

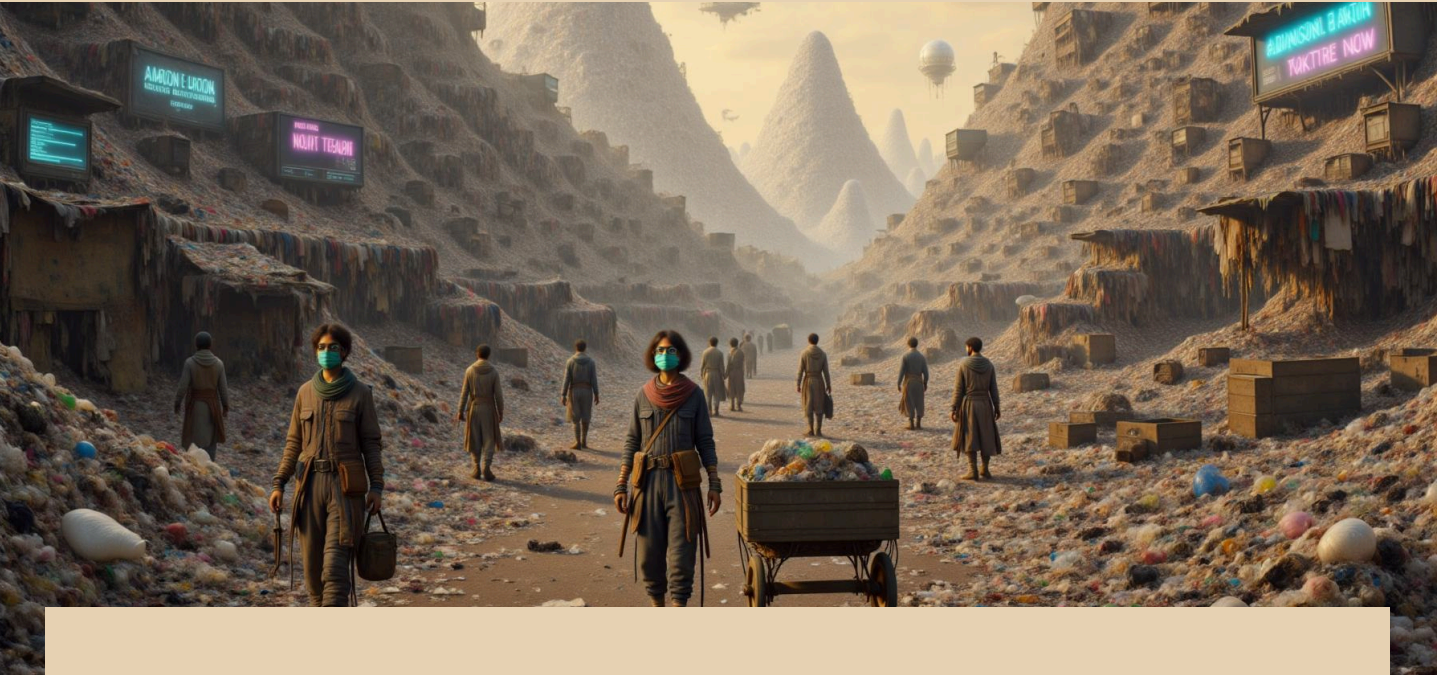
VEINS OF THE WASTELAND



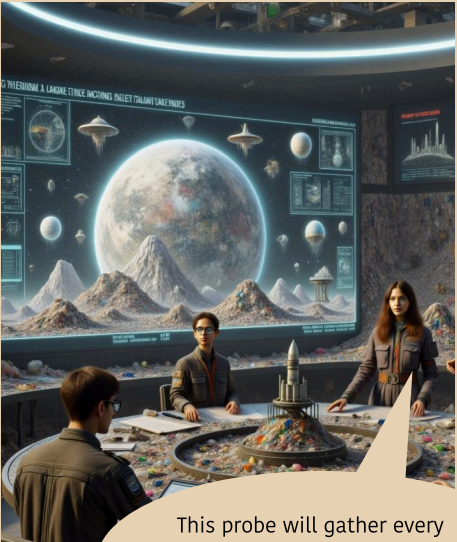
Earth in 2050!



The world is ending. Not by fire. Not by flood. But by waste.



Earth was drowning in its own waste. Piles of plastic and dry garbage stretched for miles, stuff that was never meant to break down, just dumped and forgotten. The air was thick with toxins, the water barely drinkable, and the soil too damaged to grow anything real. Cities had turned into junkyards, and silence filled the spaces where life used to be. This wasn't just pollution. It was a planet slowly collapsing under the weight of everything humans left behind.





