

# HYBRID INNOVATIONS

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# About Hybrid Innovations

Hybrid innovations, in this context, mean the integration of hardware and software to create solutions for real-world problems. Hardware refers to the physical devices, machines, or components, while software provides the instructions, intelligence, and automation that make these devices smart and adaptable. When combined, they can perform complex tasks, respond to changing conditions, and solve challenges more effectively than either could alone. This approach is used in areas like healthcare, transportation, waste management, and public accessibility, enabling systems that are efficient, sustainable, and user-friendly.

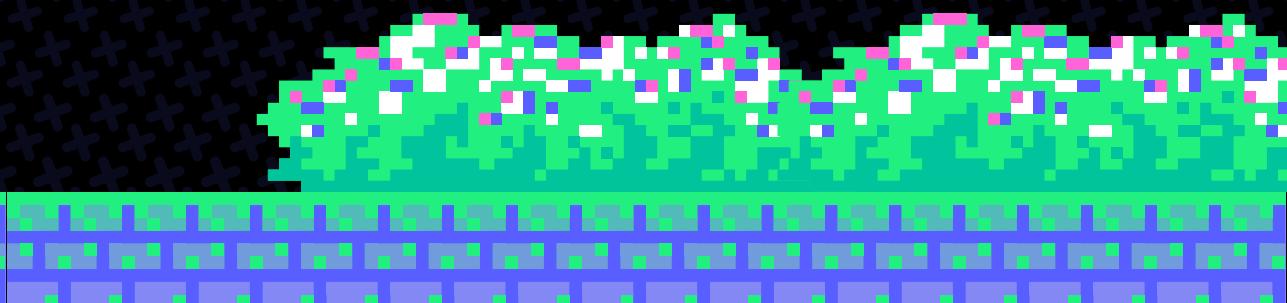
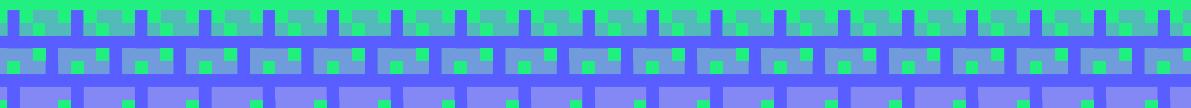
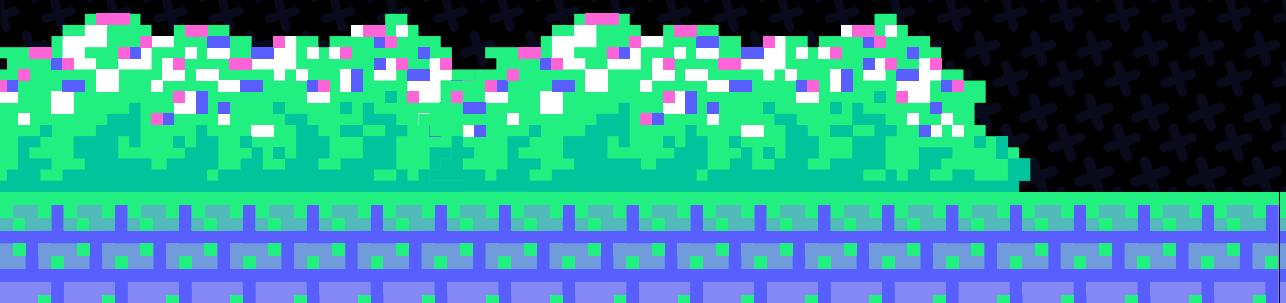
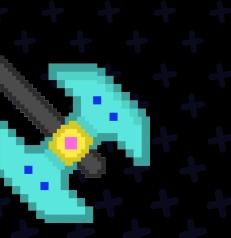
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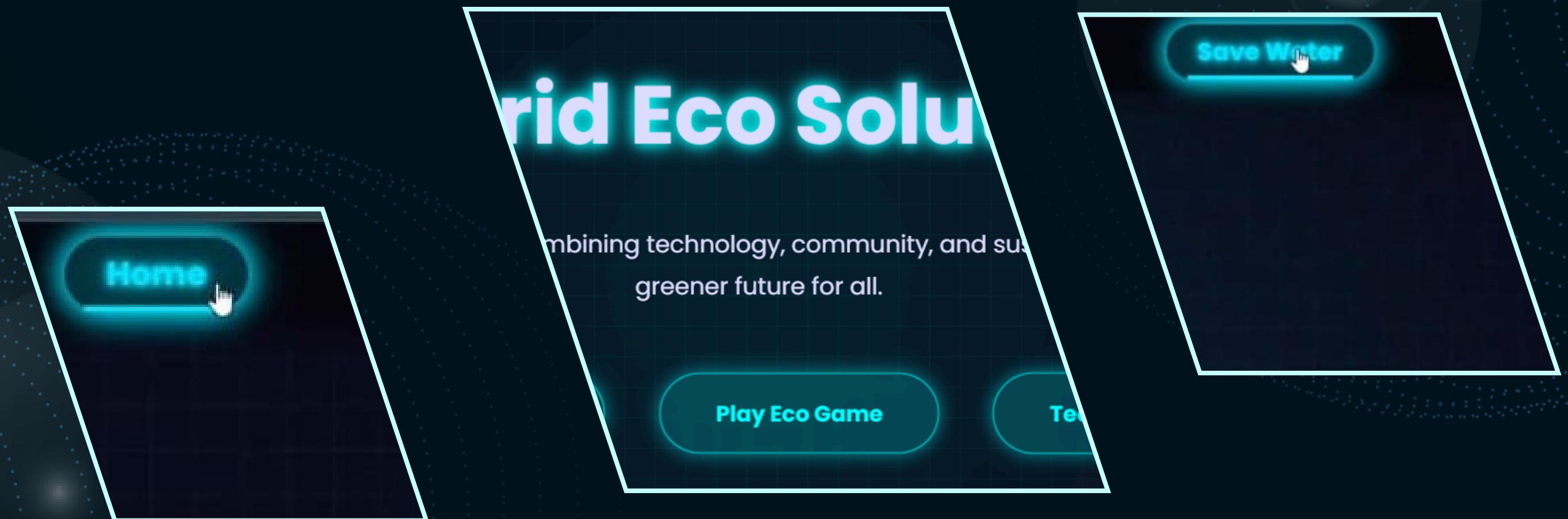
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# WEBSITE:



# HOME/LANDING PAGE



Starting with our home page, you'll experience engaging animations:



# ECO QUIZ:

Welcome to the Eco Awareness Quiz – a fun and interactive way to discover how much you know about protecting our planet.

Answer thought-provoking questions about waste reduction, energy conservation, water saving, and sustainable living.

Is recycled globally?

About 25% 

More than 75%

pose in a landfill?

**1. Approximately what percentage of plastic waste**

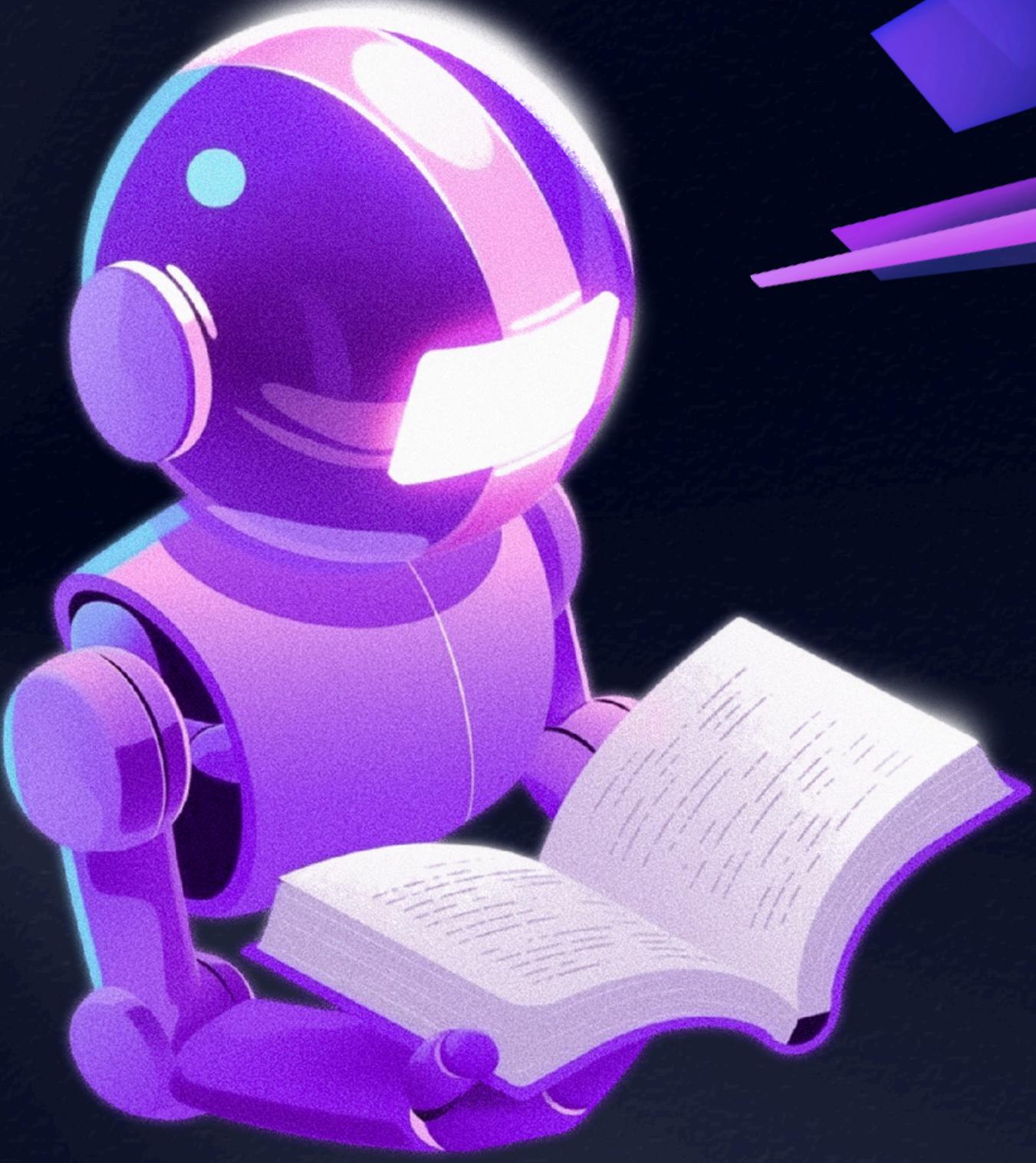
Less than 10%

Around 50%

**2. Which of these items takes the longest to decompose?**

Paper towel (2-4 weeks)

Plastic bottle (450 years)



## ECO GAME:

Step into the Eco Defense Game — where your mission is to protect the planet from pollution robots. Search the board to locate and eliminate these threats while rescuing as many trees as possible. Every tree saved strengthens nature's defenses, bringing you closer to victory. Think strategically, act wisely, and prove that teamwork between people and the environment can overcome any challenge!

# TECH FOR DISABLED:



DISCOVER GROUNDBREAKING HYBRID INNOVATIONS DESIGNED TO EMPOWER INDIVIDUALS WITH DISABILITIES.

BY COMBINING ADVANCED HARDWARE WITH INTELLIGENT SOFTWARE, THESE TECHNOLOGIES ENHANCE INDEPENDENCE, IMPROVE ACCESSIBILITY, AND OPEN NEW OPPORTUNITIES IN EVERYDAY LIFE.

EXAMPLES INCLUDE SMART GLASSES THAT DESCRIBE SURROUNDINGS FOR THE VISUALLY IMPAIRED, MIND-CONTROLLED PROSTHETICS FOR NATURAL MOVEMENT, REAL-TIME SPEECH-TO-SIGN LANGUAGE TRANSLATORS, AND AUTONOMOUS WHEELCHAIRS THAT MAP AND NAVIGATE ENVIRONMENTS.

