

9(e) Increasing the resilience of infrastructure and human settlements to climate change impacts to ensure basic and continuous essential services for all, and minimizing climate-related impacts on infrastructure and human settlements

Indicator	Country	NAP	NDC	LT-LEDS	AdCom	NC	BTR
More vulnerable municipalities have transferred national adaptation frameworks into Local Strategies for Development	ALB	2021					
A Guide on integrating Climate Change Adaptation into the city planning is available for municipalities	ALB	2021					
At least 10 pilot actions aiming at climate resilience of the city are initiated	ALB	2021					
Coverage of metropolitan slum area	ALB	2021					
Number of urban farms, vertical garden, and rooftop garden	ALB	2021					
Adaptation information is included into the new Electronic Governance and Delivery of Public Services System	ALB	2021					
Number of farms financially supported on establishing protection infrastructure (building greenhouses, tunnels, hail	ALB	2021					
Losses and damages to roads and infrastructure due to climate hazards	ALB	2021					
Losses and damages due to urban floods	ALB	2021					
Nombre d'infrastructures réhabilitées et renforcées (Number of infrastructures rehabilitated and reinforced)	BDI		2021		2021		
Longueur de densification (Densification length)	BDI		2021		2021		
Nombre de centrales réhabilitées (Number of rehabilitated power plants)	BDI		2021		2021		
Nombre de Km des lignes réhabilitées (Number of km of rehabilitated lines)	BDI		2021		2021		
Nombre de zones de la mairie de Bujumbura raccordés (Number of areas of Bujumbura city hall connected)	BDI		2021		2021		
Nombre des sites de transit et décharges finales des déchets solides ainsi que nombre des centres de tri et de recyclage par ville (Number of solid waste transit sites and final landfills as well as number of sorting and recycling centers by city)	BDI		2021		2021		
Nombre d'infrastructures réhabilitées et renforcées (Number of infrastructures rehabilitated and reinforced)	BDI		2021		2021		
Nombre de km d'infrastructures de transport non motorisé à Bujumbura (Number of km of non-motorised transport infrastructure in Bujumbura)	BDI	2021			2021		
Length of raised dikes (km)	BEN	2022					
Surfaces urbaines à risque (urban areas at risk)	BEN	2022					
Nombre d'incidents sur le réseau électrique liés aux extrêmes climatiques (Number of incidents in the electrical network)	BEN	2022					
Nombre de m linéaires de berge sont protégés contre l'érosion marine côtière (Number of linear meters of bank are protected against coastal marine erosion)	BEN			2016			
Nombre d'hôtels adaptés aux nouvelles conditions estivales (Number of hotels adapted to the new summer conditions)	BEN	2022					
Linéaire de km de caniveaux réalisé (Linear km of gutters completed)	BFA		2021				
Nombre d'agglomérations dont les zones à risque sont cartographiées (Number of urban areas whose risk areas are mapped)	BFA		2021				
Nombre d'équipement installé (lampes efficaces et climatiseurs efficaces) (Number of equipment installed (efficient lamps and efficient air conditioners),)	BFA		2021				
Les puissances installées. (Powers installed.)	BFA		2021				
Proportion/linéaire de voiries aménagées (Proportion/linear length of developed roads)	BFA		2021				
Proportion/linéaire de caniveaux aménagées. (Proportion/linear length of gutters fitted.)	BFA		2021				
Nombre de nouvelles technologies de construction développées dans le domaine du bâtiment (Number of new construction technologies developed in the construction sector)	BFA		2021				
Nombre de véhicules usagers retirés de la circulation (Number of used vehicles removed from circulation)	BFA		2021				
Nombre de nouveau bus mis en circulation (Number of new buses put into circulation)	BFA		2021				
Linéaire de voie ferrée construit (Linear railway track built)	BFA		2021				
Rate of penetration of improved cooking stoves	BFA	2015					
Household penetration rate for butane gas	BFA	2015					

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Sanitary infrastructures have been constructed to take account of climate-change-related risks	BFA	2015					
Level of research into appropriate construction materials and techniques	BFA	2015					
Number of projects/investments in secondary towns	BFA	2015					
Number of towns participating in development projects	BFA	2015					
Number of rehabilitated old districts	BFA	2015					
Number of degraded dams which have been rehabilitated	BFA	2015					
Number of new dams which have been built	BFA	2015					
