

## General Information

<b>Fund</b>	MPTF_00300: Infrastructure Resilience Accelerator Fund (IRAF)					
<b>FMP Record</b>	MPTF_00300_00010: Data and Systems for Resilient Housing Programs in Dominica					
<b>MPTFO Project Id</b>	00140543					
<b>Start Date</b>	01-Jan-2024					
<b>End Date</b>	01-Jan-2026					
<b>Applicants</b>	<b>Status</b>	<b>Contact Type</b>	<b>Name</b>	<b>e-mail</b>	<b>Position</b>	<b>Telephone</b>
	Active: 12-Jun-2023 2:25:00 PM	Project Manager	Louise Foulkes	louise@buildchange.org		
	Active: 12-Jun-2023 2:36:00 PM	Project Manager	Pierre Paya	pierre@buildchange.org		
<b>Signatories</b>	<b>Signature Process</b>	<b>Role</b>	<b>Name of Organization</b>		<b>Name</b>	<b>User Email</b>
	Digital	Signatory	Chief of Engineering, Chief Admin Officer, Build Change		Ms M. Lisbeth B. Collins	lizzie@buildchange.org
	Digital	Signatory	CDRI		Mr Amit Prothi	amit.prothi@cdri.world
	Digital	Signatory	UNDP, TFMC UN Co Chair		Mr Ronald Jackson	ronald.jackson@undp.org
	Digital	Signatory	Ministry of Housing and Lands, Government of the Commonwealth of Dominica		Dr Kyra Paul	pshousing@dominica.gov.dm
<b>Contacts</b>	<b>Contact Type</b>	<b>Name</b>	<b>e-mail</b>	<b>Position</b>	<b>Additional e-mail</b>	<b>Telephone</b>
	Focal Point	Samuel Carrette	scarrette@creadominica.org	Resilience Planning and Development Consultant		
	Focal Point	Juan Caballero	juan@buildchange.org	Chief of Programs		
		Devin Connell	devin@buildchange.org	Director of Operations and Administration		
<b>Description</b>	<p>Dominica is ranked 4th in the world for highest disaster risk exposure. It is highly exposed to numerous geohazards, including earthquakes, volcanoes, and tsunamis, as well as meteorological hazards that are becoming more frequent and more destructive with climate change, including hurricanes, flooding, storm surge, and landslides. In such a context, low-income housing constructions in Dominica are disproportionately vulnerable to the increased severity of natural hazards.</p> <p>In 2018, the Government of Dominica acknowledged the existential threat climate change poses to the country and established the Climate Resilience Execution Agency for Dominica (CREAD) as a statutory agency with a vision of transforming Dominica into the world's first climate-resilient nation. CREAD's mission is outlined in 20 targets to be achieved by 2030, the third of which recognizes the need for resilient housing: 90% of the housing stock built or retrofitted to resilient building codes.</p> <p>Nationally, significant progress has been made in the construction of <b>new</b> resilient housing as part of recovery efforts post-Hurricane Maria and Government social housing programs. However, very little progress has yet been made in addressing the vulnerability in the <b>existing</b> housing stock, and data is not available to assess the scale of the problem or to inform the design of a Government led solution.</p> <p>This proposal seeks to address the current gaps and challenges preventing Dominica from increasing the resilience of the existing housing stock by:</p> <ul style="list-style-type: none"> <li>Collecting data to determine a statistically viable baseline describing the condition of existing housing, against which the success and progress of improvement programs can be measured.</li> <li>Developing guidance for strengthening and upgrading existing housing in Dominica, that can be used by homeowners and builders.</li> <li>Designing Government-led home strengthening programs to preventively mitigate the exposure of vulnerable existing houses to natural hazards and their increasing severity due to the effects of climate change.</li> </ul>					
<b>Universal Markers</b>	<b>Gender Equality Marker</b>	<b>Risk</b>				
	<ul style="list-style-type: none"> <li>GEM2 - GEWE is a significant objective of the Key Activity's overall intent</li> </ul>	<ul style="list-style-type: none"> <li>Low Risk</li> </ul>				

