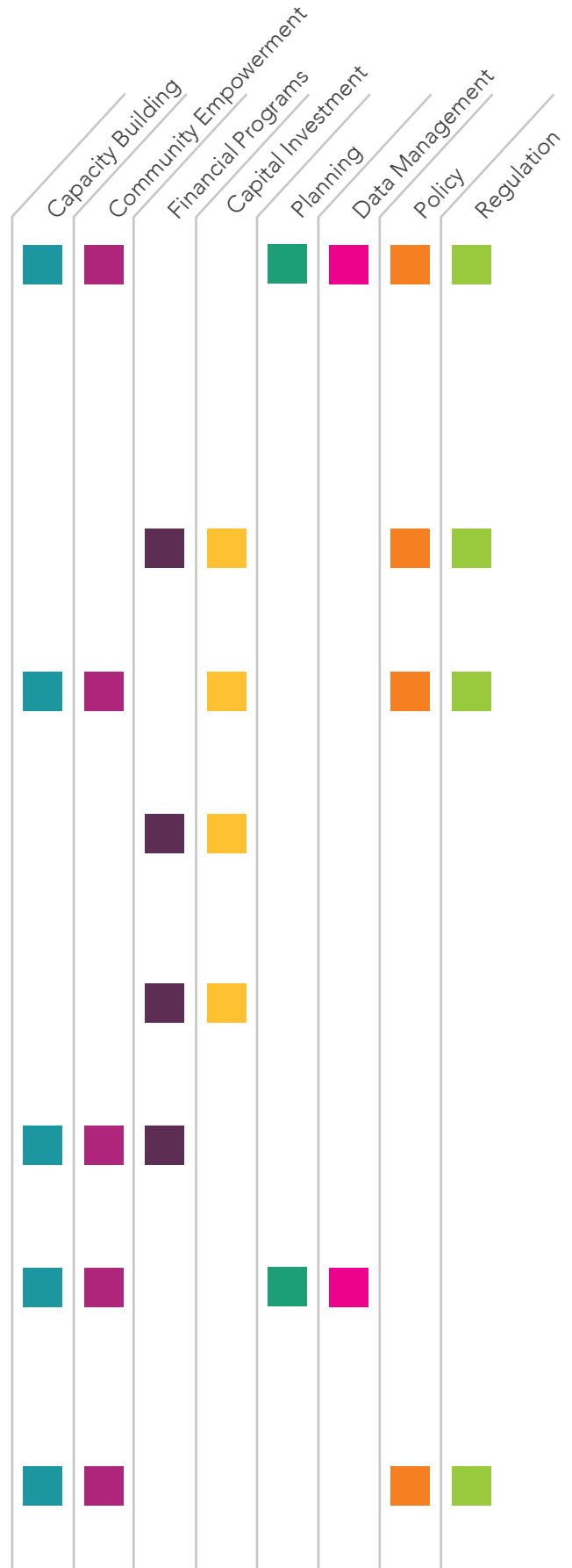


## HIGH-IMPACT RECOMMENDATIONS

TOTAL SECTOR RECOMMENDATIONS: 12

**Address Puerto Rico’s energy needs by transforming its electric power infrastructure to an affordable, reliable and innovative system, while reducing adverse impacts on human health and the environment.**

- 1 Prepare a new Integrated Resource Plan (IRP), with public, community, and private sector participation, to be used as the foundation for the energy sector transformation and which includes an updated analysis and forecast of the demand base, aggressive renewable generation targets, and a risk-based analysis of the sector to strengthen utility oversight and operator decision making.
- 2 Rebuild, harden and modernize the transmission and distribution system for a minimum of energy security and resiliency.
- 3 Integrate microgrids, mini-grids, and renewable energy into the Island’s transmission and distribution grid to the greatest extent possible.
- 4 Establish reliable and diversified backup energy systems for vulnerable individuals and critical facilities, such as hospitals, schools, and emergency shelters and services facilities.
- 5 Facilitate access to backup energy systems/equipment to fill remaining gaps in individuals’ capacity to generate backup electric power for small businesses.
- 6 Build capacity across the Island’s municipalities to plan, finance, and develop solar renewable energy systems for municipal buildings and facilities.
- 7 Create consumer participatory and collaborative mechanisms and public education initiatives to strengthen informed public decision making and engagement on efficient energy usage and the development of resilient energy systems.
- 8 Implement Island-wide energy efficiency and demand response strategy detailing and prioritizing cost-effective initiatives to reduce and balance energy demand.