Number of irrigated areas which have been rehabilitated	BFA	2015					
Number of new irrigated areas which have been built	BFA	2015					
Number of dams and irrigated areas which are maintained (preventive measures)	BFA	2015					
Measures regarding infrastructure development (embankment height, number of regulator, access by disability, etc.)	BGD	2023					
The density of climate-resilient road and communications networks	BGD	2023					
Number of climate-resilient road and infrastructure design guidelines	BGD	2023					
Number of climate-proofed road and communications facilities	BGD	2023					
Number of climate-resilient cross-drainage infrastructures	BGD	2023					
Length of environment-proofed flood and coastal embankments or polders	BGD	2023					
Coverage of climate-resilient urban drainage or stormwater management facilities	BGD	2023					
Number of green building or LEED-certified buildings	BGD	2023					
Urban green areas	BGD	2023					
Number of cities or municipalities under dedicated solid, liquid and e-waste management	BGD	2023					
Water retention time in m3/h	BGD	2023					
Cities or municipalities have stormwater management guidelines considering climate change	BGD	2023					
Urban population	BGD	2023					
Heat island/temperature monitoring	BGD	2023					
Population density	BGD	2023					
Coverage of climate-resilient WASH facilities for the urban poor	BGD	2023					
Number of new illegal buildings, in relation to the total number of existing buildings in each flood zone	BIH			2023			
Number of installed water towers with all measuring instruments plus number of monitoring plots	BIH			2023			
Number of constructed hydrotechnical facilities	BIH			2023			
Number of localities applying engineering works or EbA to reduce floods in relation to the total number in BiH	BIH			2023			
Funding for climate-adapted construction and refurbishment	BIH	2022					
Number of businesses located in areas of flood/coastal erosion risk	BIH	2022					
Number of households within most deprived communities located in areas of flood/coast-al erosion risk	BIH	2022					
Number of properties flooded per year	BIH	2022					
Number of people living in flood prone areas	BIH	2022					
Number of properties lost due to coastal erosion per year	BIH	2022					
Percentage of households at reduced flood risk due to construction of new or enhanced defences	BIH	2022					
Number of new major infrastructure projects located in areas at risk	BIH	2022					
Number of properties flooded per year	BIH	2022					
Number of properties located in river/coastal floodplain	BIH	2022					
Number of properties lost due to coastal erosion per year	BIH	2022					

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Total length of sewerage and drainage network at risk from climate hazards	BIH	2022					
Number of methodological guides produced to assess impacts of extreme weather events on transport systems	BIH	2022					
Green label for neighbourhoods requiring climate change vulnerability assessments established	BIH	2022					
Number of urban adaptation best practices disseminated	BIH	2022					
Percentage of transport infrastructure standards revised	BIH	2022					
Number of properties with retrofitted flood resilience measures; water meters; water efficiency measures; cooling measures	BIH	2022					
Percentage of households at reduced flood risk due to construction of new or enhanced defences	BIH	2022					
Reduction of flood damage and disaster relief costs in cities due to increased standards for flood protection and improved flood emergency preparedness	BIH	2022					
Number of new major infrastructure projects located in areas at risk	BIH	2022					
Weather-related disruption of electricity supply	BIH	2022					
Percentage of new hydroelectric projects that consider future climate risks	BIH	2022					
Urban Heat Island Effect in summer	BIH	2022					
Number of households within most deprived communities located in areas of flood/coast-al erosion risk	BIH	2022					
Percentage of urban households with access to piped water	BIH	2022					
Percentage of climate resilient roads in the country	BIH	2022					
Total length of sewerage and drainage network at risk from climate hazards	BIH	2022					
Number of regulated torrents in relation to the total number, by municipalities	BIH			2023			
Volume of constructed reservoirs in relation to the annual volume of torrential waters, by main river basins and water areas	BIH			2023			
No of post-harvest infrastructures and distribution system established	BTN	2023			2023		
No. of parks, green to builtup ratio, plantation areas, green building components incorporated	BTN	2023			2023		
