



Peru

Zero Carbon and Climate Resilience Readiness Framework - Enablig Actions Matrix

ID		READINESS GOALS (per Pillar)	DATE	STAKEHOLDERS	CORE COMPONENTS				ENABLING ACTIONS (What?)					INDICATORS
G	Government Leadership	When?	Who?	Energy Efficiency	Operational	Embodied	Resilience	MILESTONE & SUBGOAL 1	MILESTONE & SUBGOAL 2	MILESTONE & SUBGOAL 3	MILESTONE & SUBGOAL 4	MILESTONE & SUBGOAL 5	INDICATORS	
G2	Existence of a National Energy Efficiency Policy or Strategy for the construction and operation of buildings	TBD according to local context	Climate authorities, Ministry of Infrastructure, Housing, Environment, Public Policy Officials, Academia and Private Sector, Local GBC	✓				Establishment of a National Committee on Decarbonization and Resilience of the Built Environment to 2050	Definition of a Sustainable Construction Roadmap to 2035 and 2050 in order to address the NDCs version 3.0 updated to 2025.	Development and/or updating of the Regulatory Framework linked to the Sustainable Construction Sector (Sustainable Construction Technical Code - CTCS - Green Housing certification procedure and procedures or regulations linked to State subsidies in the construction sector)	Approval and publication of regulations that evaluate water efficiency, energy efficiency, and life cycle indicators for buildings.		% Progress = (milestone completed / total milestones) x 100	
G4	Availability of regulations aligned with zero carbon certification systems	TBD according to local context	Climate authorities, Ministry of Infrastructure, Housing, Environment, Public Policy Officials, Academia and Private Sector, Local GBC	✓	✓	✓		Establishment of a National Committee on Decarbonization and Resilience of the Built Environment to 2050	Definition of a Sustainable Construction Roadmap to 2035 and 2050 in order to address the NDCs version 3.0 updated to 2025.	Development and/or updating of the Regulatory Framework linked to the Sustainable Construction Sector (Sustainable Construction Technical Code - CTCS - Green Housing certification procedure and procedures or regulations linked to State subsidies in the construction sector)	Approval and publication of regulations that encourage the recognition and development of zero-carbon buildings.		% Progress = (milestone completed / total milestones) x 100	
G1	Existence of mandatory regulations and/or performance requirements related to a national goal of zero carbon in buildings	TBD according to local context	Climate authorities, Ministry of Infrastructure, Housing, Environment, Public Policy Officials, Academia and Private Sector, Local GBC	✓	✓	✓		Establishment of a National Committee on Decarbonization and Resilience of the Built Environment to 2050	Definition of a Sustainable Construction Roadmap to 2035 and 2050 in order to address the NDCs version 3.0 updated to 2025.	Development and/or updating of the Regulatory Framework linked to the Sustainable Construction Sector (Sustainable Construction Technical Code - CTCS - Green Housing certification procedure and procedures or regulations linked to State subsidies in the construction sector)	Approval and publication of regulations that include the goal of carbon neutrality in buildings by 2050.		% Progress = (milestone completed / total milestones) x 100	
G3	Existence of a National Decarbonization Policy or Strategy for the construction sector and its value chain	TBD according to local context	Climate authorities, Ministry of Infrastructure, Housing, Environment, Public Policy Officials, Academia and Private Sector, Local GBC		✓	✓		Establishment of a National Committee on Decarbonization and Resilience of the Built Environment to 2050	Definition of a Sustainable Construction Roadmap to 2035 and 2050 in order to address the NDCs version 3.0 updated to 2025.	Development and/or updating of the Regulatory Framework linked to the Sustainable Construction Sector (Sustainable Construction Technical Code - CTCS - Green Housing certification procedure and procedures or regulations linked to State subsidies in the construction sector)	Approval and publication of regulations that include more stringent requirements for the sector's value chain (greater emphasis on building materials - eco-materials, linked to sustainable product catalogs), biodiversity protection, and reduced land-use change.		% Progress = (milestone completed / total milestones) x 100	
