



STABIPLAGE®

# THE STABIPLAGE® letter

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## The safeguard of river banks and beaches

### VIETNAM selected STABIPLAGE® to save its littoral.

In the search of a durable and ecological solution to fight against the erosion of the beach of Loc An - province of Baria Vung Tau in the South of Vietnam - and to avoid the destruction of the lagoon associated, the Professor CONG, Director department of Sciences and Technology of the Province, appealed with the services of ESPACE PUR in beginning of the year 2004.

A feasibility study was carried in-situ in June 2004 by Sirs Jean CORNIC, Technical Director and Inventor of the STABIPLAGE®, and Fabrice CAROL, in charge of Studies and specialist in Sedimentology Navy.

In front of the risk of immersion (already product in the past) and of destruction of this zone ecologically

fragile and then the setting in danger of the dwellings and the touristic complex adjacent, the Department of Sciences and Technology of the Province of Baria Vung Tau and ESPACE PUR have decided to implement a project pilot of treatment of navy erosion by STABIPLAGE® technique

In front of the stakes and objectives, ESPACE PUR recommended the implementation of 8 STABIPLAGE® set up perpendicular to the coastline (sediment catchers).

Works, manufactured in Brittany by the specialized technicians of ESPACE PUR, were transported by maritime way to Vietnam. In its projects, the company privileges collaborations. Thus, on the spot, technicians worked with local



*Sight sandy language, strongly eroded, which separates the lagoon from the sea. Vue*

companies for the phase of realization.

A scientific follow-up of the project is envisaged over 13 month; pictures and results soon available!



### The Center of Maritime And River Technical Studies and the University of Brittany Occidentale en the scientific follow-up of the STABIPLAGE® site of Plobannaec.

The CETMEF and the UBO finalize the morpho-sedimentary follow-up of the site of Plobannaec-Lesconil-Loctudy (Finistere) equipped with 5 STABIPLAGE® (35 meters long) and established perpendicular to the feature of coast (sediment catchers).

The follow-up, spread out January at June 05, should allow to characterize and quantify the impact of the works, in particular through digital models of ground soon available.

### STABIPLAGE® protects and makes safe the dunes of Sarzeau (Morbihan) and Guilvinec (Finistere).

In foot of the marine slope of the dune cords of Guilvinec and Sarzeau have respectively established (Winter 2004) a STABIPLAGE® of 145 m and of 300 m (photo cf opposite). These works play the part of an artificial "core" which raises and makes safe the dune - as well as the zones located behind - in front of the risks of rupture and immersion-flood. Moreover, the properties of the work support the development of the vegetation and do not generate hydro-sedimentary disturbances: no effects of on/uplift, or reflexion of the swell creating of the undermining and the departures of sediments with right of the work. The work is stable, the serene beach and its dune!!

*Protection and setting in safety of the dune cord of Beg Lann (Sarzeau) by a STABIPLAGE® of 300m. The progressive covering of the work is natural.*



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