The change in the present conditions and the end of the United States embargo to Cuba is expected that is going to produce a big deal transformation in the whole production system. Cuba as an Island is bound to use the sea as the main way of transportation. That means that a huge increase in the use of the coastal waters as well as in the lands that will be occupied by the new ports facilities. This paper will deal with a modelization of the future development of the maritime transport and the effect that it will cause to the population and the environment. Different scenarios are going to be considered and an assessment of the affection of each one is going to be analyzed. The aim is to balance a legitimate future development that the population deserves with the preservation of the enormous value of the Cuban natural maritime assets.