Km of roads constructed	BTN	2023			2023		
Km of road maintained	BTN	2023			2023		
Farm roads as per 'Climate Resilient Road construction guidelines and standards	BTN	2023			2023		
Number of Pilot Project for Climate Resilience activities carried out	BTN	2023			2023		
Frequency of supervision, maintenance reports, upgradation of land use plans	BTN	2023			2023		
Assessment report on implementation of no-build zones on riverbanks, green zones and other water channels with strict rules and regulations	BTN	2023			2023		
No. of guidelines on climate-resilient infrastructure developed	BTN	2023			2023		
Méthodologie harmonisée disponible sur la réalisation des diagnostics de vulnérabilités des infrastructures (Harmonized methodology available for carrying out infrastructure vulnerability diagnostics)	CMR	2015					
Nombre de référentiels techniques actualisés (Number of updated technical standards)	CMR	2015					
Capacités des missions de contrôle de l'exécution des infrastructures renforcées (Capacities of missions to control the execution of reinforced infrastructures)	CMR	2015					
Qualité des infrastructures routières et ferroviaires (Quality of road and rail infrastructure)	CMR	2015					
Nombre de documents de planification urbaine tenant compte des changements climatiques élaborés (Number of urban planning documents taking into account climate change developed)	CMR	2015					
Pourcentage de constructions adaptées au CC (Percentage of constructions adapted to CC)	CMR	2015					
Nombre de villes disposant des systèmes d'intervention rapide en cas de catastrophes (Number of cities with rapid disaster response systems)	CMR	2015					
Taux de couverture en infrastructures sociocommunautaires d'assainissement et d'eau (Coverage rate in socio-community sanitation and water infrastructure)	CMR	2015					

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Nombre de villages de l'artisanat construits (Number of craft villages built)	CMR	2015					
Nombre de structures de stockage et de distribution des produits artisanaux mises en place (Number of storage and distribution structures for artisanal products set up)	CMR	2015					
Nombre de kilomètres de routes pour l'accès aux sites touristiques réhabilités (Number of kilometers of roads for access to tourist sites rehabilitated)	CMR	2015					
Nombre de drains et de digues de protection construit (Number of drains and protective dikes constructed)	CMR	2015					
Nombre de ménages ayant accès aux énergies alternatives (Number of households with access to alternative energy)	COD		2021				
Nombre de ménages ayant accès à l'énergie électrique (Number of households with access to electricity)	COD		2021				
Resilient infrastructure across the agriculture sector (Number)	DMA		2022		2022		
Resilient infrastructure across the fisheries sector (Number)	DMA		2022		2022		
Area of land covered by green infrastructure and recreational areas (Ha)	ETH		2021				
Percentage of urban dwellers residing in safe and adequate housing* (gender disaggregated)	ETH		2021				
Urban green area per capita in m2	ETH		2021				
Area of land covered by green infrastructure and recreational areas (Ha)	ETH		2021				
% of transmission losses	ETH			2023			
% of renewable electricity generation, excluding hydropower plants	ETH			2023			
Length of non-motorised transport infrastructure constructed	ETH		2021				
Number of cities/ towns (above 50k residents) with dedicated non-motorised transport lanes (for bicycles)	ETH		2021				
Number of major transport infrastructures that take climate change into consideration	ETH		2021				
Number of energy system designs that take climate change into account	ETH	2019					
% of urban planners aware of climate change impacts in urban environments	ETH	2019					
Number of urban areas where land use plans integrating adaptation are implemented	ETH	2019					
% of transport infrastructure designs that take climate change impacts into account	ETH	2019					
Number of kilometers of climate-vulnerable transportation infrastructure reconstructed	ETH	2019					
Number/type of adaptive infrastructure systems constructed	ETH	2019					
Number of hectares protected from environmental impact	ETH	2019					
All ministries and government agencies with the mandate for land management have the capacity to use spatial data to inform decisions on sustainable land management and resilient infrastructure	GRD	2019					
Climate variability and change are integrated into policies and guidelines for physical planning and development including infrastructure	GRD	2019					
