



ROBOCIK

w sercu technologii

AUV

Intervention Autonomous Underwater Vehicle

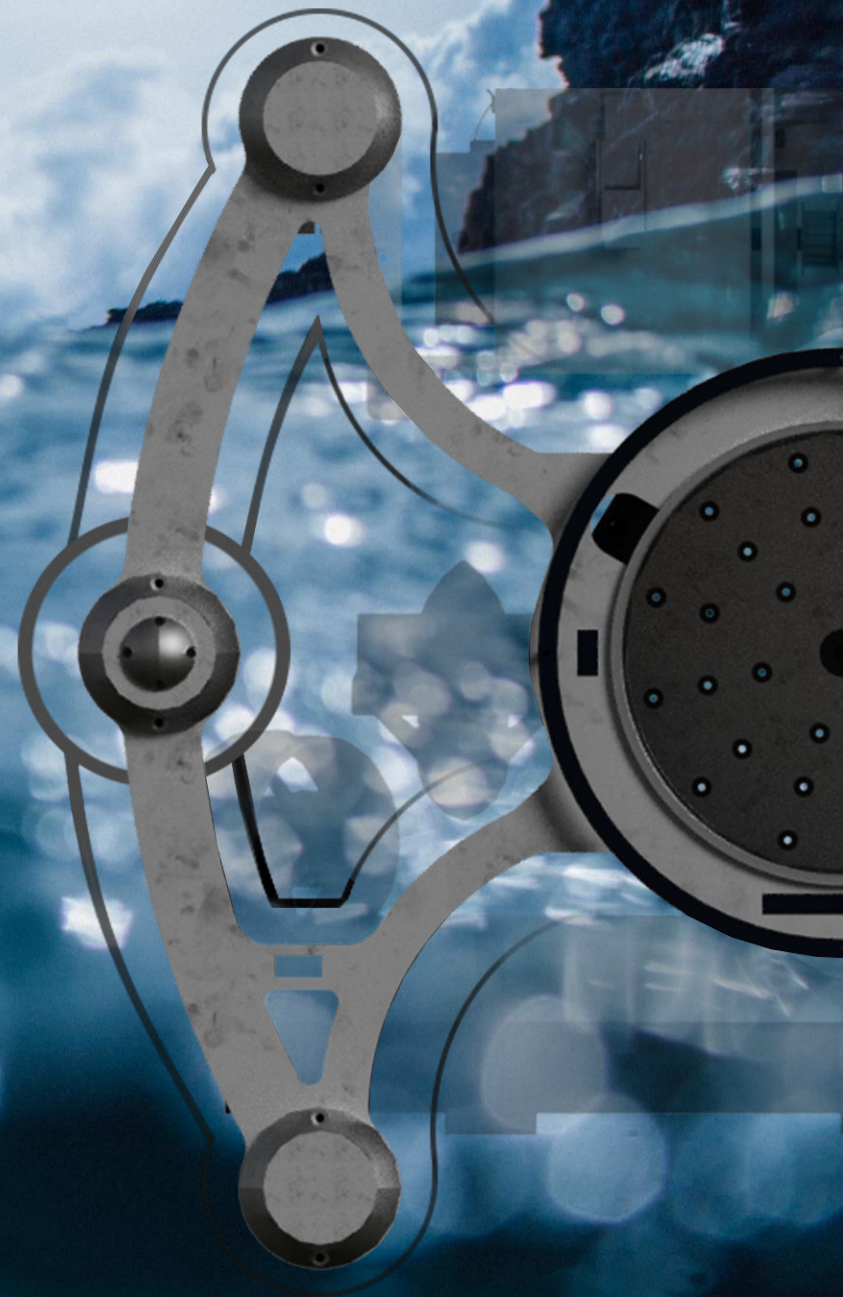
- unmanned vehicle
- software based on artificial intelligence algorithms and module for image recognition
- modularity of the vehicle - possibility to attach 3-DOF manipulator arm
- for localising, collecting data, making tasks under water



