

NAUTILOS QUEST: OBSERVATIONS TO SAVE OUR OCEANS

MEANWHILE AT THE EUROPEAN MARITIME DAY

I'VE BEEN HEARING A LOT ABOUT OCEAN MONITORING LATELY. WHAT EXACTLY DOES IT INVOLVE?

OCEAN MONITORING IS ESSENTIAL FOR UNDERSTANDING AND PROTECTING OUR OCEANS. LET ME BREAK IT DOWN FOR YOU

BANG

WE TRACK THINGS LIKE TEMPERATURE, ACIDITY, AND CURRENTS. THESE MEASUREMENTS REVEAL US THE OCEAN'S HEALTH AND ITS IMPACT ON EARTH'S CLIMATE.

BY OBSERVING CARBON LEVELS AND POLLUTANTS LIKE PLASTICS, WE GET A CLEAR PICTURE OF HOW THESE AFFECT MARINE LIFE AND ECOSYSTEMS.

THESE OBSERVATIONS SHOW US HOW CLIMATE CHANGES AFFECT OCEAN LIFE, LIKE OXYGEN DEPLETION, ACIDIFICATION AND CHANGES IN FISH POPULATIONS.

IT HELPS US TRACK POLLUTANTS AND INVASIVE SPECIES, LIKE HARMFUL ALGAE, WHICH CAN DAMAGE MARINE ECOSYSTEMS.

HOW DO YOU KEEP TRACK OF ALL THESE THINGS TOGETHER?

WOW

GOOD QUESTION! WE USE CUTTING-EDGE TECHNOLOGIES

NAUTILOS IS CREATING NEW, AFFORDABLE SENSORS AND SAMPLERS, ADDING THEM TO OUR OBSERVATION TOOLS, AND TESTING THEM ACROSS EUROPEAN SEAS.

THAT SOUNDS LIKE A LOT OF DATA! HOW DO YOU USE IT?

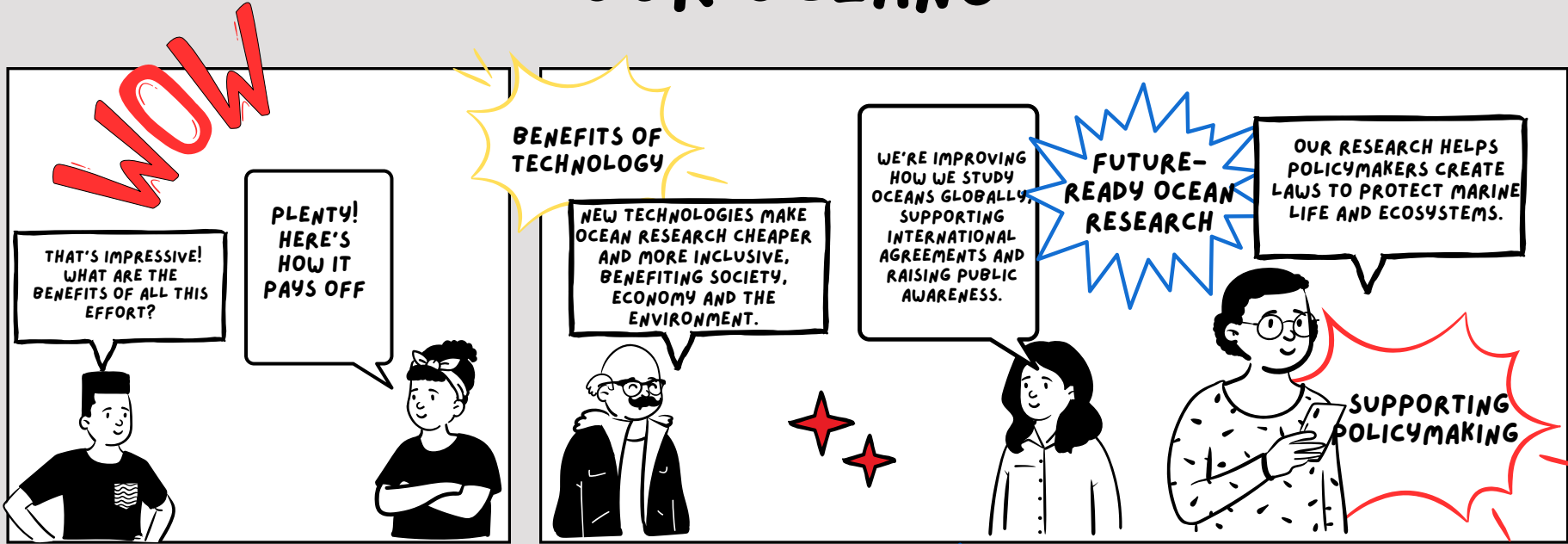
DATA HELPS US PREDICT OCEAN PATTERNS AND IMPROVE OUR CLIMATE MODELS.

