FEATURE OF TECH	INICAL SERVICE	TOURIST CENTER MARINAGRI POLICORO - Design issues and their reso
Subject	Preliminary and Executive Design of the maritime, geotechnical and infrastructural works (consolidations, roads, bridges) of the «Integrated Marinagri-Policoro Ecological Tourist Center» (Province of Matera)	The Marinagri tourist center is located south of the outlet of the Agri river, on the Ionian coar area of the tourist complex is organized in different sectors with specific destination (nat port). The project involves the construction of an internal navigable basin and lagoons, accu- islands and peninsulas connected by bridges and streets, residential and commercial structu- services and 1000 residential units). In support of the design, an accurate geological and geo stratigraphic characterization of the land on site, verifying its bearing capacity and susc The major design issues were encountered in the design of: maritime works, costal protect sewerage distribution networks . In detail, the basin of the inner port is obtained by excar
Carried out by	SGAI S.r.l. di E. Forlani & C.	
Client	ETM Marinagri S.p.a.	
Service length	2000 - 2007	
Value of works	€ 137'196'122,00	continuous bulkheads, made with sheet piles of prefabricated elements in centrifuged reir connected and sealed together. To ensure the stability of the bulkheads, a top beam has been
Categories value	V.02€ 7'916'320,00D.01€ 5'393'843,00S.05€ 8'204'000,00	islands are connected to each other thanks to 15 statically independent bridges of similar constraints with cross section made with beams in c.a.p. and collaborating slab 20cm thick, with an overlight. The viaducts are completed by prefabricated panels covered in natural stone.
Marina Village 1 Anfiteatro 2 Eliporto 3 Cantiere Nautico 3 Porto Turistio 3 Shopping Way 8 Bar & Ristorante 4 Hotel 10 Parchegi		Schema TIPOLOGIO 2 PER PONTILE H=4.50 SZIONE TRASVERSALE TIPO











MARINA VILLAGE

9 6 1 1

rva di Golf 19 Area Golenal 20 Orto Botanico

LAGOON VILLAGE

Aerial view of infrastructure during the construction works

2 5

MARINE RESERV

ACCESS TO INTERNAL PORT

AREA





olution

coast of Basilicata, occupying an area of 350 hectares. The naturalistic-environmental, residential, hotel-commercial and ccessible from the nearest tourist port, in which to build, on ctures (restaurants, shops, shipyard, service facilities, sports geotechnical campaign was carried out aimed at the lithousceptibility to liquefaction.

tections, roads, bridges, special consolidations, water and xcavating the ground in place while the piers are formed by einforced concrete, fixed by beating in the ground, suitably een built to contain the tie rods anchoring heads. The various construction characteristics. The deck is with isostatic girder overall height ranging from 60-70cm depending on the deck