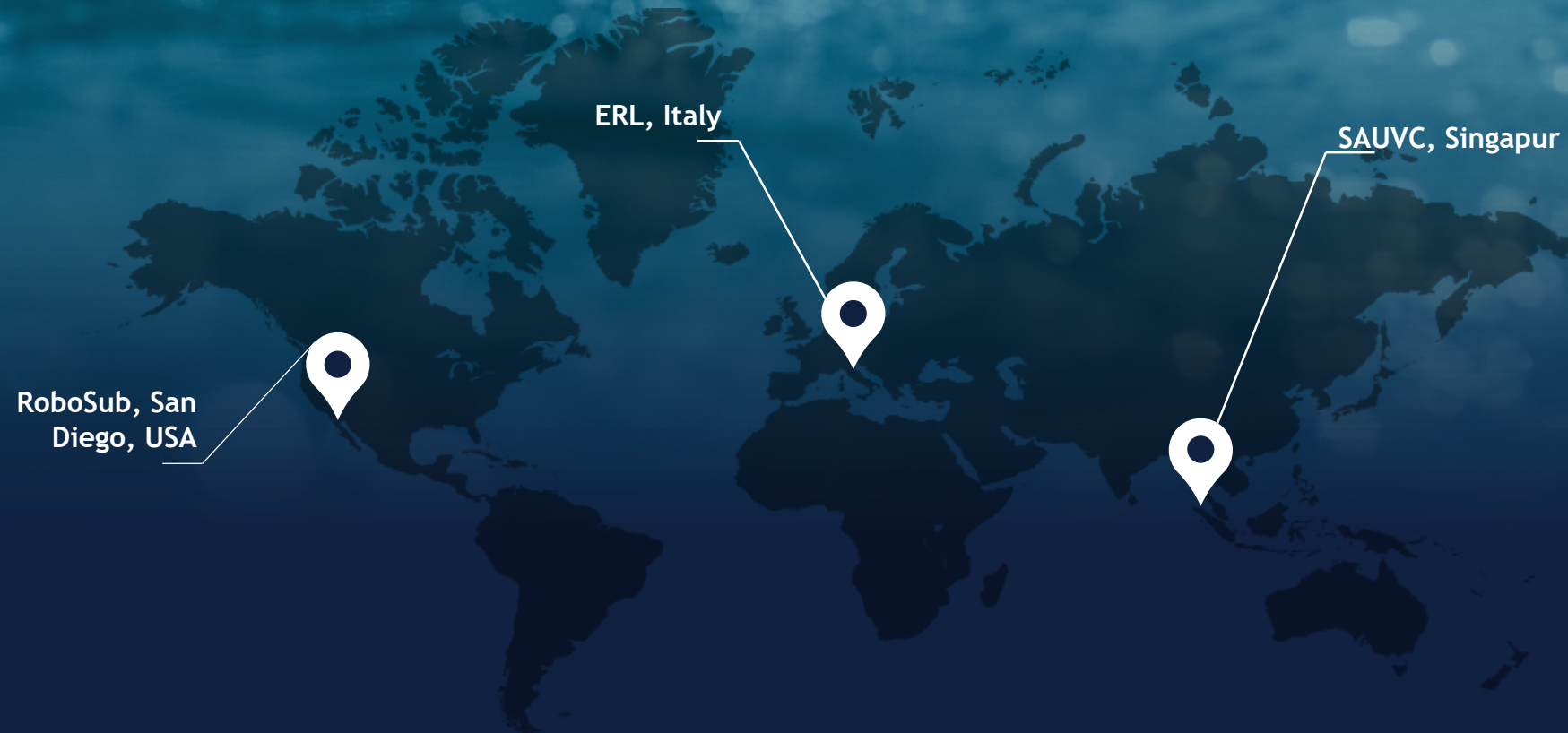
Xsens



8 x  = 3 kW



Season 2019/2020



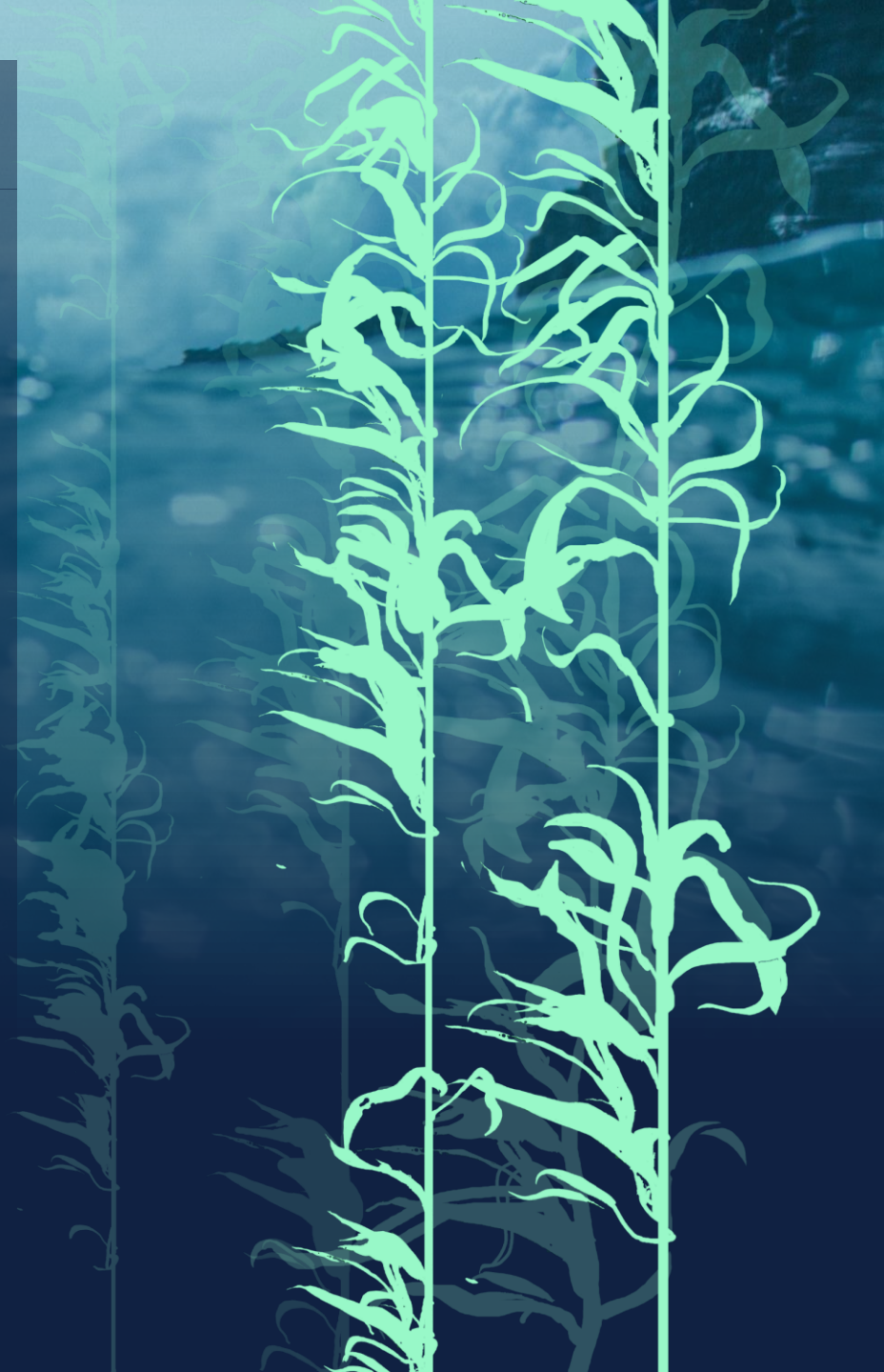
In what field of study we can use it?

- maritime robotics
- marine biology
- oceanography
- rescue / lifesaving
- maritime archeology



What AUV can exactly DO?

- unmanned plants and animals observation
- unmanned long-term fluctuations of plants and animals observation
- unmanned iceberg observation for off-shore industry and iceberg modeling
- collecting data about dynamics of polar seas, ocean circulation, topographic effects, ice shelf melt processes and air-sea-ice interaction
- detecting, tracking and surveying a river plume
- recording shipwrecks





Our team



>50

The infographic for the Technical Department consists of a dark purple circle with a white rectangular tab at the top. The number '>50' is displayed in white text inside the circle.