WE MONITOR EVERYTHING FROM WATER QUALITY TO MARINE LIFE BEHAVIOUR ACROSS VAST AREAS.

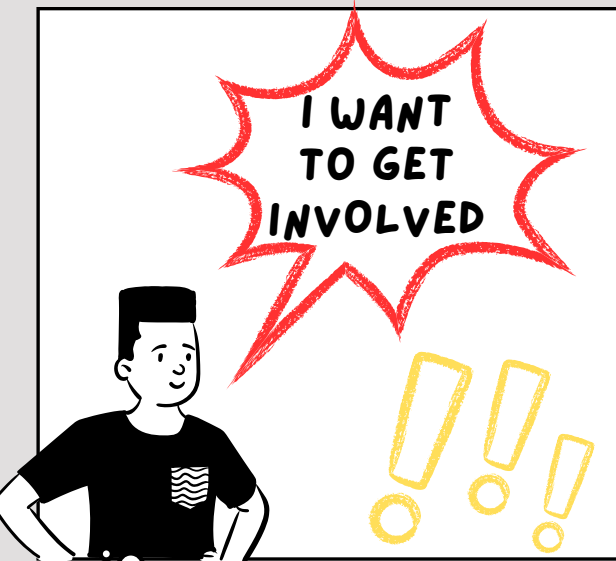
PROJECTS LIKE NAUTILOS USE ADVANCED SENSORS TO STUDY BIOLOGICAL, ECOSYSTEM, AND ENVIRONMENTAL FACTORS FROM SURFACE TO SEABED.

TO BE CONTINUED...