How can people think of leaving this planet? It has been our home for centuries. We shouldn't just abandon it—this is where we belong.



Aara!



Nature has always found a way to heal itself. Every problem has a solution—and I will seek that solution to help bring our Earth back to life.

I think they see leaving the planet as the only solution. But what keeps you so driven to keep searching? Every day, we just collect samples and run tests, yet we find nothing in this barren wasteland.



Earth has given us so much—how can people be so willing to leave it behind? Yes, there are many challenges, but we should hold on to hope and have faith in making things better.

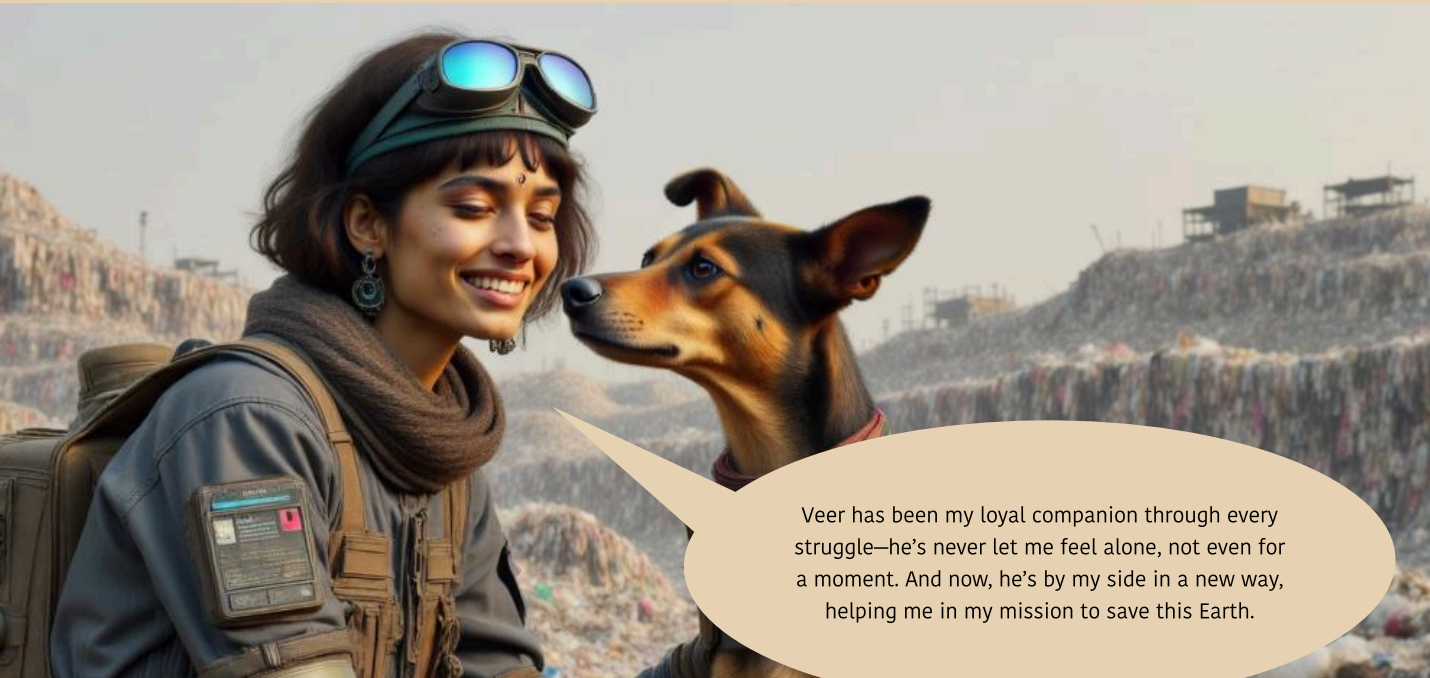
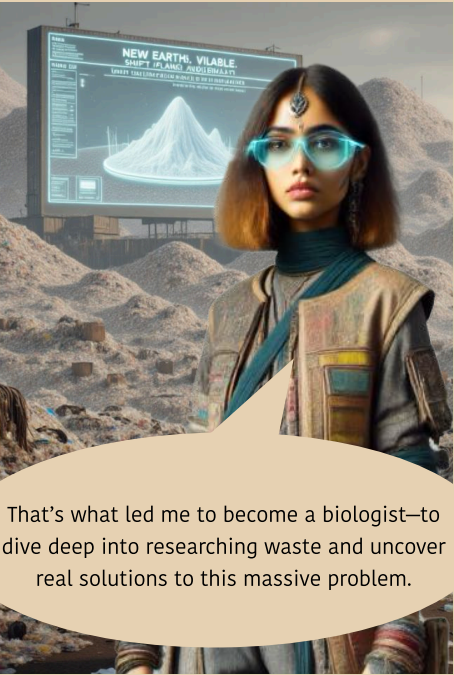


I've lost so much in this wasteland that I made a choice—to dedicate myself to transforming it. I want to break it down completely and rebuild something better. I want to make a difference. I want to save our home.

