

The Portier Cove Seaward Extension Project in Monaco

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Abstract

The new seaward extension project of Monaco ("Portier Cove") is a major maritime civil works project that will create a new urban area of 6 hectares, increasing by 3% the total area of Monaco.

This paper describes the main characteristics of the maritime and civil works that have started end of 2016 and will be handed over in 2020. It focuses also on the environmental measures that have been put in place and that will serve as new standards for future marine works around the world.

Keywords: marine concrete structure, caisson, environmental measures.

1 A private project for the future of Monaco

For more than 150 years, the development of Monaco is the consequence of successive territory extensions. Today, almost 20% of the size of this 2 square kilometers state has been reclaimed from the sea.

Reigning Prince Albert II is perpetuating the tradition by fully integrating environmental constraints in new developments.

The offshore urban extension launched in 2013 by the Principality will create a new district of 6 hectares, located near the Portier Cove, between 2 protected marine areas, Spelugues and Larvotto. Public facilities, 160-parking spaces, a 10 000 square meters extension of the Congress Center Grimaldi Forum, a lively harbor, a public landscaped park will be built on the extension as well as 60 000 square meters of luxurious villas and apartments, whose commercialization will finance the project (Fig.1).



Figure 1. The Portier Cove extension project

Following the bid launched in 2013, won by the consortium SAM L'Anse du Portier / Bouygues TP, the concession agreement was signed in July 2015. It lays down technical, environmental and organizational performances. The agreement delegates the project ownership to the private company L'Anse Du Portier that finances, designs and builds the entire project that requires a total investment of more than 2 Billions euros.

The master plan of the new district has been designed by a group of renowned architects :