Porcentaje de pérdidas y daños humanos, infraestructura productiva y de servicios básicos por tipo de evento en la zona marino costera (Percentage of human losses and damages, productive infrastructure and basic services by type of event in the coastal marine zone)	GTM	2019					
Número de municipalidades que cuentan con reglamentos de construcción (Number of municipalities that have construction regulations)	GTM	2019					
Número de infraestructura socio-vital estratégica que incluye estándares de construcción que consideran factores de riesgo climático y ordenamiento territorial en el ciclo de vida del proyecto (pre-inversión, inversión, post-inversión) (Number of strategic socio-vital infrastructure that includes construction standards that consider climate risk factors and territorial planning in the project life cycle (pre-investment, investment, post-investment))	GTM	2019					
Número de infraestructura socio-vital y estratégica dañada por eventos extremos (Number of socio-vital and strategic infrastructure damaged by extreme events)	GTM	2019					
Number of utility-scale solar PV systems installed and operational.	GUY						2024

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Capacity of solar PV systems installed and operational.	GUY					2024
Number of people with access to enhanced renewable, affordable, and reliable electricity	GUY					2024
Number of ICT hubs deployed in Hinterland, Poor and Remote Communities (HPRCs).	GUY					2024
Number of online services offered by public institutions to HPRCs.	GUY					2024
Nombre de km de rues assainis et superficies urbains aménagées (Number of km of streets cleaned and urban areas developed)	HTI		2022			
Quantité de km de structures de protection établis (Number of km of protective structures established)	HTI		2022			
Quantité de kilomètres revêtus et bien dimensionnés (Amount of kilometers coated and well dimensioned)	HTI		2022			
Quantité de kilomètres de rebords et de talus végétalisés (Number of kilometers of vegetated edges and slopes)	HTI		2022			
Quantité de kilomètres de murs de soutènement érigés (Number of kilometers of retaining walls erected)	HTI		2022			
Nombre d'hectare de terres boisé ou reboisé (Number of hectares of wooded or reforested land)	HTI		2022			
% of school buildings either relocated or retrofitted after being assessed as at high risk (70% of high-risk school buildings by 2016/17)	KIR	2020				
% of maintenance costs of public buildings and coastal and water infrastructure covered by the revolving fund (percentage to be established)	KIR	2020				
Increase in the % of coastal infrastructure that has been retrofitted after being assessed as vulnerable to climate change and disasters (assessment needs to be carried by 2014)	KIR	2020				
Safety standards for infrastructure and construction sectors are adopted by 2020	KIR	2020				
Number of public and community infrastructure in high risks zones assessed and retrofitted/climateproofed according to safety standards	KIR	2020				
Increase in the number and scale of projects applying gender-inclusive design guidelines	KIR	2020				
Kiribati international airport meets basic international standards after rehabilitation	KIR	2020				
Navigational aids installed and being used in 100% of airports nationally	KIR	2020				
Navigational/ radio equipment installed in x % of all ships by 2020	KIR	2020				
Disaster risks incorporated into the design of the rehabilitated Kiritimati Port	KIR	2020				
Sanitation infrastructure rehabilitated	KIR	2020				
Appropriate sanitation designs developed and incorporated in building codes	KIR	2020				
Asset management plans are in place for all community and government infrastructure by 2018 (baseline 2013: number of government assets with asset management plans)	KIR	2020				
Increase in application of appropriate adaptation responses for land and property loss as a result of climate impacts	KIR	2020				
Land valuation of lands at risk conducted	KIR	2020				
Infrastructure losses due to disasters are reduced by 2023	KIR	2020				
Number of communication and knowledge-management materials and events on shoreline protection and climate proofing infrastructure supported	KIR	2020				
Number of community or island development plans with capacity building on technicalities of coastal resilience	KIR	2020				
Size of new reclaimed and raised land area	KIR	2020				
Number and value of physical coastal protection assets made more resilient to climate variability and change	KIR	2020				