Aara's Past



When I was little, my parents worked at the Envira Waste Management Plant. The conditions there were terrible—no proper hygiene, no cleanliness. Over time, that very waste claimed their lives. I was left alone in this world, and surviving on my own was incredibly difficult. But through it all, Earth remained my home. It never let me go to sleep hungry. It gave me a second chance at life, and I've vowed to dedicate that life to giving back—to healing this planet that took care of me when no one else could.



Lab where Aara and Rihan work.t



A few days later, when Aara and Rihan returned to the waste site, Aara completely forgot about the missing sample and carried on with the usual sample collecting.



Did you hear the news?
The rocket has successfully
landed on the planet!

Ohh! Okay

Yesterday's samples didn't show any
significant results, but we did notice some
kind of pattern emerging. If the same
happens again today, then I can start
researching it in detail.



Yeah, let's see! See you after
collecting the samples--bye!



Where did I put
that sample?

Ugh, this sample doesn't show
anything promising either. I'll
take a closer look at the
sample I found earlier today.



It's not in any of the
other three samples.



What's that? It looks a little different.



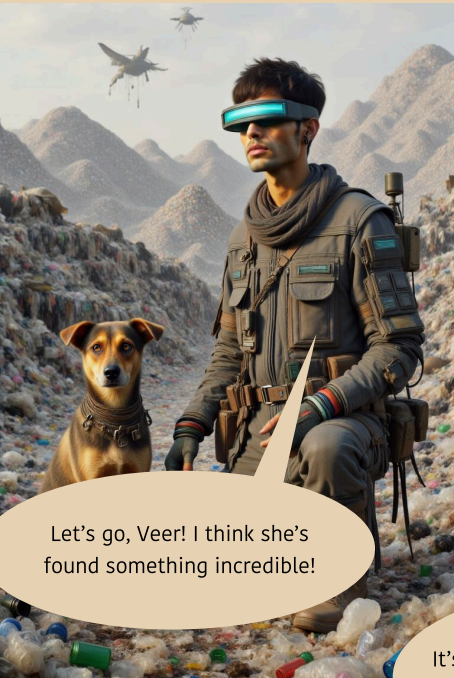
I forgot to pick it
up before moving
to the next spot.



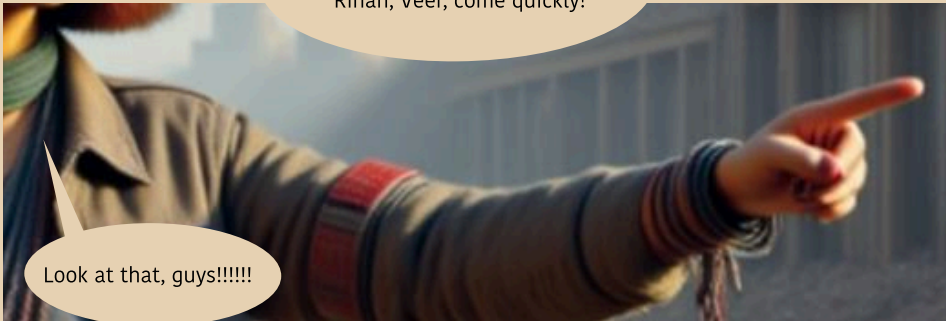
What!!!!!!!



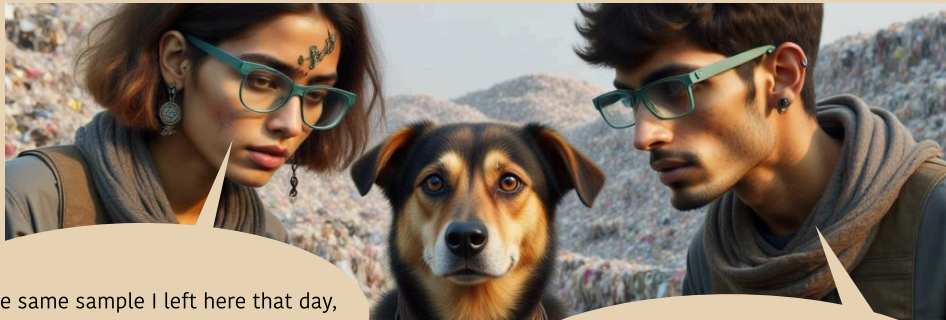
That's the sample I left that day!
Rihan, Veer, come quickly!



