



THE UNIVERSITY OF
SYDNEY

Mapping of Mineral Resources on the sea floors using AI-powered visualization

By: Team 33

Who we are



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M A R K E T R E S E A R C H

- Aim
- Gaps in the Market
- Competitive Rivalry

O U R O B J E C T I V E S



Cost-efficient and innovative Machine learning algorithm to detect deep-sea resources.



Algorithm provides accurate interpretive maps of natural resource-filled regions in sea-beds.



3-D visualization of the natural resource deposits to aid project planning of natural resource collection.





D E L I V E R A B L E S

Refined Data	Requires data cleaning and refinement
Algorithm of the software	Development, evaluation, refinement and finalization of algorithm
Complete software: Includes software prototype and software reports	Development, training, testing, rectification and refinement of software
Complete hardware	Procurement, testing and refinement of hardware
Hardware Integrated with the software	Integration and testing of hardware and software
Test plan, test suite and test results report	Development of test cases and test schedule; completion of all tests
Product report	Trial run, product fine tuning, completion of all tests and finalization of product
Marketing and product deployment plan and report	Execution of marketing and product deployment in the market

Future Scope

- The International Seabed Authority has only issued 27 contracts for about 1.4 million km^2 area.
- OECD has estimated mineral demand to grow 5.1% per year to 250% from 2005 to 2030

5.1%

250%



FINANCES

AU \$4,000,000



What we need from you!

- 4 Million Australian Dollars
- Your INFLUENCE



THANK

YOU