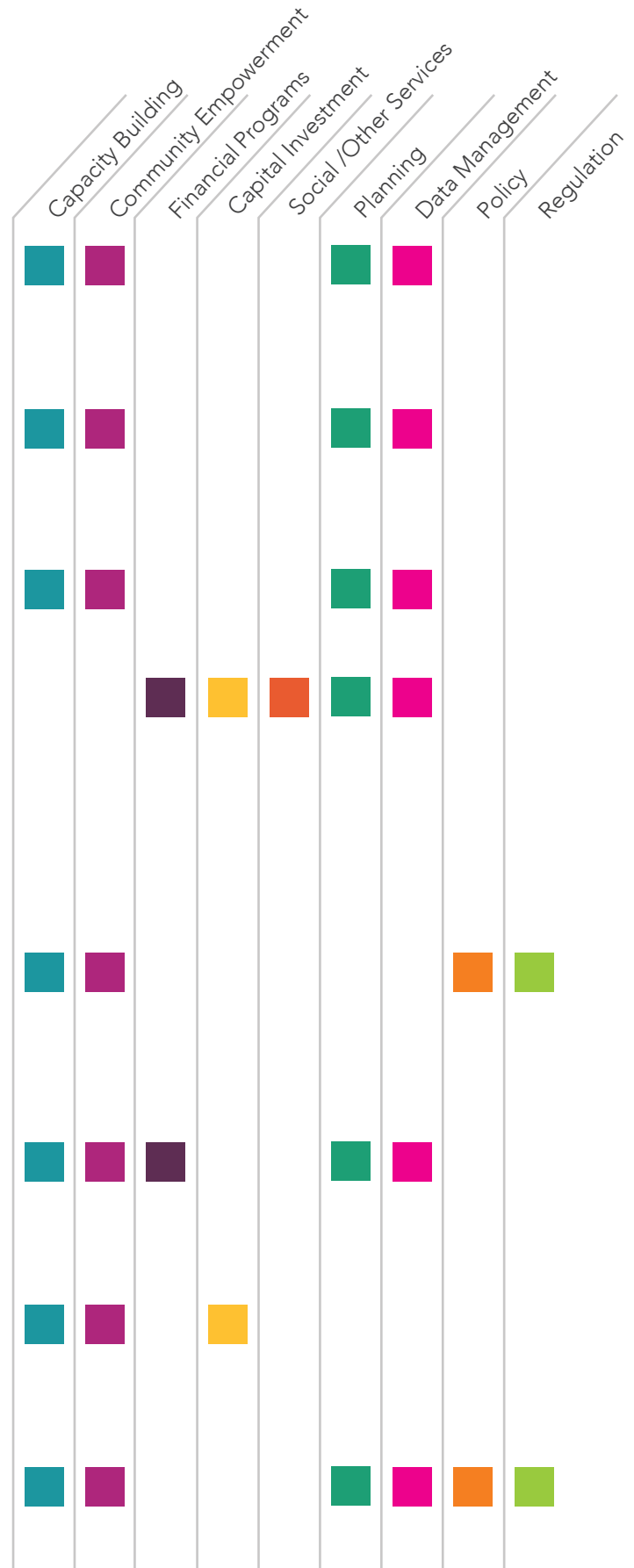


## HIGH-IMPACT RECOMMENDATIONS

TOTAL SECTOR RECOMMENDATIONS: 18

**Develop a portfolio of strategies that reduce risk exposure, foster community empowerment, and address the diversity in socioeconomic conditions, housing types, and tenure in Puerto Rico.**