Let's go, Veer! I think she's
found something incredible!



Look at that, guys!!!!



It's the same sample I left here that day,
look how much it's transformed!

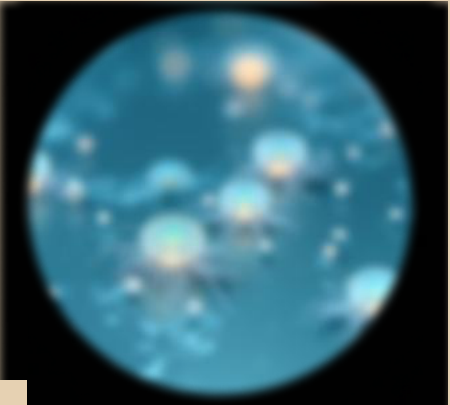
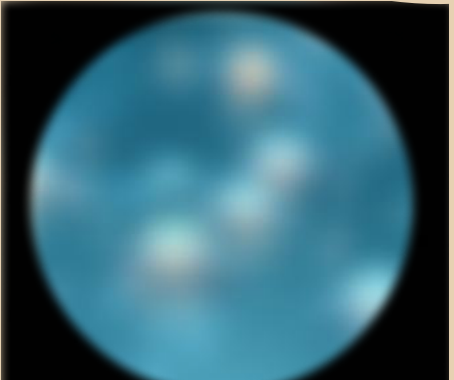


Wow!!! We definitely need to take this
back to the lab and examine it closely!
It looks like we've made an incredible
discovery!

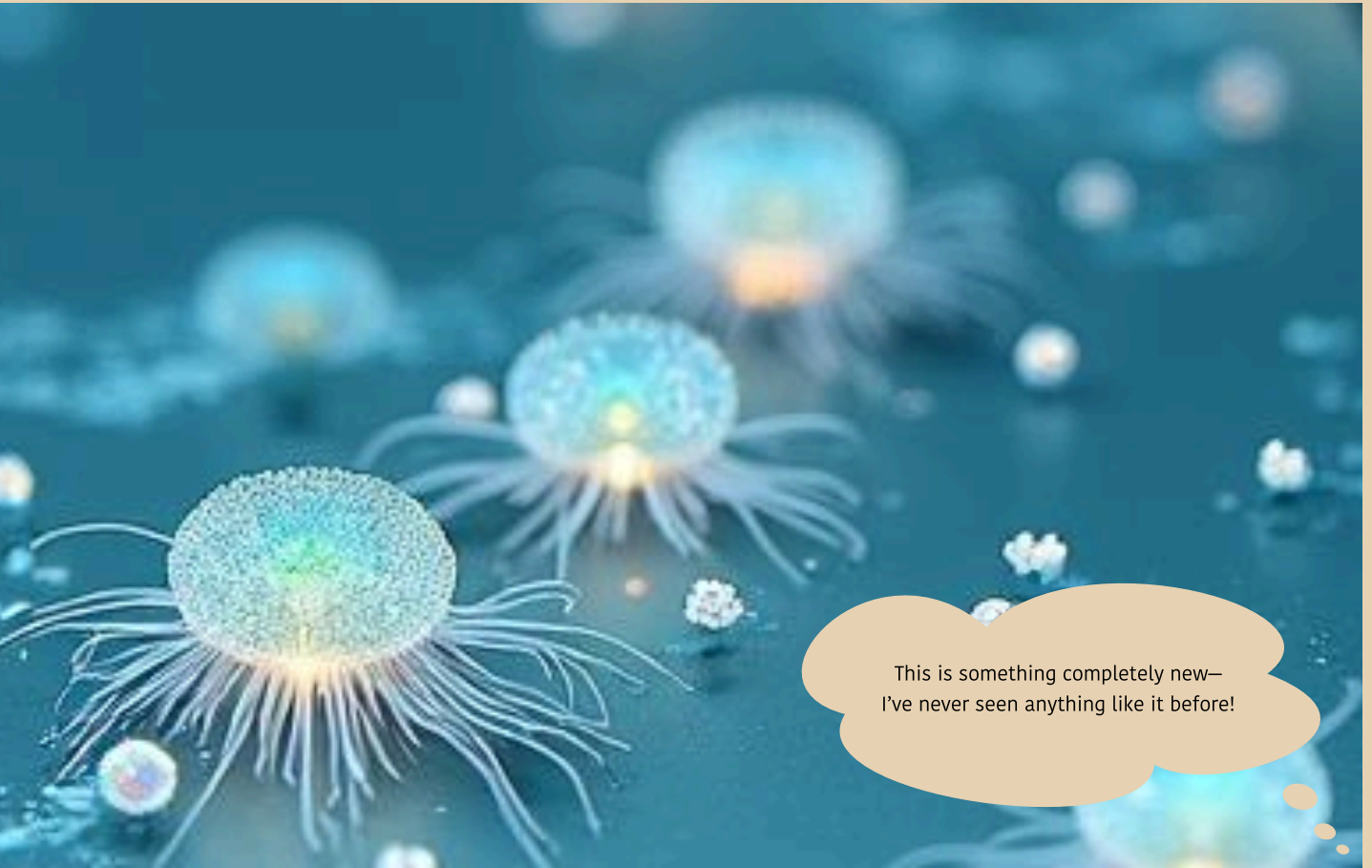
All of them come to lab to test the sample they found.



