



**Country**

Spain (Canary Islands)

**Client**

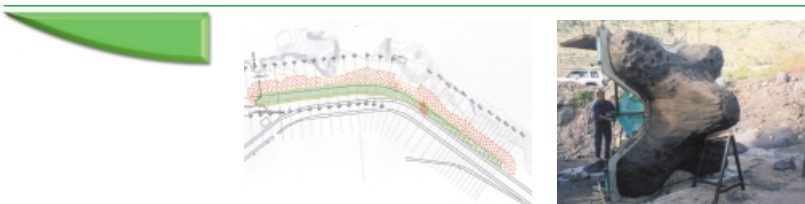
Satocan S.A.

**Date**

2000-2001

**Sogreah's services**

- ▶ Licence to use the ACCROPODE® technique
- ▶ Licence to use the ECOPODE® technique
- ▶ Technical assistance during block casting and placing



**Background**

The project involves constructing a protective structure along the coast road near the village of Garachico in the north-western part of the island of Tenerife. The 300 m long structure is protected by a facing of 18 m<sup>3</sup> ACCROPODE® blocks and 5.7 m<sup>3</sup> ECOPODE® blocks on the upper berm. This project was the first time the ECOPODE® technique had been used, as the client laid great emphasis on reducing the visual impact of this coastal protection structure on the surrounding environment.

**Sogreah's role (ACCROPODE®)**

Sogreah provided technical assistance to the contractor during the works, including the following:

- ◆ Provision of technical information required for the successful completion of the structure.
- ◆ Technical assistance on site with casting and placing the ACCROPODE® blocks. This involved 8 site visits.
- ◆ Supply of positioning drawings for the ACCROPODE® armour.

**Sogreah's role (ECOPODE®)**

Sogreah provided the contractor with 8 ECOPODE® forms required for casting the blocks, as well as specific technical assistance in implementing this new technique.

**Key figures**

- ◆ 5.7 m<sup>3</sup> ECOPODE® blocks  
Number of units placed: 641  
Volume of concrete: 3653.7 m<sup>3</sup>
- ◆ 18 m<sup>3</sup> ACCROPODE® blocks  
Number of units placed: 399  
Volume of concrete: 7182 m<sup>3</sup>
- ◆ Total  
Number of units placed: 1040  
Volume of concrete: 10835.7 m<sup>3</sup>