Technical
Department

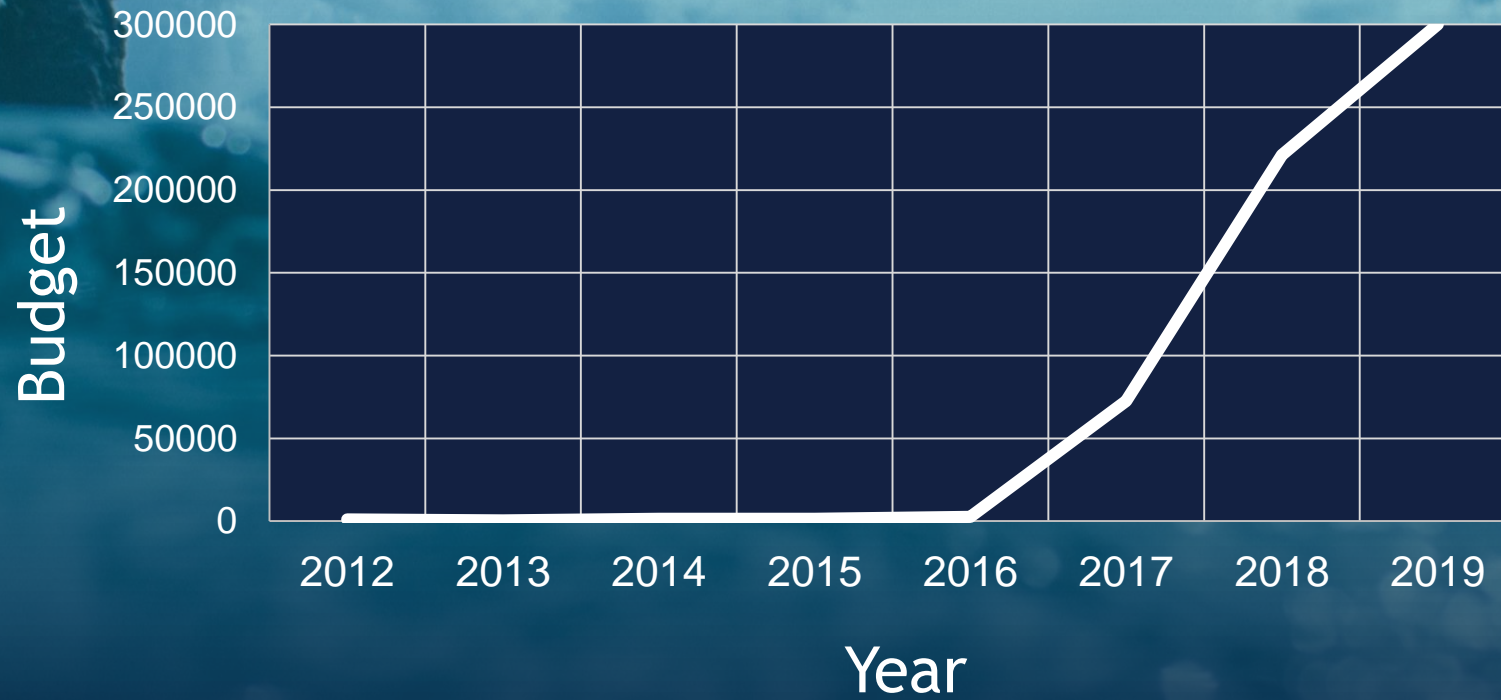


>10

The infographic for M&M Fundraising consists of a light green circle with a white rectangular tab at the top. The number '>10' is displayed in white text inside the circle.