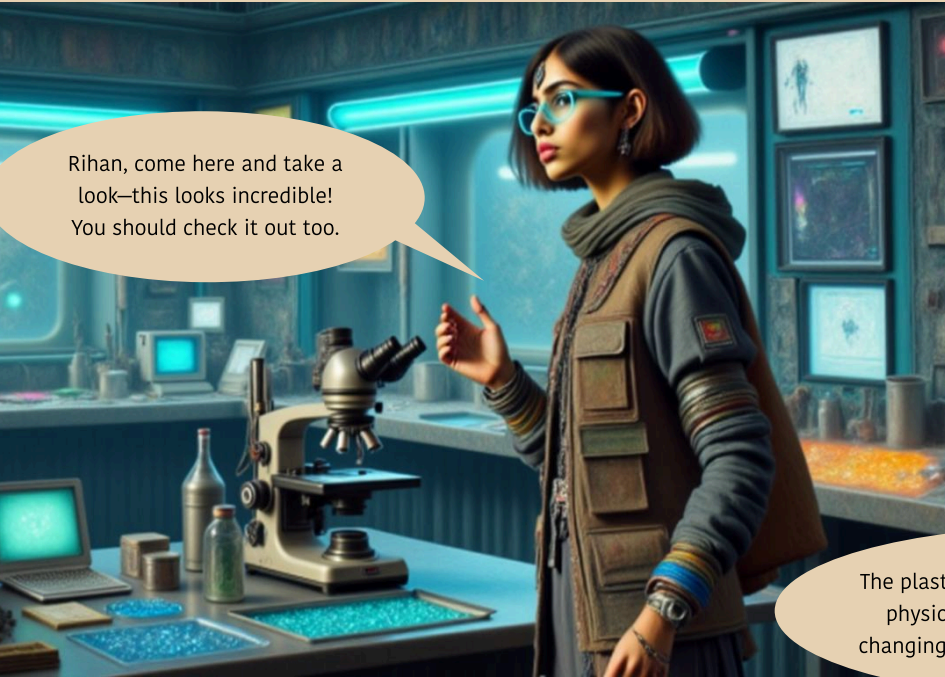
I'm sure we will
definitely find something



Zooming in the microscope



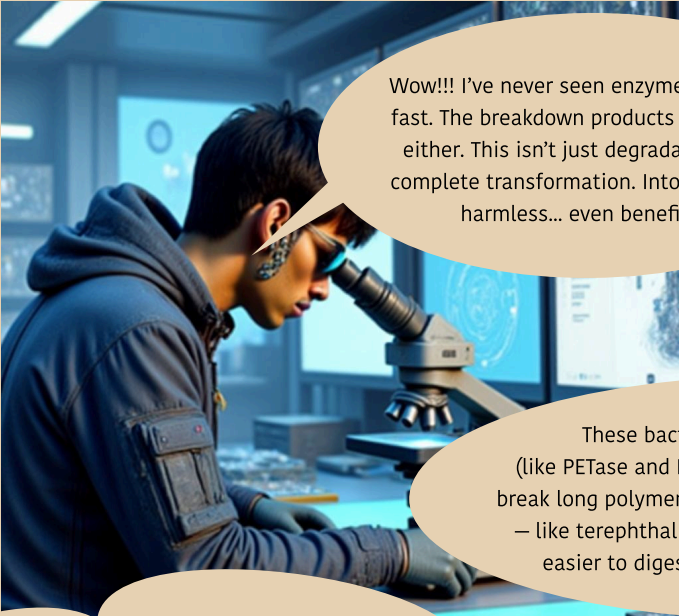
This is something completely new—
I've never seen anything like it before!