Optional Markers	Small Island Developing States (SIDS)				• Yes
Fund Specific Markers	THEMATIC FOCUS	<b>Themes</b> <ul style="list-style-type: none"> <li>KNOWLEDGE, RESEARCH, INNOVATION</li> <li>GOVERNANCE SYSTEMS (POLICIES, STANDARDS, SOPS, GUIDELINES, PLANS, INSTITUTIONS)</li> <li>DATA, ASSESSMENTS, SURVEYS</li> </ul>			
	GEOGRAPHICAL WINDOWS	<b>Gorgraphical Funding windows</b> <ul style="list-style-type: none"> <li>Small Island Developing States</li> </ul>			
	SECTORAL FOCUS	<b>SECTORS</b> <ul style="list-style-type: none"> <li>Multi-sector</li> </ul>			
	<b>ELIGIBILITY TO RECEIVE IRAF FUNDING: Legal Registration; Fiduciary risks (HR, procurement, accounting, audit); Protection from sexual exploitation, abuse and harassment;</b>	<b>ELIGIBILITY CRITERIA - SELECT RELEVANT CRITERIA APPLYING TO YOUR ORGANIZATION - OR SELECT ALL (UN ORGANIZATIONS : SELECT n/a)</b> <ul style="list-style-type: none"> <li>LEGAL REGISTRATION: Your organization has a current and valid legal registration document, or evidence that demonstrates that such registration is possible.</li> <li>HR: Your organization has a procedure manual for the recruitment of staff and personnel</li> <li>Procurement: Your organization has a procedure manual for procurement of goods and services</li> <li>Procurement: Your organization has a procurement department responsible for all procurement of goods and services</li> <li>Accounting: Your organization has an accounting department</li> <li>Audit: Your organization commissions regular Financial Audits</li> <li>SEAH: Your organization has an organizational policy to protect from sexual exploitation, abuse and harassment (staff training, established procedures following a report, victim assistance; or your organization is in the process of establishing such policy</li> <li>All seven (7) eligibility requirements met</li> </ul>			
	<b>Accreditation with other funding mechanisms</b>	<b>ACCREDITATION - SELECT RELEVANT ACCREDITATION APPLYING TO YOUR ORGANIZATION</b> <ul style="list-style-type: none"> <li>Your organization has already been accredited to access UN funding for project implementation</li> </ul>			
Geographical Scope	Geographical Scope	Name of the Region		Region(s)	Country
	• Country			• Americas	• Dominica
Participating Organizations and their Implementing Partners	Participating Organizations	Government/ Multilateral/ NGO/ Other		New Entities	Implementing Partners
				• Build Change - Build Change	
Programme and Project Cost	Participating Organization	Amount (in USD)		Comments	
	Budget Requested				
	Build Change	\$499,861.54		Full project budget	
	Total Budget Requested	\$499,861.54			
	Tranches				
	Tranche 1		Tranche 2		Tranche 3
	Build Change (20%)	\$99,972.31	Build Change (50%)	\$249,930.77	Build Change (30%)
	Total:	\$99,972.31	Total:	\$249,930.77	Total:
	Other Sources (Parallel Funding)				
	Total	\$499,861.54			
Thematic Keywords	<ul style="list-style-type: none"> <li>Recovery and Build Back Better</li> <li>Innovation</li> </ul>				
Programme Duration	Anticipated Start Date	01-Jan-2024			
	Duration (In months)	24			
	Anticipated End Date	01-Jan-2026			

## Narratives

Title	Text
No data available.	

## SDG Targets

Target	Description
No data available.	

## SDG Indicators

Indicator Code	Description
No data available.	

## Contribution to SDGs

Participating Organization	% TARGET_11 .5	% TARGET_9 .a	% TARGET_5 .5	% TARGET_13 .2	% TARGET_13 .b	% TARGET_4. 3	% TARGET_11 .1	% TARGET_13 .3	% TARGET_11 .c	% Total
Build Change	20	15	5	10	10	10	10	10	10	100
<b>Total contribution by target</b>	<b>20</b>	<b>15</b>	<b>5</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	
<b>Project contribution to SDG by target</b>	<b>20</b>	<b>15</b>	<b>5</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>100</b>

## List of documents

Document	Document Type	Document Source	Document Abstract	Document Date	Classification	Featured	Status	Modified By	Modified On
<a href="#">IRAF Dominica Build Change prodoc signed 15.12.23.pdf</a>	Pro Doc	Project		15-Dec-2023	Internal	No	Finalized - Signature Redacted	sophie.baranes@undp.org	15-Dec-2023 5:31:26 PM
<a href="#">CDRI IRIS IPR Build Change Dominica.pdf</a>	Other Docs	Project	Build Change signed IPR form	07-Dec-2023	Internal	No	Finalized	louise@buildchange.org	07-Dec-2023 12:19:21 PM
<a href="#">Dominica CREAD - IRAF Letter of endorsement.pdf</a>	Other Docs	Project	IRAF Letter of Endorsement by the Government of Dominica	07-Jun-2023	Confidential	No	Finalized	ntufani@hotmail.com	14-Jun-2023 3:32:18 AM
<a href="#">Articles of Incorporation - Name Change - Build Change.pdf</a>	Other Docs	Project	Articles of Incorporation - Name Change	01-Jan-2013	Confidential	No	Finalized	ntufani@hotmail.com	14-Jun-2023 2:50:19 AM
<a href="#">Articles of Incorporation - Build Change - State Certified.pdf</a>	Other Docs	Project	Articles of Incorporation & State Certification	01-Jan-2013	Confidential	No	Finalized	ntufani@hotmail.com	14-Jun-2023 2:48:33 AM