G5	Existence of a National Climate Resilience Policy or Strategy for the construction sector and its value chain	TBD according to local context	Climate authorities, Ministry of Infrastructure, Housing, Environment, Public Policy Officials, Academia and Private Sector, Local GBC				✓	Establishment of a National Committee on Decarbonization and Resilience of the Built Environment to 2050	Definition of a Sustainable Construction Roadmap to 2035 and 2050 in order to address the NDCs version 3.0 updated to 2025.	Development and/or updating of the Regulatory Framework linked to the Sustainable Construction Sector (Sustainable Construction Technical Code - CTCS - Green Housing certification procedure and procedures or regulations linked to State subsidies in the construction sector)	Approval and publication of regulations emphasizing disaster risk assessment.		% Progress = (milestone completed / total milestones) x 100	
G7	Incorporation of more ambitious mitigation and adaptation commitments for the sector in the NDCs	TBD according to local context	Climate authorities, Ministry of Infrastructure, Housing, Environment, Public Policy Officials, Academia and Private Sector, Local GBC	✓	✓	✓	✓	Establishment of a National Committee on Decarbonization and Resilience of the Built Environment to 2050	Definition of a Sustainable Construction Roadmap to 2035 and 2050 in order to address the NDCs version 3.0 updated to 2025.	Development and/or updating of the Regulatory Framework linked to the Sustainable Construction Sector (Sustainable Construction Technical Code - CTCS - Green Housing certification procedure and procedures or regulations linked to State subsidies in the construction sector)	Approval and publication of regulations that prioritize adaptation and mitigation measures in accordance with NDC version 3.00 published in November 2025.		% Progress = (milestone completed / total milestones) x 100	
G6	Availability and access to a local carbon market (Measurement, Reporting and Verification)	TBD according to local context	Climate authorities, Ministry of Infrastructure, Housing, Environment, Public Policy Officials, Academia and Private Sector, Local GBC		✓	✓		Establishment of a National Committee on Decarbonization and Resilience of the Built Environment to 2050	Definition of a Sustainable Construction Roadmap to 2035 and 2050 in order to address the NDCs version 3.0 updated to 2025.	Development and/or adoption of interoperable measurement tools for sustainable construction (SIEHUS of the MVCS and Sustainable Building Passport administered by the GBCpe)	Interoperability between the SIEHUS platform and private sector efficiency measurement tools (such as the Sustainable Building Passport administered by GBCpe).		% Progress = (milestone completed / total milestones) x 100	
T	Technical Solutions	When?	Who?	Energy Efficiency	Operational	Embodied	Resilience	MILESTONE & SUBGOAL 1	MILESTONE & SUBGOAL 2	MILESTONE & SUBGOAL 3	MILESTONE & SUBGOAL 4	MILESTONE & SUBGOAL 5	INDICATORS	
T3	Availability of technologies for the implementation of energy efficiency strategies and improvement of energy performance from the design stage	TBD according to local context	Representatives from the private sector of the value chain, Academia, local GBC, Public Institutions	✓				Establishment of a National Committee on Decarbonization and Resilience of the Built Environment to 2050	Implementation of workshops on available technologies to define an energy efficiency strategy.	Development of an Energy Efficiency Manual and best practices, decision trees, and recommendations	Approval and publication of the Energy Efficiency Manual for the Construction Sector	Link the methodology to national resilience policies, regulations, and/or plans (mandatory compliance)	% Progress = (milestone completed / total milestones) x 100	
T7	Incorporation of climate resilience strategies from project planning and design	TBD according to local context	Representatives from the private sector of the value chain, Academia, local GBC, Public Institutions				✓	Establishment of a National Committee on Decarbonization and Resilience of the Built Environment to 2050	Implementation of workshops and consensus-building on strategies for resilience in the built environment.	Development of an Urban Resilience Manual and best practices, decision trees, and recommendations	Approval and publication of the Urban Resilience Manual for the Construction Sector	Link the methodology to national resilience policies, regulations, and/or plans (mandatory compliance)	% Progress = (milestone completed / total milestones) x 100	