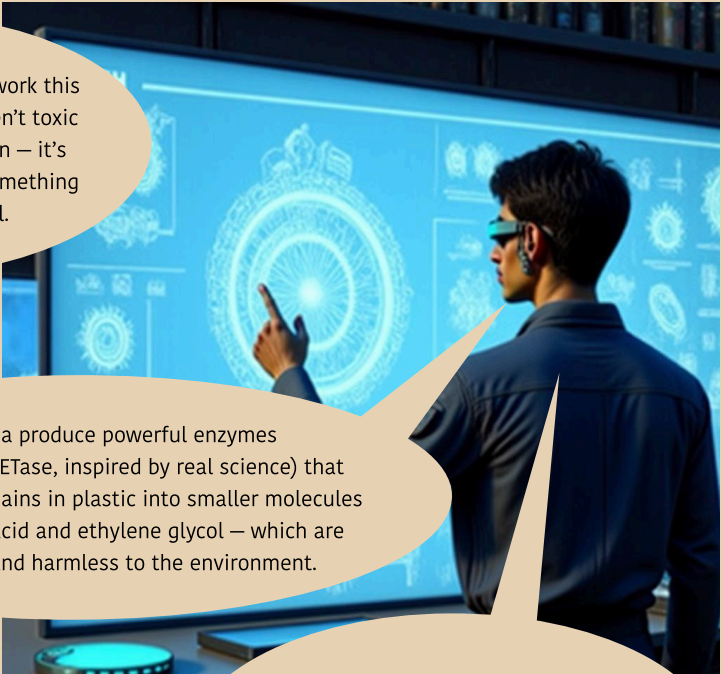
Rihan, come here and take a look—this looks incredible! You should check it out too.



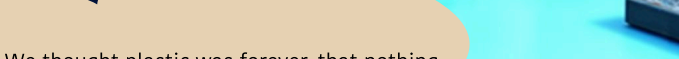
The plastic... it's breaking down — not just physically crumbling, but chemically changing. See these holes? They're... alive.



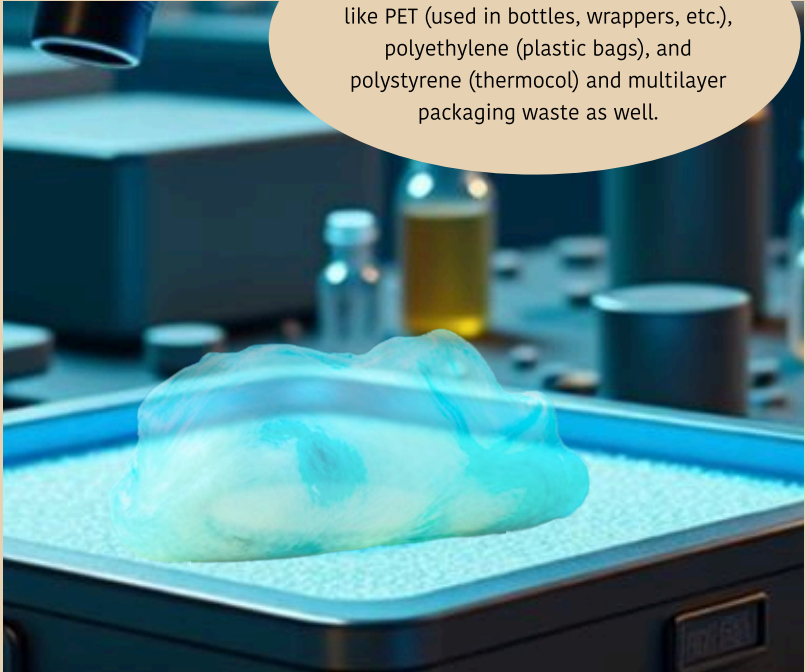
Wow!!! I've never seen enzymes work this fast. The breakdown products aren't toxic either. This isn't just degradation — it's complete transformation. Into something harmless... even beneficial.



These bacteria produce powerful enzymes (like PETase and MHETase, inspired by real science) that break long polymer chains in plastic into smaller molecules — like terephthalic acid and ethylene glycol — which are easier to digest and harmless to the environment.



We thought plastic was forever, that nothing could touch it without poison or fire. But these bacteria... they're rewriting the rules.



