

Effectiveness study of scrap material used for nursery racks at Coral Transplantation program in Makakata beach - South Batui , Banggai Regency - Central Sulawesi

Mohammad Syakir ^{1*}, Arthur Ronald Samuel ¹, Yudi Haryono ¹, Samsu Adi Rahman ²

(1) JOB Pertamina Medco E&P Tomori Sulawesi, Banggai Regency – Central Sulawesi

(2) University of Muhammadiyah Luwuk, Banggai Regency – Central Sulawesi



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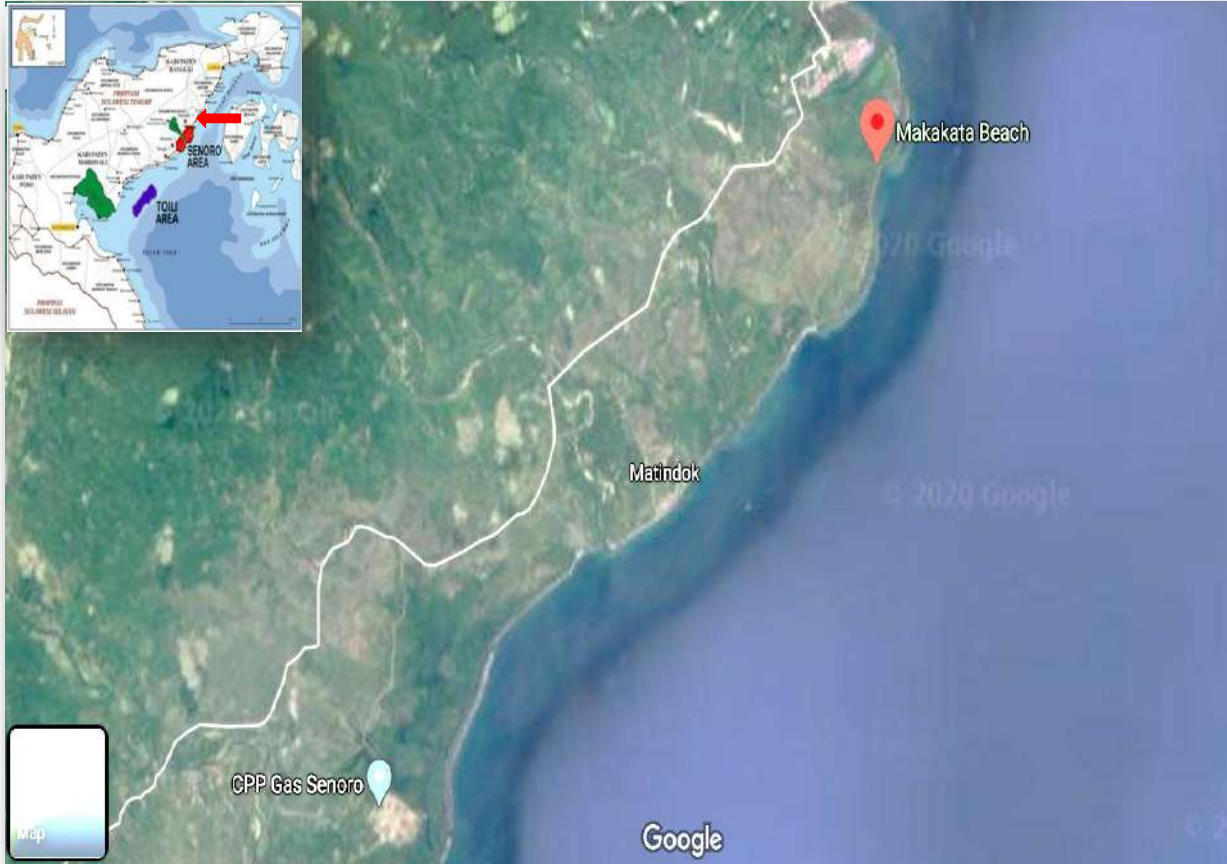
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INTRODUCTION

- ❑ **JOB Tomori is one of the Contractors for the Cooperation of the Upstream Oil and Gas Special task force Unit (KKKS SKK MIGAS) started operating since 2004**
- ❑ **Coral transplantation program has been running since 2010 and up to now there have been 6 phases of the coral transplantation program**
- ❑ **Challenge from the top management to evaluate the effectiveness of the program**
- ❑ **The Makakata Coral Transplantation Program is an alternative program initiated to try to address the concerns and existing problems**