<a href="#">Build Change Financial Policy Handbook 2022.pdf</a>	Other Docs	Project	Financial Policy Handbook	01-Jun-2022	Internal	No	Finalized	ntufani@hotmail.com	14-Jun-2023 2:42:51 AM
<a href="#">BC - Code of Conduct.pdf</a>	Other Docs	Project	Code of Conduct	04-May-2020	Internal	No	Finalized	ntufani@hotmail.com	14-Jun-2023 2:41:29 AM
<a href="#">BC - Anti-Discrimination and Harassment Policy (from Employee Handbook).pdf</a>	Other Docs	Project	Anti Discrimination and Harassment Policy	01-Jan-2023	Internal	No	Finalized	ntufani@hotmail.com	14-Jun-2023 2:38:00 AM
<a href="#">BC - Anti-Collusion and Corruption Statement.pdf</a>	Other Docs	Project	Anti Collusion and Corruption Statement	09-Dec-2020	Internal	No	Finalized	ntufani@hotmail.com	14-Jun-2023 2:36:32 AM
<a href="#">The-Build-Change-Guide-to-Resilient-Housing-compressed.pdf</a>	Lessons Learned/Review Report	Project	Build Change Guide on Resilient Housing	01-Jul-2021	External	Yes	Finalized	ntufani@hotmail.com	14-Jun-2023 2:34:24 AM
<a href="#">7. Timeline Gantt Chart MPTF_0030_0_00010 MS Excel.xlsx</a>	Other Docs	Project Narrative	Timeline Gantt Chart for MPTF_00300_00010	14-Jun-2023	Internal	No	Finalized	ntufani@hotmail.com	14-Jun-2023 2:29:39 AM
<a href="#">Build Change Statement of Qualifications - Dominica.pdf</a>	Other Docs	Project Narrative	Statement of Qualifications	01-Feb-2023	Internal	No	Finalized	ntufani@hotmail.com	14-Jun-2023 2:29:30 AM
<a href="#">AmCross BC QPR Narrative Y2O9 FINAL181022.pdf</a>	Progress report	Project	Quarterly Report to American Red Cross regarding Housing Reconstruction Project in Nepal where Build Change was American Red Cross' contractor	22-Oct-2018	Confidential	No	Finalized	ntufani@hotmail.com	14-Jun-2023 2:29:01 AM
<a href="#">20200430_GC_BC_Pac Islands Final Report.pdf</a>	Final narrative report	Project	Final Report for ADB Consultancy about SIDS	31-Jan-2020	Confidential	No	Finalized	ntufani@hotmail.com	14-Jun-2023 2:26:01 AM

<a href="#">Contract for professional services BC Signed.pdf</a>	Other Docs	Project	Contract For Professional Services Between Build Change and UNOPS	08-Mar-2018	Very Confidential	No	Finalized	ntufani@hotmail.com	14-Jun-2023 2:20:22 AM
<a href="#">2021-01-18 User Acceptance Report.pdf</a>	Evaluation report	Project	User Acceptance Report	18-Jan-2021	Confidential	No	Finalized	ntufani@hotmail.com	14-Jun-2023 2:10:30 AM
<a href="#">2023.06.14 CREAD-BUILD CHANGE-CDRI Concept Note.pdf</a>	Concept Note	Project	Concept Note: Data and Systems for Resilient Housing Programs in Dominica	14-Jun-2023	Confidential	No	Finalized	ntufani@hotmail.com	14-Jun-2023 2:05:14 AM
<a href="#">Build Change 2021 Consolidated Financial Statements and Audit Report.pdf</a>	Audit report	Project	Build Change 2021 Consolidated Financial Statements and Audit Report	07-Jul-2022	External	No	Finalized	ntufani@hotmail.com	14-Jun-2023 1:58:48 AM
<a href="#">Build Change 2022 Annual Report.pdf</a>	Annual Report	Project	Build Change 2022 Annual Report	01-Jan-2023	External	No	Finalized	ntufani@hotmail.com	14-Jun-2023 1:54:00 AM

## Project Results

Outcome	Output	Description
<b>IRAF OUTCOME 3 - Countries have increased access to knowledge and resources to increase the resilience and inclusivity of their existing and future critical infrastructure systems by 2030</b>		CDRI offers direct technical assistance and grants to countries to develop and adopt enhanced disaster resilient and inclusive standards and practices for infrastructure system development through direct calls for proposals, access to relevant knowledge products and solutions meant to address specific geographical or sectoral vulnerabilities, and advisory services.
	<b>Output 3.1 SIDS are better equipped with knowledge and resources to increase the resilience and inclusivity of their critical infrastructure systems</b>	CDRI will support SIDS countries or regions with the development and adoption of DRI country systems, standards and practices, and access to knowledge products and advisory services that are locally relevant in SIDS contexts.