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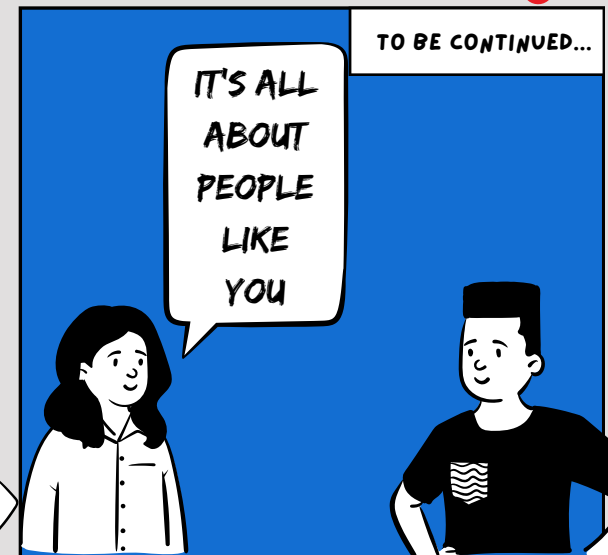
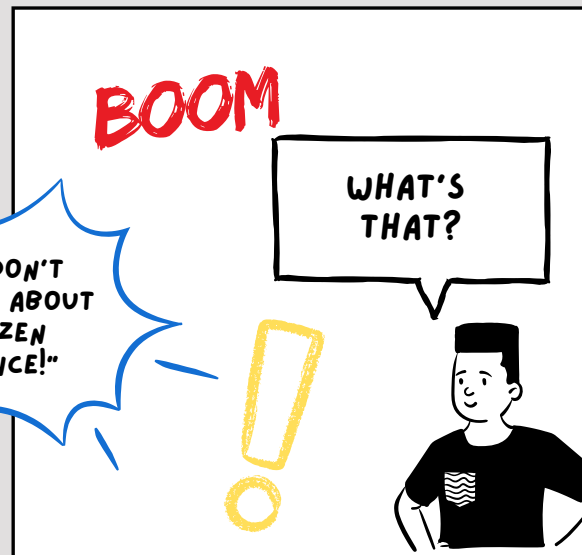
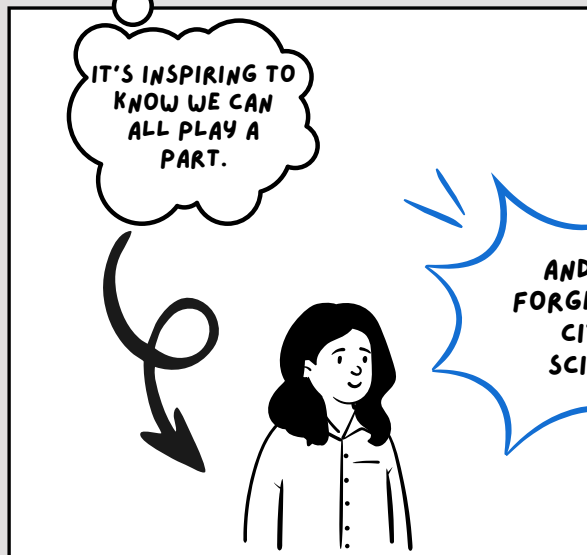



THERE'S A ROLE FOR EVERYONE!

DECISION-MAKING: YOUR VOICE MATTERS IN SHAPING POLICIES THAT IMPACT OUR OCEANS

POLICY SUPPORT: ENCOURAGE POLICYMAKERS TO FUND OCEAN RESEARCH AND SET CLEAR RULES FOR USING OCEAN RESOURCES.

SUSTAINABLE DEVELOPMENT: TOGETHER, WE CAN ENSURE OCEANS ARE PRESERVED AS A RESOURCE FOR GENERATIONS TO COME.



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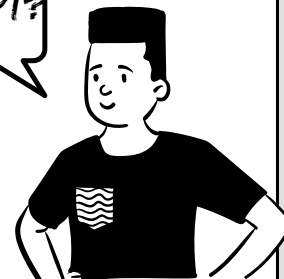
ANYONE CAN HELP COLLECT DATA AND RAISE AWARENESS.

YOUR OBSERVATIONS MATTER! THEY HELP SCIENTISTS AND POLICYMAKERS MAKE INFORMED DECISIONS.

IT'S COST-EFFECTIVE AND ENSURES WE'RE ALL PART OF PROTECTING OUR OCEAN.



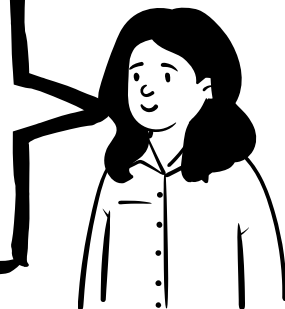
AND WHAT ABOUT CLIMATE CHANGE, HOW DO WE ADAPT?



TO BE CONTINUED...



BY MONITORING LONG-TERM CHANGES: RAPID CLIMATE SHIFTS MEAN ONGOING MONITORING IS CRUCIAL TO UNDERSTAND AND RESPOND TO OCEAN CHALLENGES



**UNDERSTANDING OUR OCEAN ISN'T JUST FOR EXPERTS.
IT'S A COMBINED EFFORT INVOLVING SCIENCE,
TECHNOLOGY AND CASUAL PEOPLE LIKE YOU!**



**I'M READY
TO GET
INVOLVED!
AND MAKE A
DIFFERENCE!**