T4	Availability of renewable energies for integration into the decarbonization pathway of buildings	TBD according to local context	Representatives from the private sector of the value chain, Academia, local GBC, Public Institutions		✓		✓	Establishment of a National Committee on Decarbonization and Resilience of the Built Environment to 2050	Implementation of workshops on strategies for implementing renewable energy systems (case by case, stand-alone systems vs. district systems) for buildings.	Development of a Renewable Energy Systems Manual for Buildings and best practices, decision trees, and recommendations	Approval and publication of the Renewable Energy Manual for Buildings in the Construction Sector	Link the methodology to national resilience policies, regulations, and/or plans (mandatory compliance)	% Progress = (milestone completed / total milestones) x 100	
T6	Training in selection criteria of technical solutions for decarbonization and climate resilience	TBD according to local context	Representatives from the private sector of the value chain, Academia, local GBC, Public Institutions	✓	✓	✓	✓	Establishment of a National Committee on Decarbonization and Resilience of the Built Environment to 2050	Implementation of workshops on decarbonization and climate resilience: what strategies exist and when to apply them.	Development of a Manual with best practices, decision trees, and recommendations	Approval and publication of the Decarbonization and Climate Resilience Manual for Buildings in the Construction Sector	Link the methodology to national resilience policies, regulations, and/or plans (mandatory compliance)	% Progress = (milestone completed / total milestones) x 100	
T2	Establishment of public commitments by the private sector to decarbonize their assets and make them climate resilient	TBD according to local context	Representatives from the private sector of the value chain, Academia, local GBC, Public Institutions		✓	✓	✓	Establishment of a National Committee on Decarbonization and Resilience of the Built Environment to 2050	Implementation of workshops on private sector commitments to decarbonize assets and urban resilience (e.g., Zero Carbon Buildings Commitment).	Monitoring and follow-up of the dissemination of established commitments	Approval and publication of the Decarbonization and Climate Resilience Manual for Private Sector Buildings in the Construction Sector		% Progress = (milestone completed / total milestones) x 100	
T5	Knowledge of affordable methodologies for the calculation and management of embodied carbon and consulting services	TBD according to local context	Representatives from the private sector of the value chain, Academia, local GBC, Public Institutions			✓		Establishment of a National Committee on Decarbonization and Resilience of the Built Environment to 2050	Implementation of workshops and consensus-building on the methodology for calculating and managing embodied carbon.	Local training, through academia and/or international consultants, accreditation of local specialists	Approval and dissemination of the methodology	Link the methodology to national decarbonization policies, regulations, and/or standards (mandatory compliance)	% Progress = (milestone completed / total milestones) x 100	
T1	Having a clear and agreed definition of zero carbon and resilient buildings	TBD according to local context	Representatives from the private sector of the value chain, Academia, local GBC, Public Institutions	✓	✓	✓	✓	Establishment of a National Committee on Decarbonization and Resilience of the Built Environment to 2050	Implementation of workshops and consensus-building on the definition of a zero-carbon and resilient building.	Approval and publication of the national definition.			% Progress = (milestone completed / total milestones) x 100	
F	Finance	When?	Who?	Energy Efficiency	Operational	Embodied	Resilience	MILESTONE & SUBGOAL 1	MILESTONE & SUBGOAL 2	MILESTONE & SUBGOAL 3	MILESTONE & SUBGOAL 4	MILESTONE & SUBGOAL 5	INDICATORS	
F1	Establish a financial model, with fiscal and non-fiscal incentives for zero-carbon and resilient projects in the construction sector	TBD according to local context	Representatives from the financial sector, government economic officials, local GBC representatives, and representatives from the value chain	✓	✓	✓	✓	Establishment of a National Committee on Decarbonization and Resilience of the Built Environment to 2050	Workshop on governance, agenda of the Committee for the development of the financial model for sustainable construction.	Development of the financial model and business case linked to local and international taxonomy.	Approval and launch of publications such as the local taxonomy, financial products for public and private projects		% Progress = (milestone completed / total milestones) x 100	
