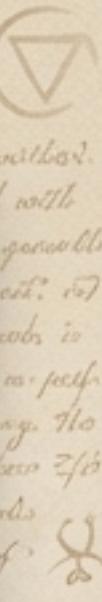


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Sorting Waste, Made Magical.

Choose the right bin instantly,
responsibly, and with a touch
of wizardry.

POWERED BY ECOZARD AI



SDG 12: Responsible Consumption

A Mission for Responsible Consumption

Ecozard is not just an app; it is an AI-powered waste segregation assistant aligned with a global mission. Every correct sort you make contributes to a cleaner planet. We use computer vision and responsible AI practices to help you make informed decisions.

Your AI Assistant for Instant Sorting



Ecozard helps you choose the right bin instantly.
It turns a complex decision into a simple action.

Making waste sorting magical means removing the doubt from disposal.

How the Magic Works



Capture or Upload

Take a photo or upload an image of your waste item.



AI Analyses

Ecozard visually identifies the object and its category.



Get Guidance

Receive the right bin choice and an eco-friendly tip.

The Sorting Spell Reveals the Answer



“Beyond identification,
Ecozard offers wisdom
to ensure the recycling
process is effective.”

The Codex of Waste Categories

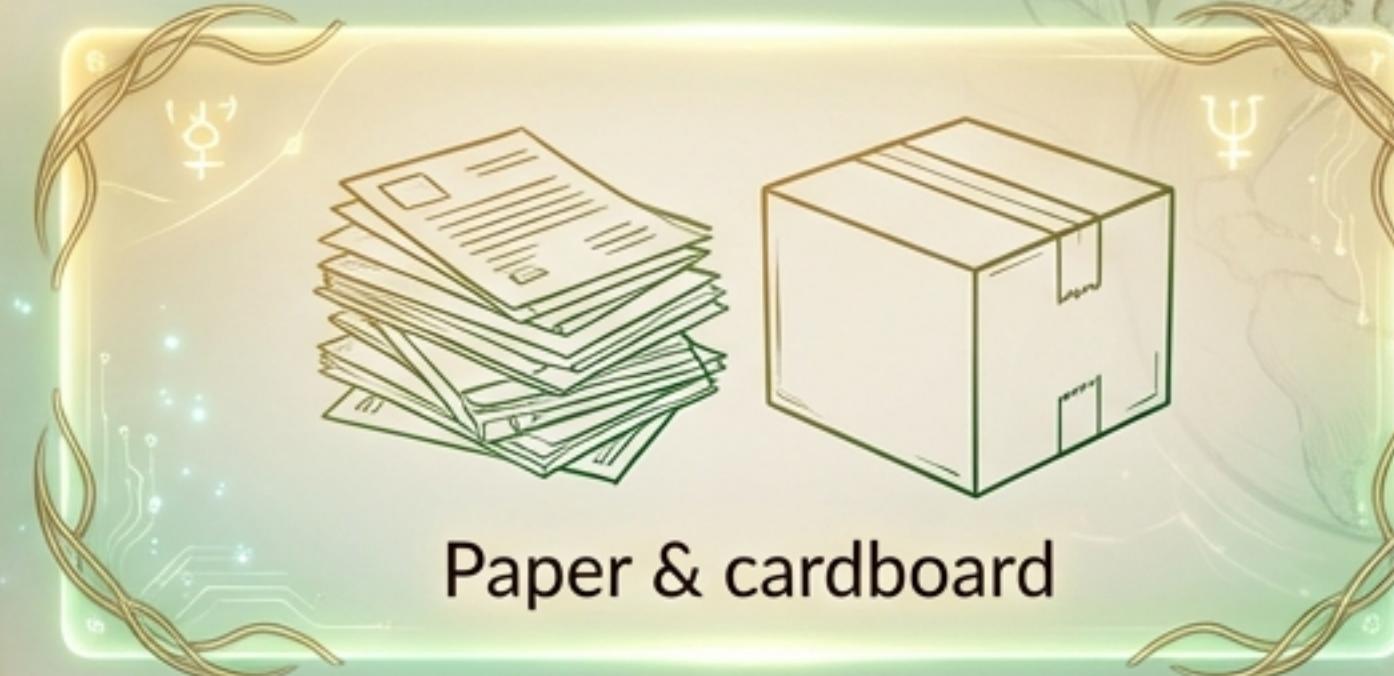
Learn what goes where. Ecozard is trained to distinguish between three critical streams of waste.



Category 1: Recyclable Materials



Plastic bottles & containers



Paper & cardboard



Glass bottles & jars



Metal cans & foil

Context: These are high-value materials that can be processed and reused if sorted correctly.