- 1 Update the Island's digital land cadastre to include: use and occupancy of structures, land tenure data, housing characteristics in informal settlements, and information on insurance coverage.
- 2 Provide technical capacity to implement a place-based and community-driven approach for identifying and planning reconstruction projects through collaborative and deliberative engagement.
- 3 Develop feasible models to establish land tenure and/or community ownership in informal housing.
- 4 Increase the affordable housing stock for low and moderate-income (LMI) households through a series of strategies, such as: infill development in hazard-free urban centers or adjacent suburban areas, new construction using low-income housing tax credits (LIHTC), creating rental housing cooperatives, project-based Section 8 rental-assistance projects, and up-zoning for mixed-income housing.
- 5 Establish an Island-wide housing emergency management protocol that includes a voucher program for temporary housing, temporary rent control, foreclosure moratorium, and monitoring and prevention of predatory lending.
- 6 Promote or incentivize community-driven, voluntary relocation of households from high risk and environmentally sensitive areas, using land buyouts and rezoning for land conservation.
- 7 Repair, improve and retrofit public housing dwellings and facilities towards more resilient designs, including mitigation projects for public housing projects located in risk-prone areas.
- 8 Improve the ability of local, municipal, and non government agencies to regulate land use and construction through the adoption of improved rules and practices.