Number of technologies and innovative solutions transferred or licensed to promote coastal resilience	KIR	2020				
Number of the public rental housing units renovated in the resilient way	KOR				2023	
Number of apartment units with a smart power grid	KOR				2023	
Number of standard models for adaptive infrastructure	KOR				2023	
Number of local governments with adaptive infrastructure to climate change 10 per year	KOR				2023	
Construction of withholding landfill for major cities	LBR	2021				

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Progress on solid waste management	LBR	2021					
Number of climate-resilient infrastructures established	LBR	2021					
Number of awareness programmes conducted on sea level rise to local communities	LKA	2016					
Number of workshops conducted in mainstreaming climate resilience in physical and urban planning	LKA	2016					
Number of workshops conducted in mainstreaming climate resilience in physical and urban planning	LKA	2016					
A document on adopting green building concepts is prepared and published	LKA	2016					
Number of workshops in promoting climate resilient building designs	LKA	2016					
Number of public awareness programmes conducted in promoting climate resilient building designs	LKA	2016					
Number of training workshops conducted for industry stakeholders in promoting climate resilient building designs	LKA	2016					
Number of workshops in promoting use of alternative materials	LKA	2016					
Number of public awareness programmes conducted in promoting use of alternative materials	LKA	2016					
Number of training workshop conducted for industry stakeholders in promoting use of alternative materials	LKA	2016					
A document for appropriate sector specific building standards for urban, rural and estate sectors are prepared and published	LKA	2016					
Number of drainage and sewerage systems where the capacity is extended to avoid periodic overcrowding	LKA	2016					
Number of workshops conducted in rationalizing the use of drainage infrastructure to encourage recharging of ground water systems	LKA	2016					
Number of workshops conducted in promoting National Building Research Organization prepared guidelines for disaster resilient buildings	LKA	2016					
Number of public awareness programmes conducted in promoting disaster resilient buildings	LKA	2016					
Number of training programmes conducted for industry stakeholders for promoting disaster resilient buildings	LKA	2016					
Number of workshops conducted in promoting practice of building codes including roofing standards specially in the public buildings	LKA	2016					
Quarterly monitoring reports are prepared on sea level rise related to coastal settlements and infrastructure	LKA	2016					
Number of maps prepared on low-lying areas (coastal settlements and infrastructure) vulnerable to inundation	LKA	2016					
Total coastal areas and infrastructure demarcated as vulnerable to inundation	LKA	2016					
A guideline document is prepared and published for human settlements and infrastructure in vulnerable zones	LKA	2016					
An assessment report on the impacts of projected changes and extreme weather scenarios on transportation systems completed and published	LKA	2016					
Number of areas with hazard prone areas/roads maps	LKA	2016					
A guideline report to improve the resilience of transportation system for extreme weather situations is completed and published	LKA	2016					
Number of awareness programmes conducted on climate risks in transportation to commuters, drivers and transport operators	LKA	2016					
Number of vulnerable areas identified and maps prepared for climate-induced disaster risks to energy, transportation and industrial facilities	LKA	2016					
A system is developed for timely issuing of short-term weather forecasts in the sectors of energy, transportation and industrial facilities	LKA	2016					
An early warning system is established for energy, transportation and industrial sectors	LKA	2016					
Quarterly monitoring reports on of sea level rise impacts on energy, transportation and industrial facilities is prepared and published	LKA	2016					
Number of maps prepared for energy, transportation and industrial facilities vulnerable to inundation	LKA	2016					

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Total energy, transportation and industrial facilities in coastal areas demarcated with vulnerability to inundation	LKA	2016					
Operation of energy infrastructure in any climatic conditions ensured	MDA					2023	
Transportation policy reviewed to address climate change risks	MDA					2023	