Can digest common and complex plastics like PET (used in bottles, wrappers, etc.), polyethylene (plastic bags), and polystyrene (thermocool) and multilayer packaging waste as well.



The soil samples near the site? Still healthy. The air around it... cleaner. This is beyond science — it's hope.

This... this is what we've been chasing all along. A way to heal Earth, not abandon it.



Yes. Not just a discovery — a revolution. The answer we almost gave up on!



VEER!!!!!!

Mom, Dad... I did it. I found the cure to save our Earth. I miss you both so much!



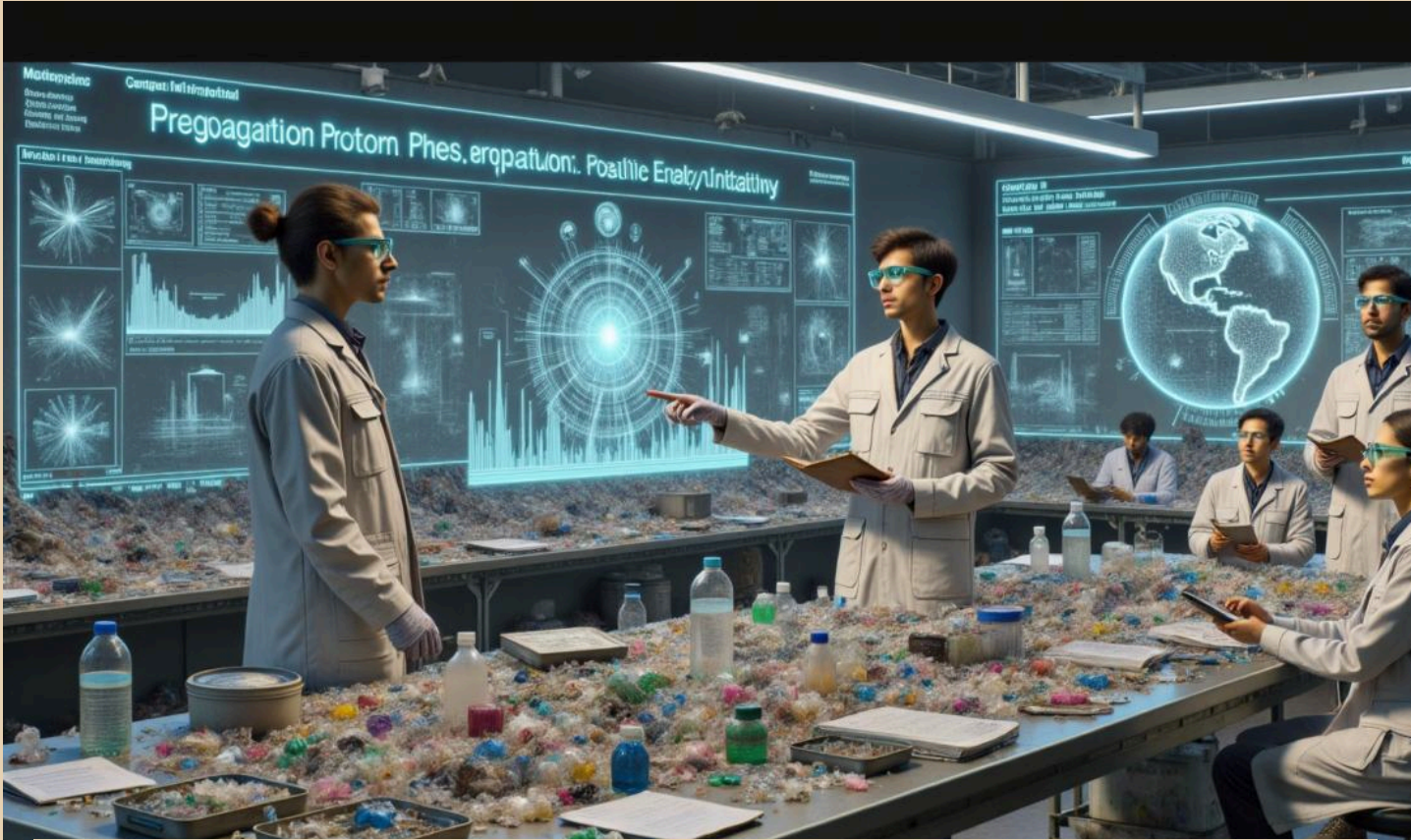
Woof woof!