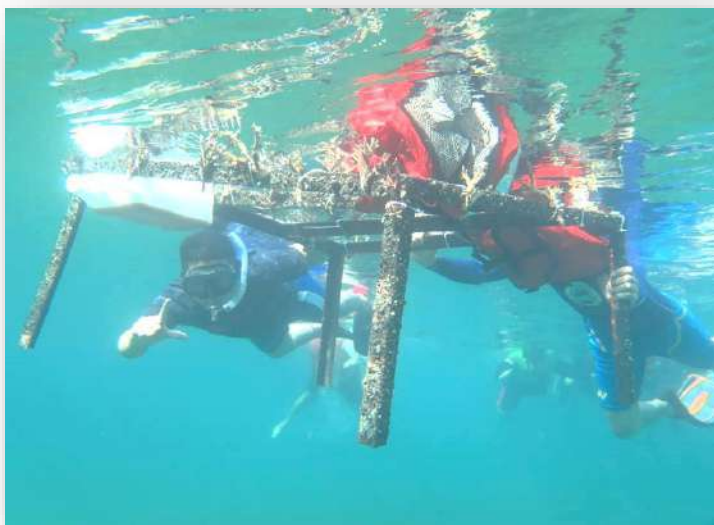


METHODS

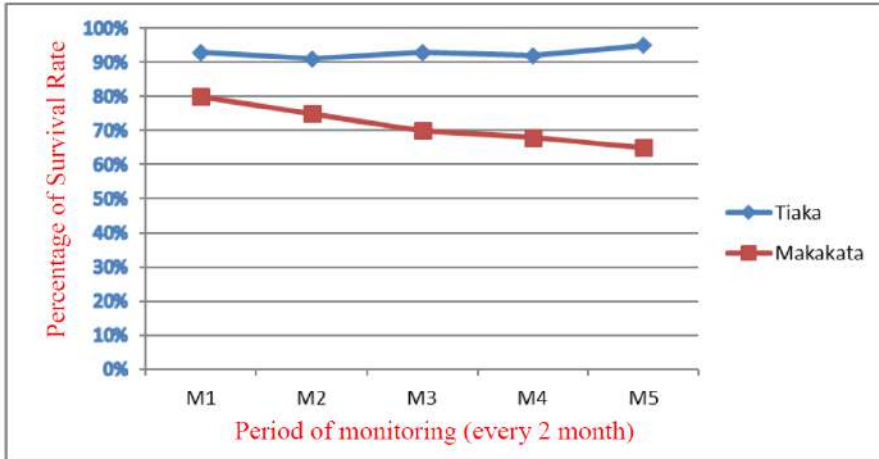


- ❑ Program was conducted from Desember 2018 to September 2019 at Makakata beach – Banggai regency
- ❑ Nursery racks made from scraps material from remain of production and construction activities
- ❑ The effectiveness of the rack was analyzed by looking at (1) the coral seedlings survival rate and (2) the cost effectiveness
- ❑ Monitoring and evaluation

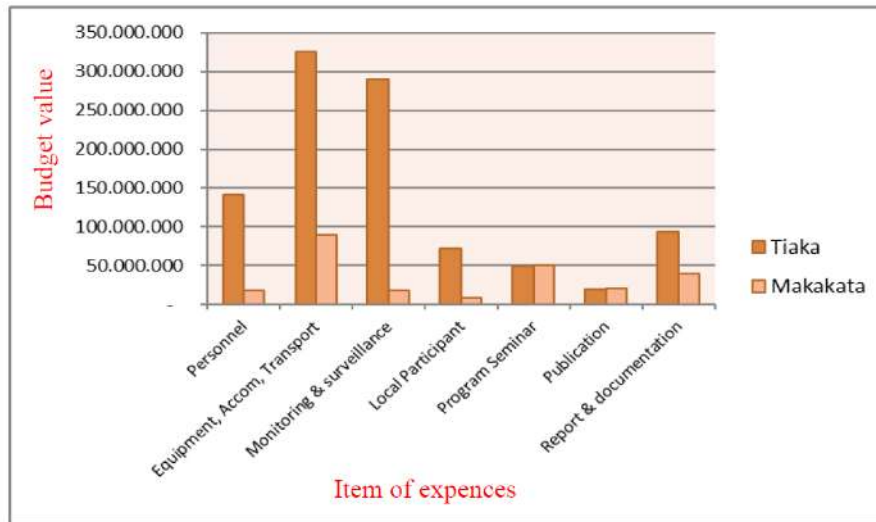
Field activities



Results and Discussion



- ❑ The Survival Rate of Makakata program is about 65% while in Tiaka Program reach up to 95% (30% lower)
- ❑ Makakata Program has lower cost compared to Tiaka Program (75% lower)
- ❑ Base on interview with local government and the community, they put more hope for the development of Makakata beach as local tourism destination



Conclusion and Recommendation

- ❑ Coral transplantation program at Makakata beach has a lower Survival Rate but in term of cost effectiveness it can save budget up to 75% compared to program at Tiaka Field.
- ❑ To increase the survival rate of Makakata program, experts can be invited to assist the program and can conduct the training program.
- ❑ By collaboration between local government, communities and the companies, Makakata beach can be developed for become Eco and Education tourism destination program.





Thank you
Terima kasih



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