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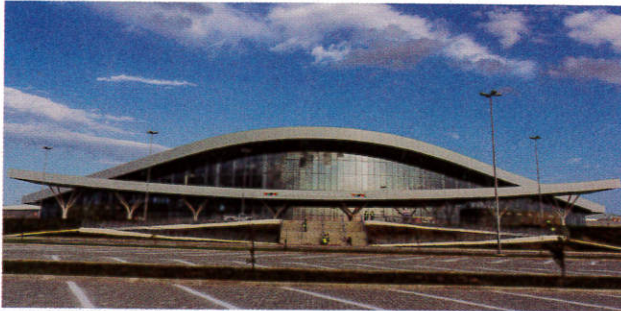
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**PROJECT OF  
THE YEAR**  
Thames Water  
Lee Tunnel,  
London

## GLOBAL BEST PROJECTS AWARDS 2016

## AIRPORT/PORT

Submitted by Odebrecht Engineering & Construction International



## Nacala International Airport

Nacala, Mozambique

**AWARD OF MERIT**

**OWNER** ADM (Aeroportos de Moçambique EP)

**CONTRACTOR** Odebrecht Engineering & Construction International

**LEAD DESIGNER** Figueiredo Ferraz Consultoria e Engenharia de Projeto SA

**STRUCTURAL, CIVIL AND MEP ENGINEER** Figueiredo Ferraz Consultoria e Engenharia de Projeto SA

Located in Northern Mozambique, the city of Nacala has become a hub for importing and exporting goods, making an adequate airport vital to the city. The new Nacala International Airport, the first greenfield airport to be built in the country since its independence in 1975, was built to fill this need.

The project features a 15,000-sq-meter passenger terminal able to hold 500,000 passengers per year and a cargo terminal that can handle 5,000 tons per year. Additional features include a 30-m-high air traffic control tower and all infrastructure necessary for electrical power, water, sewage and drainage, access roads and parking lots. The air side includes a new 3,100-m-long runway.

"Mozambique, as a developing country, has not enough skilled labor or service providers for most specialties required to build an airport," says Jorge Manuel da Rocha Maltezinho, engineering manager at Odebrecht Engineering & Construction International, the project's EPC contractor. "This required the development of partnerships with specialized subcontractors from multiple origins, mainly from Brazil, Portugal, South Africa and Spain, as well as a comprehensive training program for the development of local labor."

The construction team included workers from seven different nationalities. The airport is Mozambique's second largest in passenger-handling capacity and its first to be internationally certified and licensed by the International Civil Aviation Organization.

**AIRPORT/PORT** | Submitted by Stantec Architecture Inc.

## Otay-Tijuana Cross-Border Xpress

San Diego

**AWARD OF MERIT**

**OWNER** Otay Tijuana Ventures LLC

**CONTRACTOR** Turner Construction Co.

**LEAD DESIGNER** Stantec Architecture Inc.

**ASSOCIATE ARCHITECT** Legorreta y Legorreta

**STRUCTURAL ENGINEER** Hope Amundson Structural Engineers; Kleinfelder (bridge)

**CIVIL ENGINEER** Latitude 33 Planning and Engineering

**MEP ENGINEER** Stantec Consulting Services Inc.

**CONSTRUCTION MANAGER** The Harrison Co.

This privately financed 390-ft-long pedestrian skybridge straddles the border of the U.S. and Mexico. The first of its kind in the world, the bridge provides an easier border crossing for millions of travelers using Mexico's Tijuana International Airport.

The U.S. Customs and Border Protection, the building occupant, says the project team "has not only engineered a physical bridge. They have designed a connection across cultures."

The project required intense international collaboration. Design staff and construction crews in the U.S. and Mexico worked with their cross-border counterparts. Efforts included hoisting large sections of the bridge structure into place over a six-lane federal highway in Mexico and working around the international border fence.

One Global Best Projects judge said, "Against a complex political and commercial structure, the vision to embark on a project such as this and turn it into reality is first-rate."