Vulnerable transportation assets identified	MDA					2023	
Regulations, standards related to materials resistant to temperature fluctuations, floods approved	MDA					2023	
Process and mandate for channeling funds from the Road Fund towards sector-based climate change risk research, impact assessment developed	MDA					2023	
Climate resilient transport infrastructure re-constructed/ constructed	MDA					2023	
km of climate-resilient road in rural area developed	MDA					2023	
Nombre de régions côtières à Madagascar ayant accès à des services améliorés d'information sur le climat (Number of coastal regions in Madagascar with access to improved climate information services)	MDG	2022					
Des villes nouvelles résilientes et durables créées (Resilient and sustainable new towns created)	MDG	2022					
Délocalisation et extension des fonctions urbaines (Relocation and extension of urban functions)	MDG	2022					
Area of green space and urban corridor created	NAM		2024				
Length of drains made	NAM		2024				
Length of roads upgraded	NAM		2024				
Stage of development of intranet network constructed of soft and hard infrastructure for improved monitoring of climate impacts on agricultural production system	NAM		2024				
Nombre d'emplois et des revenus créés à l'endroit des jeunes et les femmes au routes et voies ferrées prioritaires (Number of jobs and incomes created for young people and women on priority roads and railways)	NER	2022					
Nombre de séances de renforcement de capacités des acteurs du secteur sur la résilience des infrastructures de transports face aux risques climatiques (Number of capacity-building sessions for sector players on the resilience of transport infrastructure to climate risks)	NER	2022					
Nombre de séances de renforcement de capacités des acteurs du secteur pour mobiliser le financement pour les actions d'adaptation des systèmes de transports routiers, fluviaux et ferroviaires (Number of capacity-building sessions for sector players to mobilise funding for actions to adapt road, river and rail transport systems)	NER	2022					
Investissements alloués pour la mise en œuvre de digues de protection des routes, des chemins de fer et autres infrastructures (Investments allocated to the implementation/construction of dykes to protect roads, railways and other infrastructure)	NER	2022					
Nombre de séances de renforcement de capacités des acteurs sur l'intégratif des CC dans le secteur Transports (Number of capacity-building sessions for stakeholders on the integration of climate change risks in the transport sector)	NER	2022					
Nombre de bassins versants aménagées (Number of developed watersheds) ☐	NER☐	2022					
Distance de route réhabilitée avec prise en compte des chocs climatiques (Distance of road rehabilitated taking into account climatic shocks)	NER☐	2022					
Durabilité des infrastructures réhabilitées (Sustainability of rehabilitated infrastructure)	NER☐	2022					
Longueur de route réhabilitée avec prise en compte des chocs climatiques (Length of road rehabilitated taking into account climatic shocks)	NER☐	2022					
Longueur de route réhabilitée avec prise en compte des chocs climatiques (Length of road rehabilitated taking into account climatic shocks)	NER☐	2022					
Longueur de chemin de fer renforcée (Reinforced railway length)	NER☐	2022					
Longueur de digue renforcée (Reinforced dike length)	NER☐	2022					
Report on vulnerability of national infrastructure	PAK		2021				
No of shelters erected	PAK		2021				

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Plan de Adaptación del - sector Infraestructura Sostenible desarrollado (Sustainable Infrastructure Sector Adaptation Plan developed)	PAN		2024		2024		
Número de Instalaciones en riesgo de inundación (Number of facilities at risk of flooding)	PAN		2024		2024		
Daños a infraestructuras vitales por eventos climáticos extremos (Damage to vital infrastructure from extreme weather events)	PAN						2024
Número de viviendas afectadas por eventos climáticos extremos (Number of homes affected by extreme weather events)	PAN						2024
Number of municipalities affected by extreme weather events (Number of municipalities affected by extreme weather events)	PAN						2024
Áreas edificadas ubicadas en la planicie de inundación (Built-up areas located in the flood plain)	PAN						2024
Interrupción del suministro eléctrico relacionado con el clima (Weather-related power outage)	PAN						2024
Instrumento normativo regulatorio elaborado de Infraestructura sostenible y resiliente (Sustainable and resilient	PAN		2024		2024		