EACH SOLUTION IS A STEP TOWARD A MORE INCLUSIVE AND CONNECTED WORLD.

# SMART WATER CONSERVATION

01

- Smart Tech Saves Water: Our intelligent irrigation systems use soil sensors and weather forecasts to reduce outdoor water use by 50%, while leak detection networks prevent thousands of gallons of annual water loss through AI-powered monitoring.

02

- From Waste to Resource: Our greywater recycling systems transform shower and laundry water into reusable supply for toilets and gardens, cutting household demand by 30–50%, complemented by atmospheric generators that harvest drinking water from humid air in drought-prone regions.

# REIMAGINING PUBLIC SPACES



# HOW ARE WEBSITE MEETS THE JUDGING CRITERIA?!

- **Innovation & Originality (20%)** – Our solution introduces [unique feature/technology] not found in existing alternatives.
- **Practicality & Viability (25%)** – Designed for real-world use, with proven [prototype/tests/scalability] ensuring feasibility.
- **User Experience (UI/UX) (15%)** – Intuitive and accessible design.
- **Business Value (15%)** – Strong [revenue model/market potential] with clear pathways to profitability.
- **Societal Impact (15%)** – Directly addresses [social/environmental issue] with measurable positive outcomes.
- **Presentation (10%)** – Clear, compelling, and professional delivery of our vision and results.

THANK  
YOU