

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

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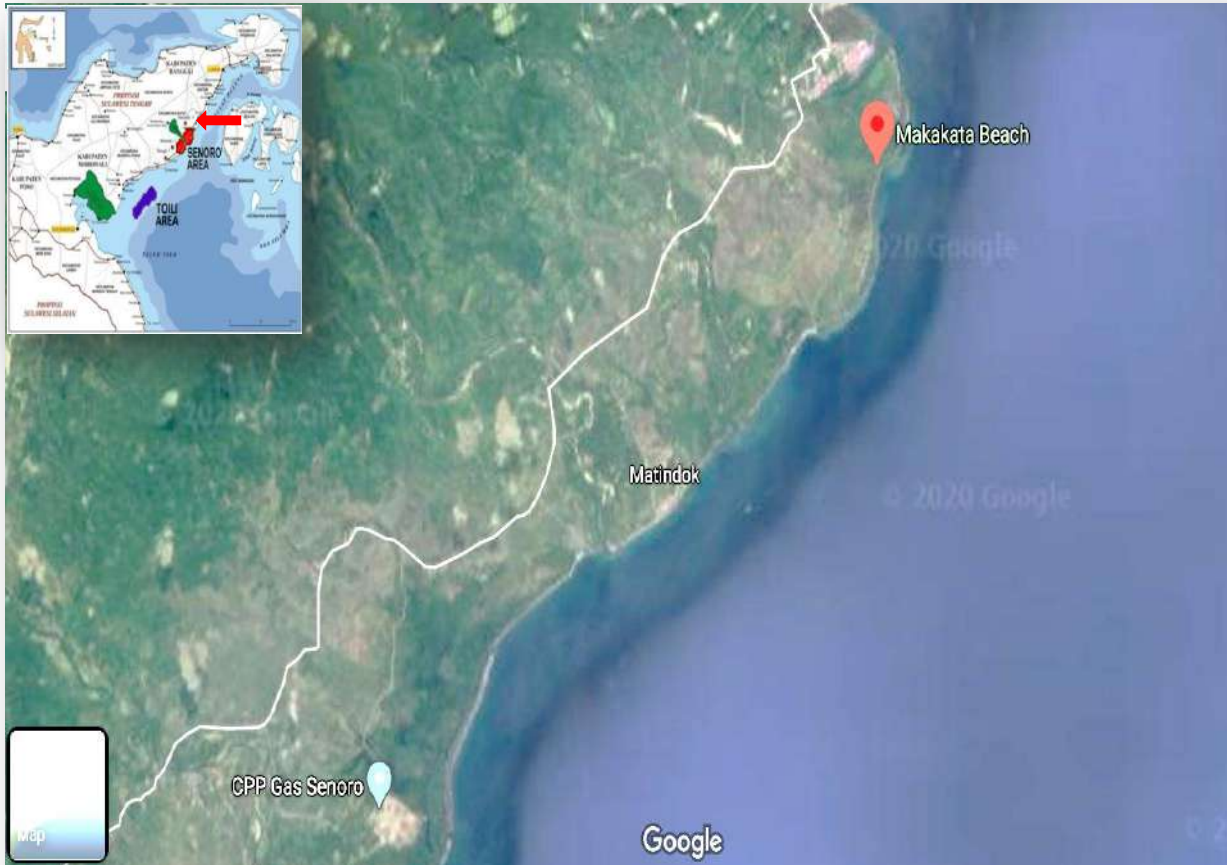


# INTRODUCTION

- ❑ **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



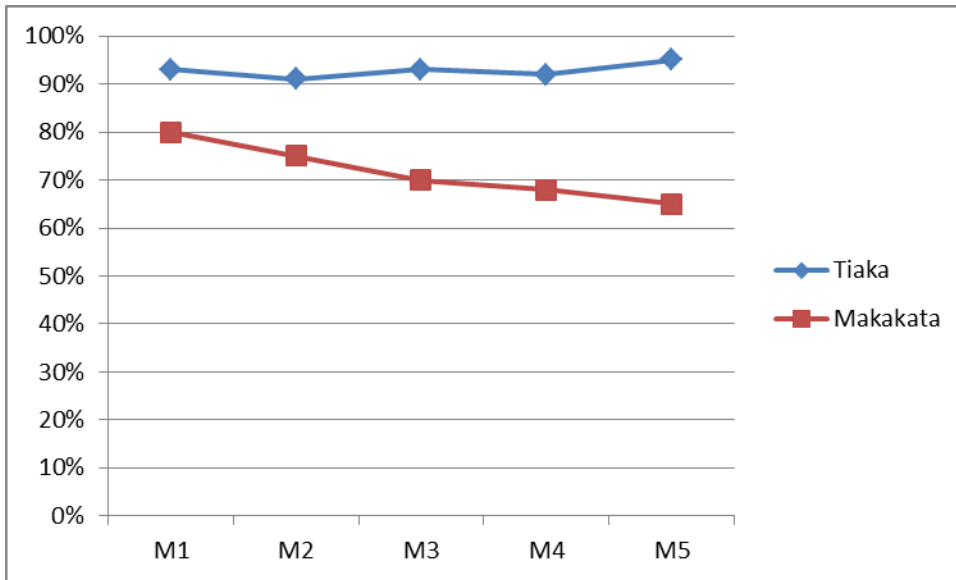
- ❑ Program was conducted from Desember 2018 to September 2019 at Makakata beach – Banggai regency
- ❑ Nursery racks made from scraps material from remain of production and construction activities
- ❑ The effectiveness of the rack was analyzed by looking at (1) the coral seedlings survival rate and (2)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



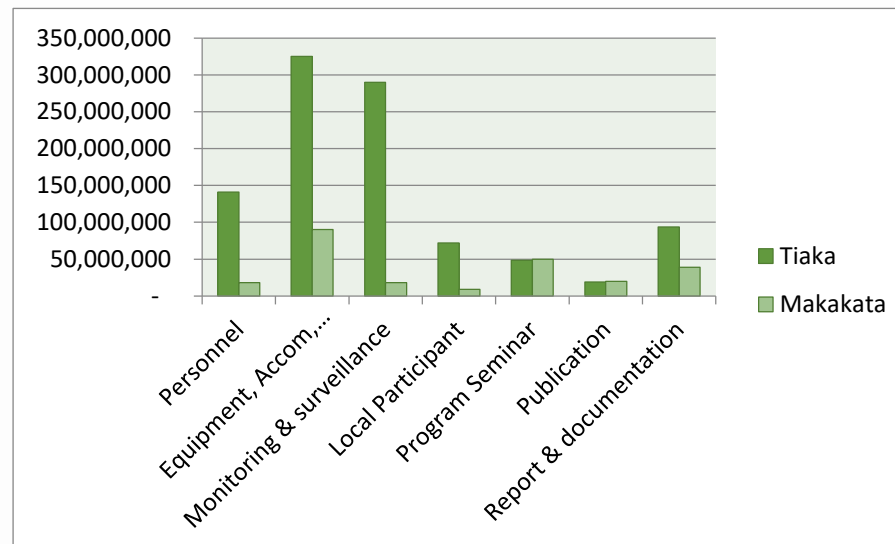
# Field activities



# Results and Discussion



- ❑ **The Survival Rate of Makakata program is about 65% while in Tiaka Program reach 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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