Porcentaje de mujeres y hombres capacitados en el uso de las herramientas de Sistema de alerta temprana y respuesta (Percentage of women and men trained in the use of Early Warning and Response System tools)	PAN		2024		2024		
Porcentaje de MACC implementadas que actúen directamente sobre las infraestructuras, bienes o servicios de las áreas temáticas de salud, pesca y acuicultura, agricultura, agua y bosques. (Percentage of climate change adaptation measures implemented that act directly on the infrastructure, goods or services of the thematic areas of health, fisheries and aquaculture, agriculture, water and forests)	PER	2021					
% de conexiones de agua potable que tiene instalado un medidor operativo y leído en ámbitos urbanos con vulnerabilidad al cambio climático (% of drinking water connections that have an operational meter installed and read in urban areas vulnerable to climate change)	PER	2021					
Incremento del volumen (hm3) de agua almacenado por la construcción de infraestructura hidráulica mayor de uso multisectorial en cuencas vulnerables al cambio climático (Increase in the volume (hm3) of water stored by the construction of major hydraulic infrastructure for multi-sector use in basins vulnerable to climate change)	PER	2021					
Transport infrastructure managing entities that have adaptation plans or contingency plans for extreme events	PRT				2021		
Telecommunications companies that have adaptation plans or contingency plans for extreme events	PRT				2021		
Infrastructures installed or reconverted	PRT				2021		
Municipalities covered	PRT				2021		
Population covered	PRT				2021		
Creating infiltration areas (Intervention area/risk area)	PRT				2021		
Construction of protective infrastructure (Infrastructures Intervened)	PRT				2021		
Level of satisfaction with dock facilities registered by users.	RMI	2023					
Number of homes connected to sewer and water	RMI	2023					
Number of houses reinforced to standard.	RMI	2023					
Number of water tanks elevated and protected.	RMI	2023					
Number of working reverse osmosis units across the RMI and per community	RMI	2023					
Number and capacity of rainwater tanks installed	RMI	2023					
The number of communities made aware and educated about how climate impacts their critical infrastructure	RMI	2023					
Accurate data on exposure to climate vulnerability on households (HHs) and infrastructures in high risk areas reported	RWA		2020				
Percentage of urban population living in informal settlements, (2) rural population living in clustered settlements	RWA		2020				
Average share of the built-up area of cities that is open and green space for public use for all (SDG	RWA		2020				
Reduction of length of roads vulnerable to flood and landslides	RWA		2020				



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Percentage of urban population in areas covered by master plans with storm water considerations	RWA		2020				
Number of effective city contingency plans developed	RWA		2020				
Population covered by Disaster risk reduction (DRR) programs	RWA		2020				
Conducted feasibility study for the regulatory framework revision to ensure the implementation of the green infrastructure concept in urban areas	SRB	2024					
Climate change adaptation topic integrated in the Draft Urban Development Strategy	SRB	2024					
Developed improved Methodology for local climate change adaptation plans preparation	SRB	2024					
The number of urban capital projects whose planning, construction or maintenance, takes into account climate change issue	SRB	2024					
Developed methodology for climate change vulnerability and risk assessment for road infrastructure	SRB	2024					
Number and value of PPP cofinanced initiatives used for adaptation infrastructure development and large-scale engineering projects	SUR	2020					
Digital maps that include vulnerability of land under various uses to climate change impacts updated	SUR	2020					
Number of properties climate-proofed	SUR	2020					
Legislation updated to incorporate potential climate change impacts and adaptation	SUR	2020					
Zoning and spatial planning that considers vulnerability implemented	SUR	2020					
Land allocation policy to mitigate flooding and drainage problems implemented	SUR	2020					
Drainage Plan requirements for allotment and housing projects implemented	SUR	2020					
Increased acreage of protected area and buffer zones to protect against climate impacts	SUR	2020					
New regulations for mangrove forest implemented	SUR	2020					