M&M
Fundraising

Project's budget



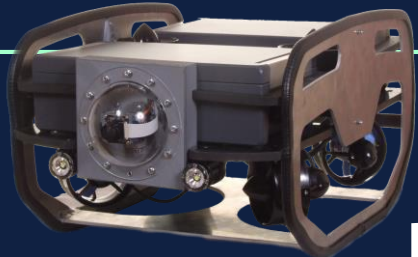
ROV 1.0



ROV 3.0

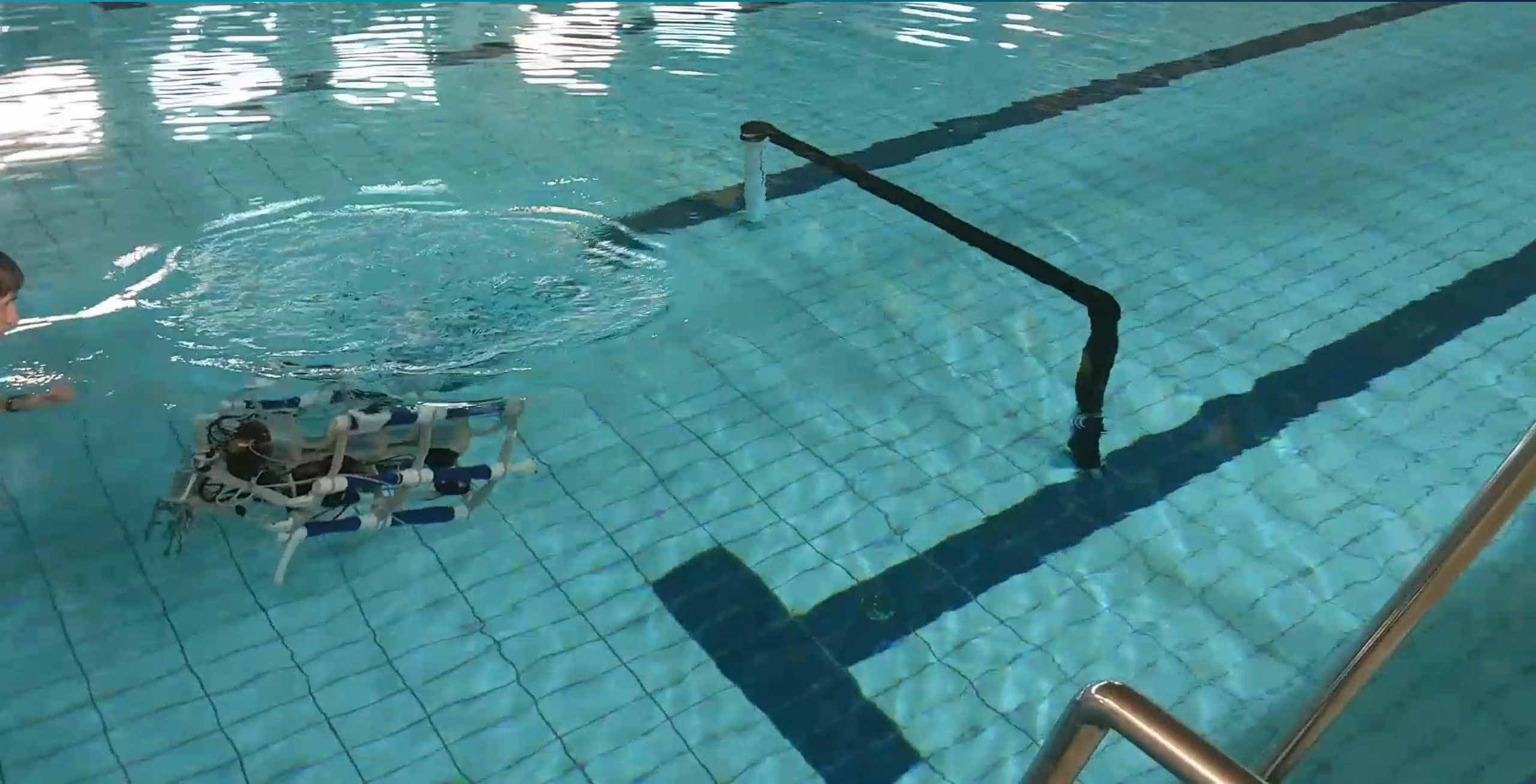


ROV 2.0



ROV 4.0

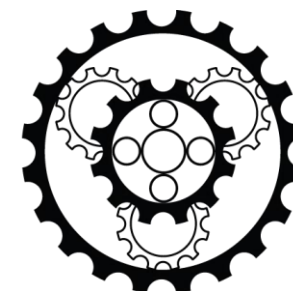






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