Outcome	Output	Description			
	Activities				
	Title	Description	Lead Participating Organization	Participating Organization	Other Organizations
	Activity 9: Sharing outputs with other SIDS.	Sharing outputs with other SIDS. The project will establish a mechanism for sharing project results with other SIDS and CDRI members. This will include collaborating with CDRI to showcase project results at global conferences which CDRI members are present and making key project outputs available for consultation by CDRI members and SIDS Government stakeholders. Output: Project presentation by CREAD & Build Change staff at one or more international conference.  Website with key project outputs available for download (ideally linked to CDRI’s website)	Build Change - Build Change		CREAD (Government of Dominica)
IRIS result 1: Risk informed and inclusive SIDS infrastructure					
	IRIS Output 1: Improved data availability to inform the design, planning and implementation of resilient infrastructure in SIDS	Increase available data and data quality of existing data on housing resilience, housing vulnerability and level of hurricane-damage of houses in Dominica.			

Outcome	Output	Description			
	Activities				
	Title	Description	Lead Participating Organization	Participating Organization	Other Organizations
	Activity 1: Compilation & Assessment of existing data on Dominica's housing stock.	Compilation & Assessment of existing data on Dominica's housing stock. This is a combination of in-country desk reviews and remote desk reviews of Dominica Government housing data. Output: Dominica housing stock assessment report.	Build Change - Build Change		CREAD (Government of Dominica)
	Activity 2: Conception & design of a survey.	Conception & design of a survey for the purpose of assessing exposure and vulnerability of Dominica's existing housing stock. Also a combination of in-country & remote inputs. Output: Ready-to-use survey, including data collection digital forms.	Build Change - Build Change		CREAD (Government of Dominica)
	Activity 3: Field surveying.	Field surveying, using the previously created survey. Usage of 8 local surveyors divided into 4 teams of 2. Output: Data collection on a statistically significant number of single-family housing units across Dominica (at least 400), and will maximize efficiency and reach through the use of digital tools and technology	Build Change - Build Change		CREAD (Government of Dominica)
	Activity 4: Survey results analysis.	Survey results analysis. Remote and in-country data analysis. Output: Survey data analysis report	Build Change - Build Change		CREAD (Government of Dominica)
	IRIS Output 2: Enhanced policies, plans and standards to guide the design, planning and implementation of resilient infrastructure in SIDS	Design a House Strengthening Program, including systems and tools, for CREAD to strengthen existing vulnerable and damaged houses.			

Outcome	Output	Description			
	Activities				
	Title	Description	Lead Participating Organization	Participating Organization	Other Organizations
	Activity 7: Program design for strengthening of existing houses.	Program design for strengthening of existing houses. Remote and in-country teams will design a house strengthening program tailored to Dominica’s needs, including integrated systems and technical assistance tools (house evaluations, prescriptive interventions, and construction supervision checklists). These tools will complement the three manuals produced in activity 7. Output: House strengthening program design, including systems and technical assistance tools.	Build Change - Build Change		CREAD (Government of Dominica)
IRIS result 2: Strengthened knowledge and partnerships to produce locally relevant solutions for infrastructure resilience and inclusivity					
	IRIS Output 1: Locally relevant solutions for resilient and inclusive SIDS infrastructure system produced and disseminated Indicator: Number of knowledge products and services	Dissemination of housing resilience vulnerability survey analysis.			
	Activities				
	Title	Description	Lead Participating Organization	Participating Organization	Other Organizations
	Activity 5: Dissemination of Survey Results	Dissemination of Survey Results. 6-months long dissemination event aimed at Dominica stakeholders, to provide the broader population: A summary of survey results The list of priority recommendations A description of the envisioned resulting resilient-housing improvement program.	Build Change - Build Change		CREAD (Government of Dominica)
	IRIS Output 2: Networks established or strengthened to generate and disseminate locally relevant solutions for resilient and inclusive infrastructure in SIDS between public and private sector stakeholders Indicator: Number of networking events	Full hand-over of the House Strengthening Program, including systems and tools, to CREAD.			