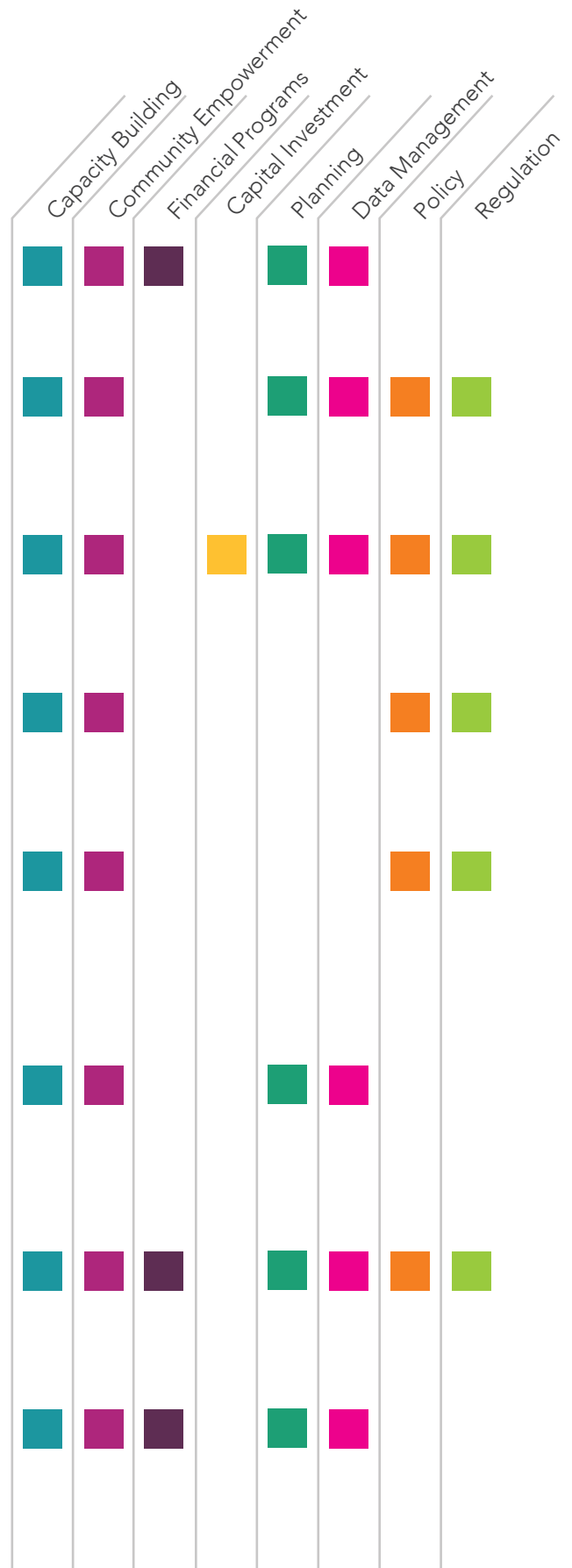
# ECONOMIC DEVELOPMENT

## HIGH-IMPACT RECOMMENDATIONS

TOTAL SECTOR RECOMMENDATIONS: 12

**Craft a diversified portfolio of economic activities that augment Puerto Rico’s resiliency by enhancing existing capabilities, improving employment prospects, and reducing inequalities.**

- 1** Develop and implement a disaster resilience strategy for the micro and small businesses of Puerto Rico.
- 2** Promote the adoption of best practices in enterprise risk management and business continuity planning for mid-sized companies.
- 3** Leverage Hurricane María reconstruction investments to advance construction sector recovery, innovation, and resilience.
- 4** Ensure that reconstruction-related procurements give priority to local workforce employment, training, and certification.
- 5** Develop on-Island employment/career opportunities for both Puerto Rican youth and for aging members of the workforce, ensuring the quantity and quality of the future workforce is able to support growth in prioritized economic sectors/clusters.
- 6** Support and communicate clear pathways for Puerto Rico’s youth and young adults to establish businesses, social enterprises, and professional services careers in Puerto Rico’s Next Generation Economy.
- 7** Support social service programs that reduce family and child poverty to ensure the readiness of the future workforce.
- 8** Strengthen broad-based, community-level economic development initiatives, building and strengthening Puerto Rico’s community economic development organizations and their networks, through sustained, collective investments from the Puerto Rican diaspora associations, foundations, and crowd-sourcing activities.