Increased area under rejuvenation	SUR	2020					
Length a number of infrastructures climate-proofed	TON	2021					
Cost of damage to infrastructure and urban facilities due to climatic disasters	TUN			2022			
No. of transformed National and Regional Referral Hospitals (Climate smart hospitals)	UGA		2022				
Area of wetlands restored (ha)	UGA		2022				
Proportion of urban dwellers living in slums and informal settlements	UGA		2022				
Paved National Roads (Kms)	UGA		2022				
Paved urban roads	UGA		2022				
Proportion of the population with access to electricity	UGA		2022				
Transmission capacity (in km of high voltage 7 transmission lines)	UGA		2022				
Electricity generation capacity	UGA		2022				
Renewable off-grid energy solutions (medium voltage networks) in km	UGA		2022				
High voltage transmission lines (km)	UGA		2022				
Access to electricity	UGA		2022				
Increased urban paved roads	UGA		2022				
No. of municipalities/ cities with sustainable waste management facilities	UGA		2022				
No. of revised transport regulations, guidelines and design codes integrating climate risks	UGA		2022				
Permanent way /railway road (Kms)	UGA		2022				
Proportional of national road reserves with green infrastructure and vegetative reinforcement	UGA		2022				
Length of drainage channels constructed/improved in GKMA	UGA		2022				
Level of compliance to building codes and standard for climate resilience	UGA		2022				
Proportion of preserved areas/parks in relation to total urban land area	UGA		2022				
Km of wildlife corridor rehabilitated	UGA		2022				

9(e) Increasing the resilience of infrastructure and human settlements to climate change impacts to ensure basic and continuous essential services for all, and minimizing climate-related impacts on infrastructure and human settlements

Apoyo a la infraestructura en el sector agropecuario (Support for infrastructure in the agricultural sector)	URY	2019					
Investments in energy efficiency as a percentage of GDP and the amount of foreign direct investment in financial transfer for infrastructure and technology to sustainable development services	VCT	2019					
Proportion of the rural population that lives within 2 km of an all-season road	VCT	2019					
Passenger and freight volumes, by mode of transport	VCT	2019					
Total official international support (official development assistance plus other official flows) to infrastructure	VCT	2019					
Proportion of cities with a direct participation structure of civil society in urban planning and management that operate regularly and democratically	VCT	2019					
Cantidad de Viviendas construidas a nivel nacional (Number of homes built at national level)	VEN		2021				
Cantidad de Viviendas construidas con sistemas bioconstructivos alternativos. (Number of homes built with alternative bioconstruction systems.)	VEN		2021				
Cantidad de Viviendas construidas con materiales de fabricación local (Number of homes built with locally manufactured materials)	VEN		2021				
Cantidad de nuevos elementos constructivos insertados en la construcción de viviendas (Number of new constructive elements inserted into the construction of living spaces)	VEN		2021				
Cantidad de Jornadas dirigidas al Incremento de los m2 de áreas verdes en espacios urbanos (Number of workshops aimed at increasing the m2 of green areas in urban spaces)	VEN		2021				
Porcentaje (%) de mitigación de elementos contaminantes en los urbanismos construidos (Percentage (%) of mitigation of polluting elements in built urban areas)	VEN		2021				
Porcentaje (%) de reducción de residuos sólidos en grandes urbanismos de Venezuela (Percentage (%) of solid waste reduction in large urban developments in Venezuela)	VEN		2021				
Cuantificación de pérdidas de vidas, infraestructura, cultivos, dinero, entre otros, asociados a los efectos adversos del cambio climático (Quantification of losses of lives, infrastructure, crops, money, among others, associated with the adverse effects of climate change)	VEN		2021				
N° de talleres de construcción colectiva realizados (Number of collective construction workshops carried out)	VEN		2021				
Percentage of new public infrastructure that incorporates principles of climate resilience	ZAF	2021					
Percentage of new private sector infrastructure built with climate-resilience materials in low-climate-risk areas	ZAF	2021					
Extent and duration of electricity disruptions as a result of climate events	ZAF	2021					
Percentage of largescale infrastructure projects that include climate change in their planning	ZAF	2021					