

Celebrating success

El Salvador

UN Decade of Action for Road Safety
Case Study 6



US\$101.6 million Coastal Highway Expansion Project is ensuring safer design, particularly for vulnerable road users.

The Millennium Challenge Corporation (MCC) is working in partnership with the Government of El Salvador to deliver the US\$101.6 million Coastal Highway Expansion Project. The work is part of MCC's \$365.2 million El Salvador Investment Compact with the Government of El Salvador. As part of the project, the MCC is implementing road safety capacity building and Star Rating targets for the project building on similar success in the Philippines and Moldova.

The Coastal Highway Expansion Activity sought to relieve congestion at the most-trafficked segment of El Salvador's coastal highway (CA-2). The CA-2 is one of the two most important logistical corridors in the country and connects El Salvador's major logistical nodes, including its two sea ports and the country's only international airport. The object of the project was to duplicate 24km of the road between Zacatecoluca and the Comalapa Highway and rehabilitate and improve 3km of the two lane segment between the Comalapa Highway and the intersection to La Libertad. iRAP star rated the project's detailed design drawings, proposed modifications to the design that would improve safety for road users, then worked closely with the road authority and designers to improve the safety of subsequent iterations of the design.

Key achievements

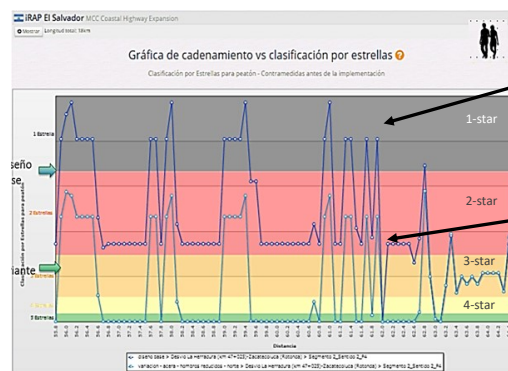
- The project resulted in a safer road design, particularly for vulnerable road users, lifting the original design from a largely 1-2 star rating, to a 2-5 star rating. It also led to a better understanding within the road authority of road safety design principles.

Saving lives into the future

- The improved design will lead to a safer road that will save lives and reduce serious injuries for years to come.

For more information

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Original design risk assessed at largely 1-2 star rating

New post-iRAP design risk lifted to 2-5 star rating

TIMELINE FOR SUCCESS

- 2011 MCC use of Star Rating for projects in Moldova
- 2014 MCC use of Star Rating for projects in the Philippines
- 2015 Star Rating and Investment Plan assessment of existing roads. Improved design scenarios developed with Ministry staff and local consultants to improve the Star Rating.
- 2016 Final designs and construction commenced
- 2017 Star Rating of Designs extended to additional road corridors
- 2017 Road upgrades



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