Outcome	Output	Description			
	Activities				
	Title	Description	Lead Participating Organization	Participating Organization	Other Organizations
	Activity 8: Training of CREAD personnel	Training of CREAD personnel. This training, delivered by Build Change, is aimed at capacitating CREAD personnel (and other key personnel identified by CREAD) to organize the rolling-out of the housing improvement program designed in activity 7. Trainees will be program managers and senior technical leaders with the ability to train others. The majority of the trainees would have already interacted with the project and would have contributed their feedback at various stages of the project. It is important to note that these trainings are also an opportunity for selected Dominica Government technical and government stakeholders to receive a full hand-over of the work produced during the project. Output: Four training sessions to take place during a 3 month-timespan to accommodate as much as possible the availability of the trainees. Climate adaptation & Natural Hazards – as pertaining to housing Elements of the housing improvement program Program systems Program technical assistance tools	Build Change - Build Change		CREAD (Government of Dominica)
IRIS result 3: Enhanced access to technical expertise and know-how for capacity strengthening of institutions, academia and practitioners					
	IRIS Output 1: Mechanisms established to create a marketplace of experts in disaster and climate resilient infrastructure systems Indicator: Number of experts deployed to support institution and people skill development	Enhance access and awareness of three target populations (non-technical, technical, inspectors) to know-how about resilient housing.			

Outcome	Output	Description			
	Activities				
	Title	Description	Lead Participating Organization	Participating Organization	Other Organizations
	Activity 6: Development of Guidance Manuals.	Development of Guidance Manuals for improving vulnerable houses. Output: 3 manuals Awareness manual aimed at non-technical persons such as homeowners and community members. Prescriptive technical manual aimed at construction professionals including builders and contractors. Supervision and inspection manual aimed at quality assurance / quality control agents (government or private).	Build Change - Build Change		CREAD (Government of Dominica)

## Signature Indicators

Indicator Title	Component Title	Description	Means of Verification	Category	Cycle	Scope	Value Type	Baseline Value	Baseline Year	Target Value	Target Year	Linked Outcome / Output
No signature indicators available.												

## Imported Fund Outcome / Output Indicators

Indicator Title	Component Title	Description	Means of Verification	Category	Cycle	Scope	Value Type	Baseline Value	Baseline Year	Target Value	Target Year	Linked Outcome / Output
IRAF OUTCOME 3 INDICATOR 1 (country systems)		Increase in Nb. of countries that have adopted enhanced disaster resilient and inclusive standards for infrastructure system development and post disaster recovery	CDRI IRAF annual report on direct support to countries	Capacity	Yearly	Country	Number	0	2022	10 countries have adopted enhanced disaster resilient and inclusive standards for infrastructure system development	2027	

Indicator Title	Component Title	Description	Means of Verification	Category	Cycle	Scope	Value Type	Baseline Value	Baseline Year	Target Value	Target Year	Linked Outcome / Output
IRAF OUTPUT 3.1 - INDICATOR 1 (SIDS)		Nb. of SIDS countries receiving technical support in DRI inclusive policies, plans, standards and/or enhanced DRI gender and age disaggregated and open-source datasets	CDRI IRAF annual report IRIS impact monitoring reports	Capacity	Yearly	Country	Number	0	2022	20 SIDS countries received technical support in DRI inclusive policies, plans, standards and/or enhanced DRI gender and age disaggregated and open-source datasets	2027	

## Project Indicators

Indicator Title	Component Title	Description	Means of Verification	Category	Cycle	Scope	Value Type	Baseline Value	Baseline Year	Target Value	Target Year	Linked Outcome / Output
CREAD has 3 housing resilience awareness manuals for use as technical resources on a national home improvement program		Based on the findings from the baseline house data collection and analysis, Build Change will develop guidance manuals for improving the disaster resilience and climate adaptability of existing vulnerable houses in Dominica.	CREAD approves the three manuals produced		At closure	Country	Number	0	2023	3	2025	
	Awareness manual for non-technical persons		CREAD approval		At closure	Country	Number	0	2023	1	2025	
	Prescriptive technical manual for construction professionals		CREAD approval		At closure	Country	Number	0	2023	1	2025	
	Supervision and inspection manual for quality assurance / quality control agents		CREAD approval		At closure	Country	Number	0	2023	1	2023	

Indicator Title	Component Title	Description	Means of Verification	Category	Cycle	Scope	Value Type	Baseline Value	Baseline Year	Target Value	Target Year	Linked Outcome / Output
CREAD has statistically significant baseline data on the current status of the housing stock in Dominica			CREAD approval						0		0	
	1. Compilation & Assessment of existing data on Dominica's housing stock.	This is a combination of in-country desk reviews and remote desk reviews of Dominica Government housing data.	Dominica housing stock assessment report.						0		0	
	2. Survey design	Conception & design of a survey for the purpose of assessing exposure and vulnerability of Dominica's existing housing stock. Also a combination of in-country & remote inputs.	Output: Ready-to-use survey, including						0		0	
	3. Field surveying, using the previously created survey.	Usage of 8 local surveyors divided into 4 teams of 2. Maximize efficiency and reach through the use of digital tools and technology	Output: Data collection on a statistically significant number of single-family housing units across Dominica (at least 400)						0		0	
	4. Survey results analysis.	Remote and in-country data analysis.	survey data analysis report						0		0	

