How to implement what we did in our submarine ?

PURPOSE

After a complete meeting on electronics and 3D modeling you have everything you need to make our submarine a reality. But having good ideas is not enough, we still have to confront them with reality (available space, constraints due to the submarine environment, costs, etc.).

Keep in mind when answering these questions that it is not enough to imagine a solution but to propose an effective way around most of the problems that this solution might encounter.

We suggest that you think about some of these issues with the help of your teacher. At the end of this group work, we will have a concrete roadmap and we will be able to take action!

PROBLEMS TO BE SOLVED

1) What electronic devices do we want to use and why?

2) How will these circuits be powered in order to provide sufficient autonomy?

3) Where and how will we mount them in our submarine? In addition to your written details, please provide a diagram.

4) How will we save the data collected?

5) Currently our submarine is able to dive and move forward. How could we provide it with other movement capabilities?

6) Do you see other possible optimizations of our submarine? If so, how could we implement them?