwater drains, 175 km of upgraded stormwater drains, 11 km of rehabilitated stretches in four primary channels, one upgraded and one new stormwater pumping stations, and 23,000 catchpits with rainwater harvesting structures constructed.
4.1	People benefiting from improved services in urban areas (number)	1.9 million	People protected from flood risk from a 1:2 year return period rainfall.
4.1.2	Urban infrastructure assets established or improved (number)	1	One integrated urban flood management system will be commissioned in the Chennai-Kosasthalaiyar basin comprising 588 km of new stormwater drains, 175 km of upgraded stormwater drains, 11 km of rehabilitated stretches in four primary channels, one upgraded and one new stormwater pumping stations, 23,000 catchpits with rainwater harvesting structures , and four GCC disaster relief camps rehabilitated with gender-responsive and socially inclusive features.
4.2.1	Measures to improve regulatory, legal, and institutional environment for better planning supported in implementation (number)	1	FRIF system established.
4.2.2	Measures to improve financial sustainability supported in implementation (number)	1	Roadmap for municipal resource mobilization will be prepared and adopted by GCC.
4.3.1	Solutions to enhance urban environment implemented (number)	1	Catchpits with rainwater harvesting structure constructed.
		1	Guidelines for integrating flood hazard zoning with spatial plans and land use, building and development regulations will be endorsed by GCC.
		1	A sustainable O&M improvement plan of storm water drainage system with gender-responsive and socially inclusive features approved by GCC.

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4.3.2	Urban climate and disaster resilience capacity development initiatives implemented (number)	1 1 1	Awareness raising for community members on green infrastructure schemes including rainwater harvesting, flood risks and impacts, and the links between flooding, solid waste management, sewerage service house connections, and the protection of waterbodies. Training for GCC technical staff to increase knowledge on planning and design for storm water drainage systems, solid waste and flood risk. Training for GCC technical staff to increase knowledge of sustainable operation and maintenance of storm water drainage systems.
6.1.1	Government officials with increased capacity to design, implement, monitor, and evaluate relevant measures (number)	30 30	Total number of GCC technical staff reported increased knowledge on planning and design for storm water drainage systems and management of solid waste and flood risk. Total number of GCC technical staff reported increased knowledge on sustainable operation and maintenance of storm water drainage systems and management of solid waste and flood risk.
6.2.1	Service delivery standards adopted and/or supported in implementation by government and/or private entities (number)	12	KPI-based stormwater drainage operation performance improvement system will be established in 12 out of 15 zonal offices of the GCC.
6.2.4	Citizen engagement mechanisms adopted (number)	1	One FCO platform will be established and operationalized in Chennai City.

FCO = flood citizen observatory, FRIF = flood resilience index framework, GCC = Greater Chennai Corporation, km = kilometer, kw = kilowatt, KPI = key performance indicator, O&M = operations and maintenance, OP = operational priority.

Source: Asian Development Bank.