F5	Capacity building in technical-financial analysis with a project life cycle approach and best practices considering climate mitigation and adaptation	TBD according to local context	Representatives from the financial sector, government economic officials, local GBC representatives, and representatives from the value chain	✓	✓	✓	✓	Establishment of a National Committee on Decarbonization and Resilience of the Built Environment to 2050	Workshop on the need for technical and financial evaluation of sustainable projects, agenda for the development of the financial model for sustainable construction.	Dissemination of the methodology and training results.			% Progress = (milestone completed / total milestones) x 100	



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MILESTONE & SUBGOAL 1		MILESTONE & SUBGOAL 2		MILESTONE & SUBGOAL 3		MILESTONE & SUBGOAL 4		MILESTONE & SUBGOAL 5		INDICATORS				
F2	Establishment of budget guidelines for zero-carbon and resilient construction projects	TBD according to local context	Representatives from the financial sector, government economic officials, local GBC representatives, and representatives from the value chain	✓	✓	✓	✓	Establishment of a National Committee on Decarbonization and Resilience of the Built Environment to 2050	Workshop on the development of guidelines and directives to consider when preparing, presenting, and evaluating budgets for sustainable construction projects, aligned with the financial model.	Approve and publish document/guide.			% Progress = (milestone completed / total milestones) x 100	
F4	Guidelines for the verification and disclosure of climate risks to include in project economic models	TBD according to local context	Representatives from the financial sector, government economic officials, local GBC representatives, and representatives from the value chain				✓	Establishment of a National Committee on Decarbonization and Resilience of the Built Environment to 2050	Develop a Climate Risk Management Manual (identification, assessment, verification, and reporting) for inclusion in the financial model/business case.	Approve and publish document/guide.			% Progress = (milestone completed / total milestones) x 100	
F3	Linking energy efficiency, zero carbon and building resilience with ESG performance reporting frameworks and disclosure standards	TBD according to local context	Representatives from the financial sector, government economic officials, local GBC representatives, and representatives from the value chain	✓	✓	✓	✓	Establishment of a National Committee on Decarbonization and Resilience of the Built Environment to 2050	Develop a Manual of good financial/accounting practices that links decarbonization, resilience, and ESG in the built environment, aligned with reporting frameworks under national (if any) or international regulations.	Approve and publish document/guide.			% Progress = (milestone completed / total milestones) x 100	
D		Data	When?	Who?	Energy Efficiency	Operational	Embodied	Resilience	MILESTONE & SUBGOAL 1	MILESTONE & SUBGOAL 2	MILESTONE & SUBGOAL 3	MILESTONE & SUBGOAL 4	MILESTONE & SUBGOAL 5	INDICATORS
D3	Digital solutions for measurement, monitoring, control and automation of buildings such as BIM modeling, AI, 5G, and big data	TBD according to local context	Representatives from the private sector of the value chain, Academia, local GBC, Public Institutions	✓	✓			Establishment of a National Committee on Decarbonization and Resilience of the Built Environment to 2050	Implementation of workshops and consensus-building on the methodology for measurement, monitoring, automation, and control	Implement the methodology in pilot projects of different types	Approval and publication of results	Linking the methodology as an assessment tool for verifying legal compliance and/or conducting technical-economic evaluations	% Progress = (milestone completed / total milestones) x 100	
D1	Provide tools or databases for defining energy efficiency, embodied and operational carbon, and resilience goals for the construction sector	TBD according to local context	Representatives from the private sector of the value chain, Academia, local GBC, Public Institutions	✓	✓	✓	✓	Establishment of a National Committee on Decarbonization and Resilience of the Built Environment to 2050	Execution of studies to determine a current baseline: operational carbon, embedded carbon, and resilience	Define decarbonization and resilience goals, based on baseline results and aligned with global goals	Approval and publication of results		% Progress = (milestone completed / total milestones) x 100	