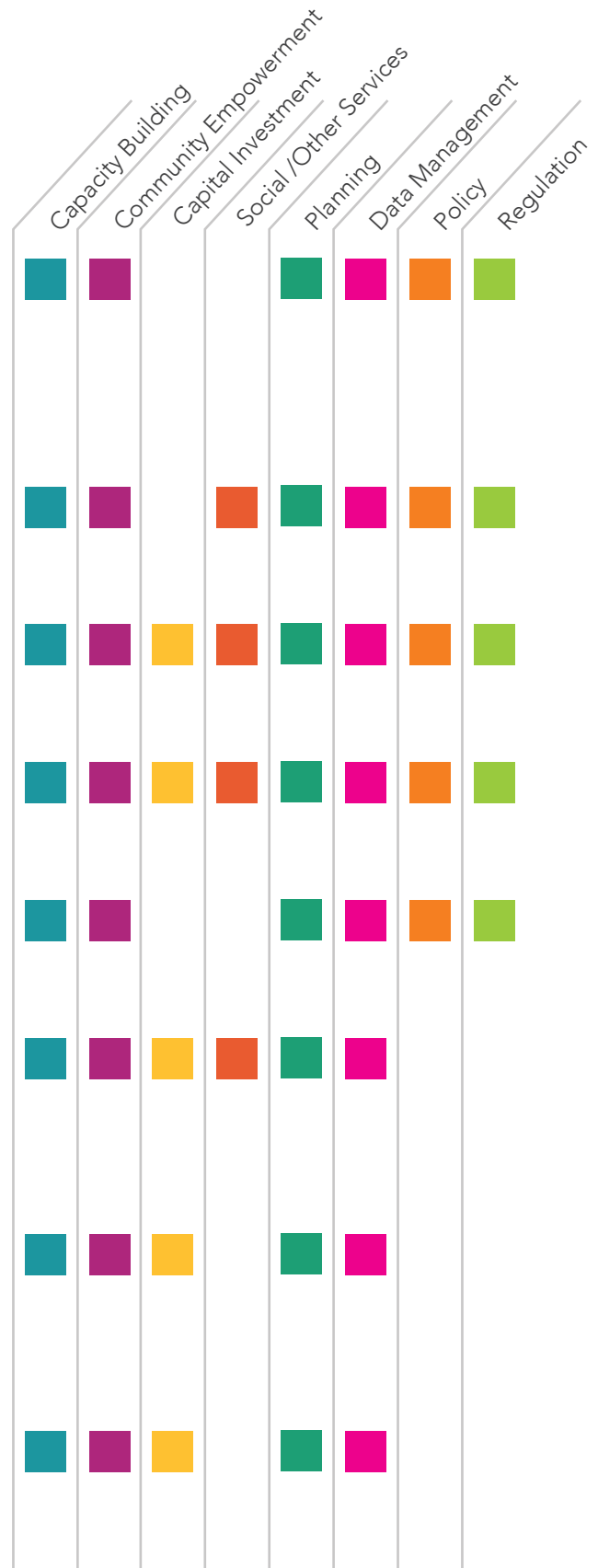


## HIGH-IMPACT RECOMMENDATIONS

TOTAL SECTOR RECOMMENDATIONS: 9

**Develop initiatives that ensure the provision of health, educational and social services to reduce existing and future vulnerabilities, and chart a pathway toward improved equity and well-being, with more participation of the people in its definition and implementation.**

- 1 Optimize healthcare financing to reduce the proportion of uninsured people and the shortage of healthcare professionals, and improve quality, access, and continuity of healthcare provision in disaster-related emergencies.
- 2 Expand the scope and availability of behavioral and mental health services.
- 3 Address the social and environmental determinants of health that contribute to disease burden.
- 4 Promote schools as centers for education, social cohesion, and catalysts for economic development.
- 5 Explore opportunities for workforce training, placement, and retention in the education sector.
- 6 Increase the resilience of educational infrastructure to protect students in the face of disasters and provide enhanced benefits to students and their communities every day.
- 7 Invest in improvements to the physical infrastructure of healthcare facilities in order to improve the provision of services on a regular basis and in the face of multiple hazards.
- 8 Create integrated government data systems, and improved access to these, to ensure transparency and preparedness while co-benefiting government structures with actual reliable data for informed decision-making processes.