Indicator Title	Component Title	Description	Means of Verification	Category	Cycle	Scope	Value Type	Baseline Value	Baseline Year	Target Value	Target Year	Linked Outcome / Output
	5. Disseminate survey results	Build Change and CREAD will hold a dissemination event aimed at Dominica stakeholders, to provide the broader public: Summary of survey results Priority recommendations A description of the envisioned resulting resilient-housing improvement program. The dissemination event will consist of a six-month, multimedia permanent exhibit open to multiple stakeholders through open entry and organized visits, as well as online on the Government of Dominica website and via new layers in Dominode. This will permit the sharing of survey results and of the vision for a long term resilient-housing improvement program in Dominica with all stakeholders.	Dissemination exhibition						0		0	

Indicator Title	Component Title	Description	Means of Verification	Category	Cycle	Scope	Value Type	Baseline Value	Baseline Year	Target Value	Target Year	Linked Outcome / Output
CREAD is trained and equipped to implement national scale home strengthening programs		Enable CREAD to implement a home improvement program using the prescriptive tools and guidance developed, that will be applicable to +80% of the housing stock which is known to be simple, masonry, single family homes. As a first target, CREAD would strengthen the 15,000 houses damaged by Hurricane Maria (2017). o Improve housing resilience and climate-adaptation awareness among the Dominica population and construction industry.	All project components completed		At closure	Country			0		0	
	Program design for strengthening of existing housing	Combine the analysis results from the baseline survey data and the stakeholder feedback from the dissemination event, to design a home strengthening program tailored to Dominica; including program systems and technical assistance tools.	Home strengthening program design report						0		0	

Indicator Title	Component Title	Description	Means of Verification	Category	Cycle	Scope	Value Type	Baseline Value	Baseline Year	Target Value	Target Year	Linked Outcome / Output
	Training of CREAD personnel	Build Change to train key program staff within CREAD to roll out the house strengthening program system.	At least 2 CREAD staff trained.						0		0	

## Risks

Event	Category	Level	Likelihood	Impact	Mitigating Measures	Risk Owner
That the project is unable to survey at least 380 houses .	<ul style="list-style-type: none"> <li>Operational</li> </ul>	Low	Unlikely	Moderate	We have planned for 4 teams of 2 surveyors to conduct housing surveys during a 4-month period. This should be ample capacity and time to yield over 1,000 survey results. We can increase the number of surveyor teams by sending out lone surveyors rather than pairs. This would create a 2x effect on conducted survey WITHOUT increasing the budget. Note that we currently estimate project surveyors to survey at least 1,300 houses with the four teams of 2-surveyor per team set-up.	Build Change
That houses in hard-to-reach locations are under-represented in the survey.	<ul style="list-style-type: none"> <li>Social and Environmental</li> <li>Political</li> <li>Operational</li> </ul>	Low	Unlikely	Moderate	Surveys will be scheduled across all locations within Dominica, with attention given to population density as well as geography. We plan to analyze partial survey data against those two factors on a fortnightly basis. If necessary, we will be able to re-direct surveying teams towards locations that are under-represented. Note that given the small insular nature of Dominica, every inhabited location is accessible with project resources, and that maximum difference in travel time between easy-to-reach and hard-to-reach locations is less than one day (meaning that it does not require the surveyors to overnight at any distant location).	Build Change
Dominica is prone to hurricanes during the Caribbean Hurricane Season (from June 1st to November 30th). This means that there is a possibility that a hurricane strikes Dominica during our 2-year project. If this were to happen, this would affect our abil	<ul style="list-style-type: none"> <li>Operational</li> </ul>	Medium	Possible	Major	On the one hand, elements of our project team will be working remotely, and that in the event of a hurricane, we would perform as much remote work as possible to meet the project timeline. On a similar risk mitigation approach, we would halt non-essential project activities in Dominica during the passing of a hurricane and in its immediate aftermath. On the other hand, it is important to note that our project is a housing resilience project. As such, its objective is to produce data and tools to better equip Dominica in increasing its resilience against natural disasters and climate-change. And more specifically, our project will establish a toolbox for Dominica to reinforce/improve hurricane damaged houses. As a result, were a hurricane to strike Dominica –especially during the second year of the project, we would be in a position to speed up the finalization and transfer of project outputs to the Dominica Government authorities to expedite post-hurricane housing reconstruction of partially damaged houses across the island.	Build Change

