

## Conclusions

- Known oil degrading bacterial genera were identified in the water collected from the Port of Leixões after an enrichment with crude oil, turbine oil and diesel oil. Alcanivorax, Pseudomonas and Thalassospira were common between the three oil enrichments.
- The bacterial strains belonging to the species Pseudomonas marincola, collected after the three enrichment, showed higher potential to degrade diesel oil and preferred peptone as sole carbon source, alternative to hydrocarbons.
- √ BTO22 and BDO24 were the most promising oil degrading strains in this study, and they might be good candidate for future application as a bioremediation product in spills of diesel and turbine oil.

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