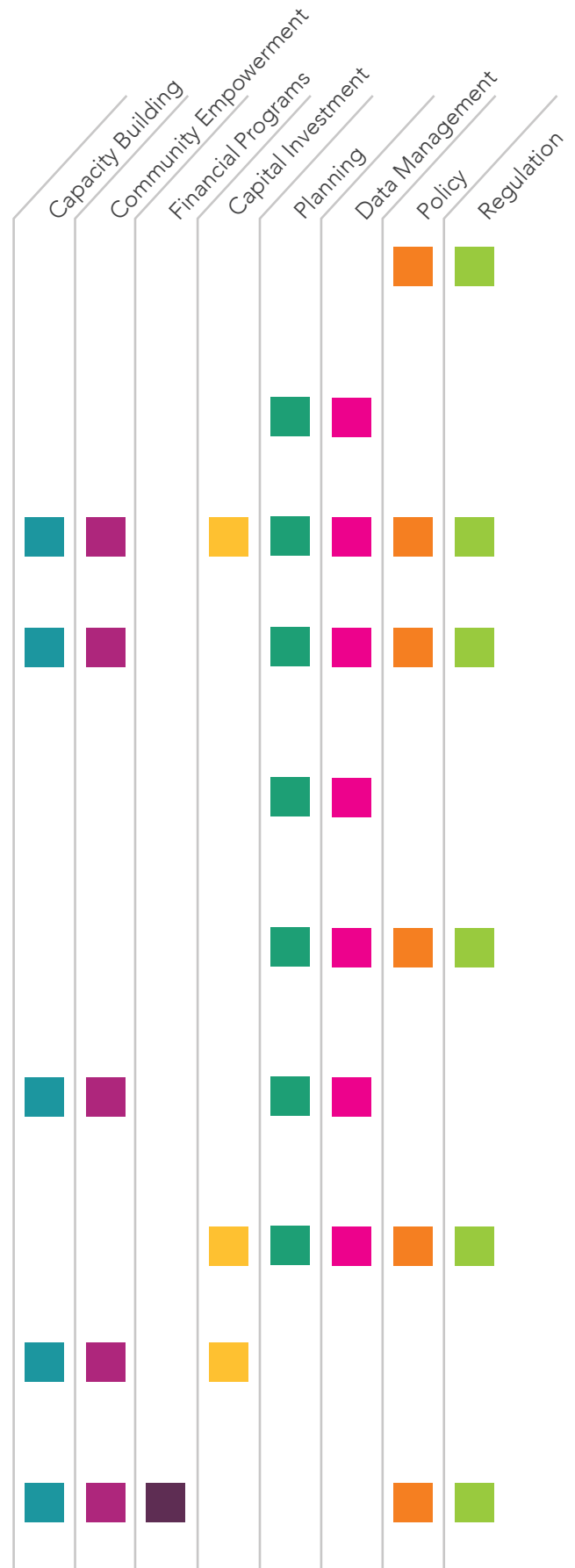


## HIGH-IMPACT RECOMMENDATIONS

TOTAL SECTOR RECOMMENDATIONS: 30

**Develop and maintain infrastructure systems that are accessible, integrated, flexible, and robust enough so they may sustain critical operations for the well-being of Puerto Ricans.**

- 1 Develop an integrated critical infrastructure management strategy to guide resilient long-term reconstruction.
- 2 Develop a master integrated Continuity of Operations Plan (COOP) for critical infrastructures and providers.
- 3 Implement an integrated flood risk management approach.
- 4 Improve Puerto Rico Dam Safety Program to ensure coordination between responsible agencies and enhance community preparedness.
- 5 Commission a study to support the deployment (underground and aerial) of a more resilient telecommunications infrastructure.
- 6 Develop a sustainable mobility plan to enhance and integrate Puerto Rico's multi-modal transportation services and offer diverse and affordable transit access.
- 7 Develop a water efficiency program to improve water demand management through water conservation and use of alternative water sources.
- 8 Introduce alternative energy sources to power transportation-related infrastructure.
- 9 Develop resilient community centers to improve the provision of services during emergencies and disaster relief.
- 10 Develop a training and capacity-building program to promote local businesses throughout the recovery process and effective public participation.





# NATURAL INFRASTRUCTURE

## HIGH-IMPACT RECOMMENDATIONS

TOTAL SECTOR RECOMMENDATIONS: 16

**Improve human health and well-being, foster economic development, and reduce exposure to hazards, through the sustainable use of Puerto Rico’s natural resources.**

- 1** Develop comprehensive watershed plans using integrated water resources management to promote the sustainable use of water resources and maximize the resultant economic and social well-being.
- 2** Effectively implement the Puerto Rico Land Use Plan, following a risk-based framework, to achieve social well-being, economic development, and protect critical ecosystems.
- 3** Adopt a post-disaster framework to delimitate the coastal maritime zone and effectively define land uses,
- 4** Develop a public policy to promote the use of nature-based solutions in the reconstruction process of Puerto Rico.
- 5** Enforce open space determinations with programs/guidelines for the dedication of lands to the creation of parks, green infrastructure projects, land conservation, or other adequate uses.
- 6** Develop a coastal ecosystem restoration and enhancement program.
- 7** Develop key policies, within and beyond the Common Agricultural Policy, to foster agroecology.
- 8** Develop an integrated treatment program for wastewater and stormwater run-off to reduce sewage pollution affecting freshwater, coastal, and marine resources.