## Budget by UNSDG Categories: Over all

Budget Lines	Build Change (7%) *	Total
1. Staff and other personnel	\$321,600.32	\$321,600.32
2. Supplies, Commodities, Materials	\$0.00	\$0.00
3. Equipment, Vehicles, and Furniture, incl. Depreciation	\$7,500.00	\$7,500.00
4. Contractual services	\$0.00	\$0.00
5. Travel	\$20,640.00	\$20,640.00
6. Transfers and Grants to Counterparts	\$107,622.50	\$107,622.50
7. General Operating and other Direct Costs	\$9,797.50	\$9,797.50
<b>Project Costs Sub Total</b>	<b>\$467,160.32</b>	<b>\$467,160.32</b>
8. Indirect Support Costs	\$32,701.22	\$32,701.22
<b>Total</b>	<b>\$499,861.54</b>	<b>\$499,861.54</b>

## Budget by UNSDG Categories: 2024

Budget Lines	Fiscal Year *	Description	Build Change (7%) *	Total
1. Staff and other personnel	2024		\$26,388.59	\$26,388.59
2. Supplies, Commodities, Materials	2024		\$0.00	\$0.00
3. Equipment, Vehicles, and Furniture, incl. Depreciation	2024		\$2,000.00	\$2,000.00
4. Contractual services	2024		\$0.00	\$0.00
5. Travel	2024		\$360.00	\$360.00
6. Transfers and Grants to Counterparts	2024		\$17,265.00	\$17,265.00
7. General Operating and other Direct Costs	2024		\$1,965.00	\$1,965.00
<b>Project Costs Sub Total</b>			<b>\$47,978.59</b>	<b>\$47,978.59</b>
8. Indirect Support Costs			\$3,358.50	\$3,358.50
<b>Total</b>			<b>\$51,337.09</b>	<b>\$51,337.09</b>

## Budget by UNSDG Categories: 2025

Budget Lines	Fiscal Year *	Description	Build Change (7%) *	Total
1. Staff and other personnel	2025		\$178,049.97	\$178,049.97
2. Supplies, Commodities, Materials	2025		\$0.00	\$0.00
3. Equipment, Vehicles, and Furniture, incl. Depreciation	2025		\$5,000.00	\$5,000.00
4. Contractual services	2025		\$0.00	\$0.00
5. Travel	2025		\$7,360.00	\$7,360.00
6. Transfers and Grants to Counterparts	2025		\$52,040.00	\$52,040.00
7. General Operating and other Direct Costs	2025		\$6,190.00	\$6,190.00
<b>Project Costs Sub Total</b>			<b>\$248,639.97</b>	<b>\$248,639.97</b>
8. Indirect Support Costs			\$17,404.80	\$17,404.80
<b>Total</b>			<b>\$266,044.77</b>	<b>\$266,044.77</b>

## Budget by UNSDG Categories: 2026

Budget Lines	Fiscal Year *	Description	Build Change (7%) *	Total
1. Staff and other personnel	2026		\$117,161.76	\$117,161.76



Budget Lines	Fiscal Year *	Description	Build Change (7%) *	Total
2. Supplies, Commodities, Materials	2026		\$0.00	\$0.00
3. Equipment, Vehicles, and Furniture, incl. Depreciation	2026		\$500.00	\$500.00
4. Contractual services	2026		\$0.00	\$0.00
5. Travel	2026		\$12,920.00	\$12,920.00
6. Transfers and Grants to Counterparts	2026		\$38,317.50	\$38,317.50
7. General Operating and other Direct Costs	2026		\$1,642.50	\$1,642.50
<b>Project Costs Sub Total</b>			<b>\$170,541.76</b>	<b>\$170,541.76</b>
8. Indirect Support Costs			\$11,937.92	\$11,937.92
<b>Total</b>			<b>\$182,479.68</b>	<b>\$182,479.68</b>

## Performance-based Tranches Breakdown

Tranche		Total
Tranche 1	Build Change (20%) \$99,972.31	\$99,972.31
Tranche 2	Build Change (50%) \$249,930.77	\$249,930.77
Tranche 3	Build Change (30%) \$149,958.46	\$149,958.46
		<b>\$499,861.54</b>

