



## Progress of mangrove planting

Mangrove planting inaugurated in 16<sup>th</sup> September 2014 with 3 different methodologies. These approached is to have a complete research on planting system on coastal habitat. 2 mangrove's species were selected for the said project which are the rhizophora apiculata and rhizophora mucronata. 2 sites of planting has been practiced with both species with a different soil's structures. It has given a significant indication on the species that suitable for each site.

- First method were carried out in September 2014 by planting seeds collected directly to the site. The result of this practice was very discouraging and mortality rate is 0%. Therefore mangrove nurseries were established.
- Second method were carried out in June 2015 after seedling reached more than 1 meters tall which is about 6 months of propagation in the nurseries. The results of this practice given us a confidence that this project is plausible with 30% mortality rate. Therefore cluster's boxes planting has been initiated in November.
- Third method will be implemented sometimes in December after saplings has rooting properly in the boxes.

### Images of saplings growing with second methodology application



○ Mangrove shoots





GAYA ISLAND RESORT  
YTL HOTELS

## Progress of mangrove planting Mangrove Shoots Images



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