



New coastal highway route, Reunion Island, France



Description

On La Réunion Island a new coastal road proceeds between Saint Denis and La Possession for a distance of 12km.

Part of this route required the construction of a 5'400m long concrete viaduct built on the ocean floor 10m below sea level.

49 bridge decks of 80 to 120m length are supported by 48 towers.

For the launching of the pre-fabricated tower elements from shore to the barges Hebetec designed and installed an automatized system.

Launching of loads took place on air cushions, APS (Air Pad Sliding).

Facts

Heaviest Modul:	4'800 t
Prefabricated pillars:	48 pcs
Total modules:	146 pcs
Moved loads:	400'000 t
Lenght viaduct:	5'400 m
Constuction time:	3years

Handling equipment

APS 250:	72 pcs
PPU-120:	6 pcs
PA-4-33:	6 pcs
Sliding beams 11'700 / 5'200	12 pcs
Skidways light:	1'000 m