## Results based budget

Outcome *	Output *	Activity *	Agency *	Budget (USD) *
IRAF OUTCOME 3 - Countries have increased access to knowledge and resources to increase the resilience and inclusivity of their existing and future critical infrastructure systems by 2030			<b>Sub Total</b>	<b>\$32,914.90</b>
	Output 3.1 SIDS are better equipped with knowledge and resources to increase the resilience and inclusivity of their critical infrastructure systems		<b>Sub Total</b>	<b>\$32,914.90</b>
		Activity 9: Sharing outputs with other SIDS.	Build Change (7%)	\$32,914.90
IRIS result 1: Risk informed and inclusive SIDS infrastructure			<b>Sub Total</b>	<b>\$317,334.01</b>
	IRIS Output 1: Improved data availability to inform the design, planning and implementation of resilient infrastructure in SIDS		<b>Sub Total</b>	<b>\$196,144.32</b>
		Activity 1: Compilation & Assessment of existing data on Dominica's housing stock.	Build Change (7%)	\$40,487.20
		Activity 2: Conception & design of a survey.	Build Change (7%)	\$45,167.48
		Activity 3: Field surveying.	Build Change (7%)	\$81,314.62
		Activity 4: Survey results analysis.	Build Change (7%)	\$29,175.02
	IRIS Output 2: Enhanced policies, plans and standards to guide the design, planning and implementation of resilient infrastructure in SIDS		<b>Sub Total</b>	<b>\$121,189.69</b>
		Activity 7: Program design for strengthening of existing houses.	Build Change (7%)	\$121,189.69
IRIS result 2: Strengthened knowledge and partnerships to produce locally relevant solutions for infrastructure resilience and inclusivity			<b>Sub Total</b>	<b>\$68,787.59</b>
	IRIS Output 1: Locally relevant solutions for resilient and inclusive SIDS infrastructure system produced and disseminated Indicator: Number of knowledge products and services		<b>Sub Total</b>	<b>\$40,412.51</b>

		Activity 5: Dissemination of Survey Results	Build Change (7%)	\$40,412.51
	IRIS Output 2: Networks established or strengthened to generate and disseminate locally relevant solutions for resilient and inclusive infrastructure in SIDS between public and private sector stakeholders Indicator: Number of networking events		<b>Sub Total</b>	<b>\$28,375.08</b>
		Activity 8: Training of CREAD personnel	Build Change (7%)	\$28,375.08
IRIS result 3: Enhanced access to technical expertise and know-how for capacity strengthening of institutions, academia and practitioners			<b>Sub Total</b>	<b>\$80,825.03</b>
	IRIS Output 1: Mechanisms established to create a marketplace of experts in disaster and climate resilient infrastructure systems Indicator: Number of experts deployed to support institution and people skill development		<b>Sub Total</b>	<b>\$80,825.03</b>
		Activity 6: Development of Guidance Manuals.	Build Change (7%)	\$80,825.03
<b>Total</b>				<b>\$499,861.53</b>

## Programme Outcome Costs

Outcome	Output	Activity	Implementing Agent	Time Frame									
				2024				2025				2026	
				1	2	3	4	1	2	3	4	1	
IRAF OUTCOME 3 - Countries have increased access to knowledge and resources to increase the resilience and inclusivity of their existing and future critical infrastructure systems by 2030													
	Output 3.1 SIDS are better equipped with knowledge and resources to increase the resilience and inclusivity of their critical infrastructure systems												
		Activity 9: Sharing outputs with other SIDS.											
			Build Change	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
IRIS result 1: Risk informed and inclusive SIDS infrastructure													
	IRIS Output 1: Improved data availability to inform the design, planning and implementation of resilient infrastructure in SIDS												
		Activity 1: Compilation & Assessment of existing data on Dominica’s housing stock.											
			Build Change	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		Activity 2: Conception & design of a survey.											
			Build Change	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		Activity 3: Field surveying.											
			Build Change	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		Activity 4: Survey results analysis.											
			Build Change	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	IRIS Output 2: Enhanced policies, plans and standards to guide the design, planning and implementation of resilient infrastructure in SIDS												
		Activity 7: Program design for strengthening of existing houses.											
			Build Change	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
IRIS result 2: Strengthened knowledge and partnerships to produce locally relevant solutions for infrastructure resilience and inclusivity													
	IRIS Output 1: Locally relevant solutions for resilient and inclusive SIDS infrastructure system produced and disseminated Indicator: Number of knowledge products and services												
		Activity 5: Dissemination of Survey Results											
			Build Change	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	IRIS Output 2: Networks established or strengthened to generate and disseminate locally relevant solutions for resilient and inclusive infrastructure in SIDS between public and private sector stakeholders Indicator: Number of networking events												
		Activity 8: Training of CREAD personnel											
			Build Change	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
IRIS result 3: Enhanced access to technical expertise and know-how for capacity strengthening of institutions, academia and practitioners													
	IRIS Output 1: Mechanisms established to create a marketplace of experts in disaster and climate resilient infrastructure systems Indicator: Number of experts deployed to support institution and people skill development												
		Activity 6: Development of Guidance Manuals.											
			Build Change	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