D2	Provide measurement and benchmarking tools for efficient, zero-carbon buildings and resilient	TBD according to local context	Representatives from the private sector of the value chain, Academia, local GBC, Public Institutions	✓	✓	✓	✓	Establishment of a National Committee on Decarbonization and Resilience of the Built Environment to 2050	Development of the tool's implementation methodology (which may be linked to the baseline methodology and available digital solutions)	Implement the tool in pilot projects of different types	Approval and publication of results	Linking the tool as an assessment tool for verifying legal compliance and/or conducting technical-economic evaluations	% Progress = (milestone completed / total milestones) x 100	
D5	Capacity building in mechanisms and information technologies for measurement, registration, verification and reporting of emissions	TBD according to local context	Representatives from the private sector of the value chain, Academia, local GBC, Public Institutions		✓	✓		Establishment of a National Committee on Decarbonization and Resilience of the Built Environment to 2050	Local training, through academia and/or international consultants	Disseminate the methodology and training results			% Progress = (milestone completed / total milestones) x 100	
D4	Data transparency to promote leadership, favor comparability, management and trust in the dissemination of results	TBD according to local context	Representatives from the private sector of the value chain, Academia, local GBC, Public Institutions	✓	✓		✓	Establishment of a National Committee on Decarbonization and Resilience of the Built Environment to 2050	Definition of performance reporting commitments aligned with national and global goals	Establish a mechanism for verifying and monitoring the dissemination of performance reports			% Progress = (milestone completed / total milestones) x 100	
M		Mindset	When?	Who?	Energy Efficiency	Operational	Embodied	Resilience	MILESTONE & SUBGOAL 1	MILESTONE & SUBGOAL 2	MILESTONE & SUBGOAL 3	MILESTONE & SUBGOAL 4	MILESTONE & SUBGOAL 5	INDICATORS
M2	National working group on energy efficiency, zero carbon and resilience in buildings	TBD according to local context	Climate authorities, Ministry of Infrastructure, Housing, Environment, Public Policy Officials, Academia and Private Sector, Local GBC	✓	✓	✓	✓	Establishment of a National Committee on Decarbonization and Resilience of the Built Environment to 2050	Definition of the governance, objectives, goals, and activities of the National Committee regarding outreach and training.	Launch of the National Committee.	Monitoring and dissemination of the achievement of the Working Group's objectives and goals		% Progress = (milestone completed / total milestones) x 100	
M3	Existence of a mechanism for capacity development in energy efficiency and decarbonization in buildings	TBD according to local context	Climate authorities, Ministry of Infrastructure, Housing, Environment, Public Policy Officials, Academia and Private Sector, Local GBC	✓	✓	✓		Establishment of a National Committee on Decarbonization and Resilience of the Built Environment to 2050	Updating the academic community and various industry associations within the construction sector's value chain on decarbonization.	Local training, through academia and/or international consultants.	Dissemination of training achievements and results		% Progress = (milestone completed / total milestones) x 100	
M4	Existence of a mechanism for capacity development in climate adaptation and resilience in buildings	TBD according to local context	Climate authorities, Ministry of Infrastructure, Housing, Environment, Public Policy Officials, Academia and Private Sector, Local GBC				✓	Establishment of a National Committee on Decarbonization and Resilience of the Built Environment to 2050	Updating the academic community and various industry associations within the construction sector's value chain on resilience.	Local training, through agreements with universities and/or international consultants provided by international cooperation.	Dissemination of training achievements and results		% Progress = (milestone completed / total milestones) x 100	
M1	Existence of a "public declaration of commitments" as a requirement to ensure transparency, access to financial and regulatory incentives for the public sector	TBD according to local context	Climate authorities, Ministry of Infrastructure, Housing, Environment, Public Policy Officials, Academia and Private Sector, Local GBC	✓	✓	✓	✓	Establishment of a National Committee on Decarbonization and Resilience of the Built Environment to 2050	Definition of the mechanism for disseminating zero-carbon commitments.	Monitoring and follow-up of the dissemination of established commitments.			% Progress = (milestone completed / total milestones) x 100	