

Promoting Climate and Disaster Resilient Health Infrastructure in Honduras



Location

Potrerillos, Pimienta, and Villanueva



Period

2025 - 2027



Funding

\$664,545



Beneficiaries

50,000

Implementing Partner



Local Partner

Honduran Red Cross

Nodal Government Agency



• Pimienta Municipality

About Urban Infrastructure Resilience Programme (UIRP)

With cities generating 80 percent of global Gross Domestic Product and rapid urbanization expected to bring 70 percent of the world's population into urban areas by 2050, the need for resilient infrastructure has never been more critical. Extreme climatic events increasingly threaten urban systems, making proactive adaptation essential. CDRI's UIRP helps member countries integrate disaster and climate resilience into infrastructure planning, operation and maintenance, augmenting investments, ensuring sustainable and resilient urban growth.

Context and Background

- Events like hurricanes Eta and Iota displaced nearly 90,000 people, highlighting the urgent need to strengthen infrastructure resilience in these vulnerable urban areas.
- Primary healthcare facilities are highly exposed due to limited investment in upgrades, maintenance, and climate risk assessments. The project will address key challenges—lack of data, limited technical capacity, and low prioritization of climate resilience—by equipping local governments with tools, knowledge, and strategies to protect essential services.
- By integrating data-driven risk assessments, resilient design standards, and passive adaptation measures into health infrastructure, the project will enhance local capacity, support evidence-based planning, and create replicable models for climate-resilient healthcare in Honduras and other similar urban settings.

Objective and Outputs

- Conduct a comprehensive vulnerability assessment of primary healthcare infrastructure in Villanueva, Potrerillos, and Pimienta to identify climate and disaster risks and inform evidence-based resilience planning.
- Create a digital technical assistance platform to guide municipalities and health authorities in climate- and disaster-resilient design, operation, and maintenance of primary healthcare facilities.
- Implement a targeted campaign to raise awareness and build local, national, and regional capacities for resilient healthcare infrastructure planning and implementation.
- Support the development of safer, healthier, and more inclusive primary healthcare facilities in the Sula Valley Metropolitan Area, aligned with national goals for infrastructure resilience and public health.

Impact

- 50,000 vulnerable individuals—including women, the elderly, children, and persons with disabilities—will directly benefit from resilient and uninterrupted primary healthcare services across three municipalities in the Sula Valley.
- Approximately 30 local officials will gain technical skills in using digital tools for resilient infrastructure planning, while 10,000 community members, including women, will be more aware of climate-resilient healthcare systems.
- With \$600,000 allocated to retrofit 24 primary healthcare facilities, the project is expected to generate annual savings of \$25,000 in operational and maintenance costs, supporting long-term infrastructure sustainability.



Follow CDRI

 cdri.world  [@cdri_world](https://twitter.com/cdri_world)  [/company/coalition-for-disaster-resilient-infrastructure/](https://www.linkedin.com/company/coalition-for-disaster-resilient-infrastructure/)

Contact Details

urban@cdri.world