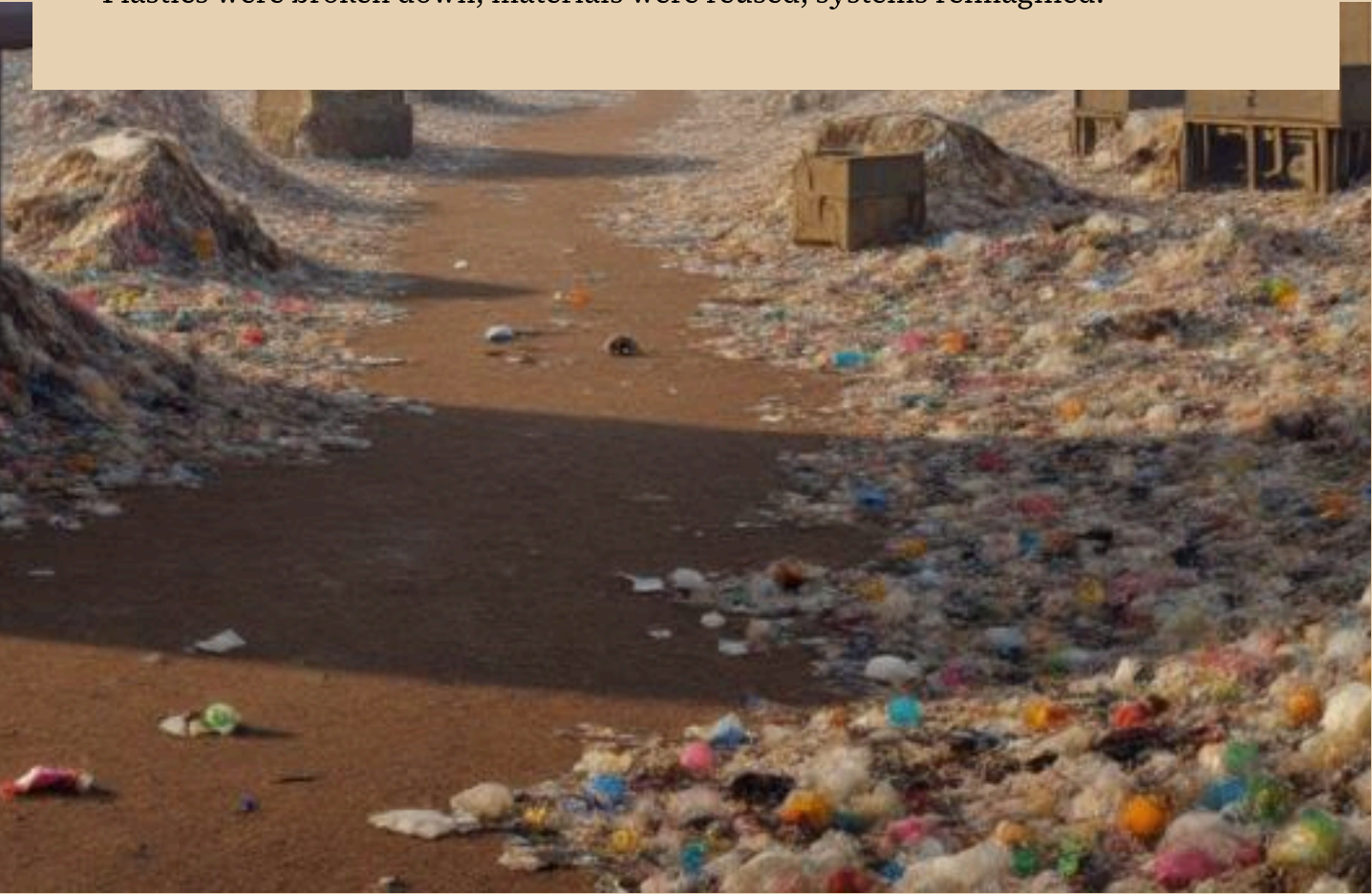
We Did it!!!



Life Saving Discovery



And so, united by discovery and hope, the scientists made a bold decision — to propagate the newly discovered bacteria and deploy it across the world. What once seemed like an irreversible curse of waste slowly began to dissolve. Bit by bit, landfills shrank, rivers breathed again, and the skies grew clearer. Every corner of the Earth witnessed change, not through destruction, but through thoughtful regeneration. Plastics were broken down, materials were reused, systems reimagined.



And when the waste was finally gone, what remained was not emptiness, but meaning. The last scraps — untouched, unpolished — were enshrined not as garbage, but as scrap heritage. Like ancient ruins or timeless relics, they stood in raw honesty, a reminder of human error and resilience. People visited these sites not with shame, but reverence — celebrating the beauty of Earth through remnants of the past, and honoring the lessons passed down by generations that dared to dream of renewal.



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