Category 2: Organic Waste



Food scraps & peels



Garden waste



Coffee grounds & tea bags



Compostable materials

Context: Returning nutrients to the earth requires strict separation from non-biodegradables.

Category 3: Hazardous Items



Batteries & electronics



Paint & chemicals



Light bulbs & CFLs

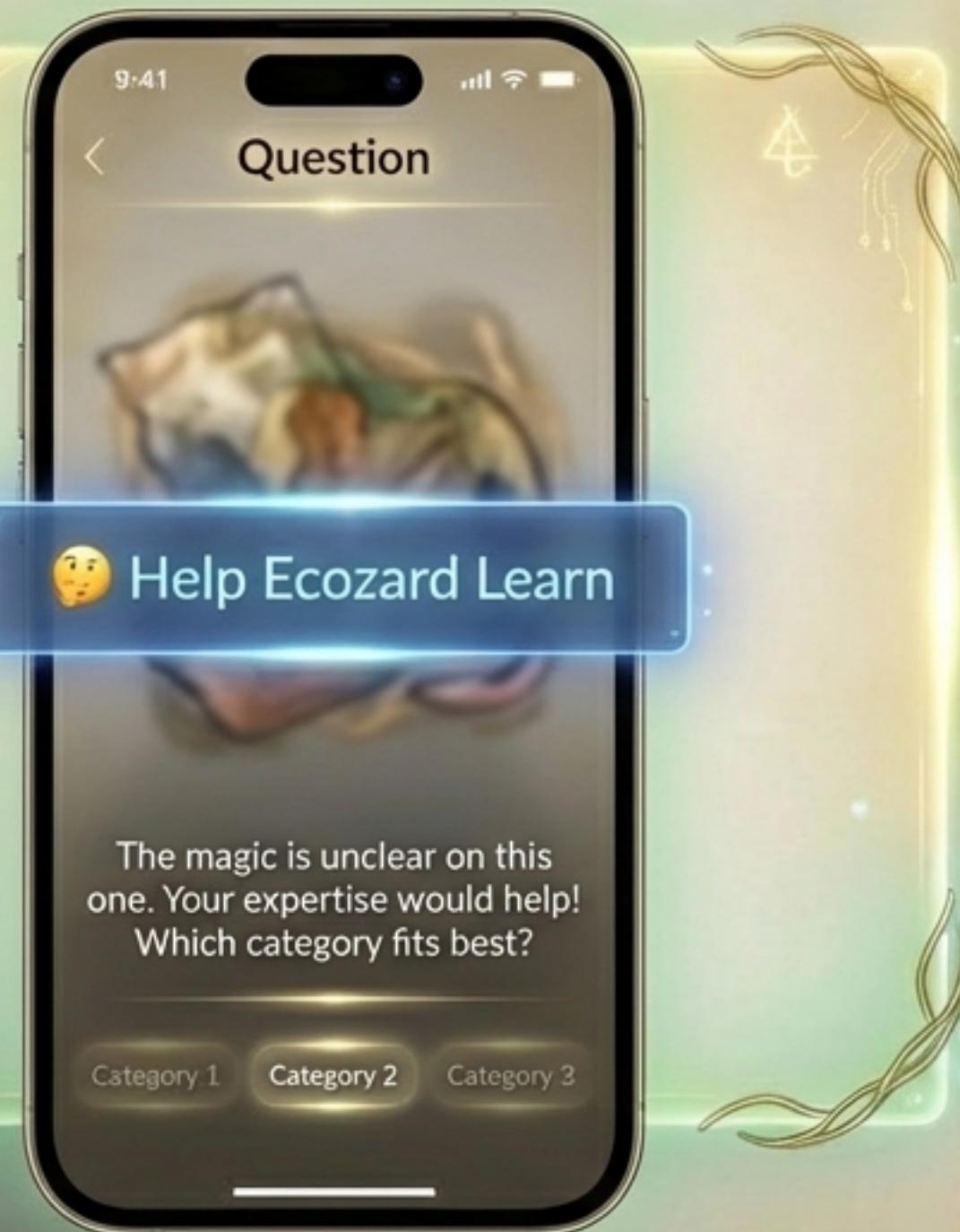


Medications

Context: Correct identification here is vital. These items require special handling to protect the environment.

When the Magic is Unclear

AI doesn't guess. Responsible AI means knowing its limits.



When visual cues are unclear,
Ecozard asks for your help rather
than making assumptions.

This prevents contamination from
false positives.

Why Ecozard Sometimes Asks for Help



Visual Ambiguity

When visual cues are unclear, the system prioritises accuracy over speed.



Regional Context

Local rules vary. Some waste disposal depends on your specific region's recycling facilities and guidelines.

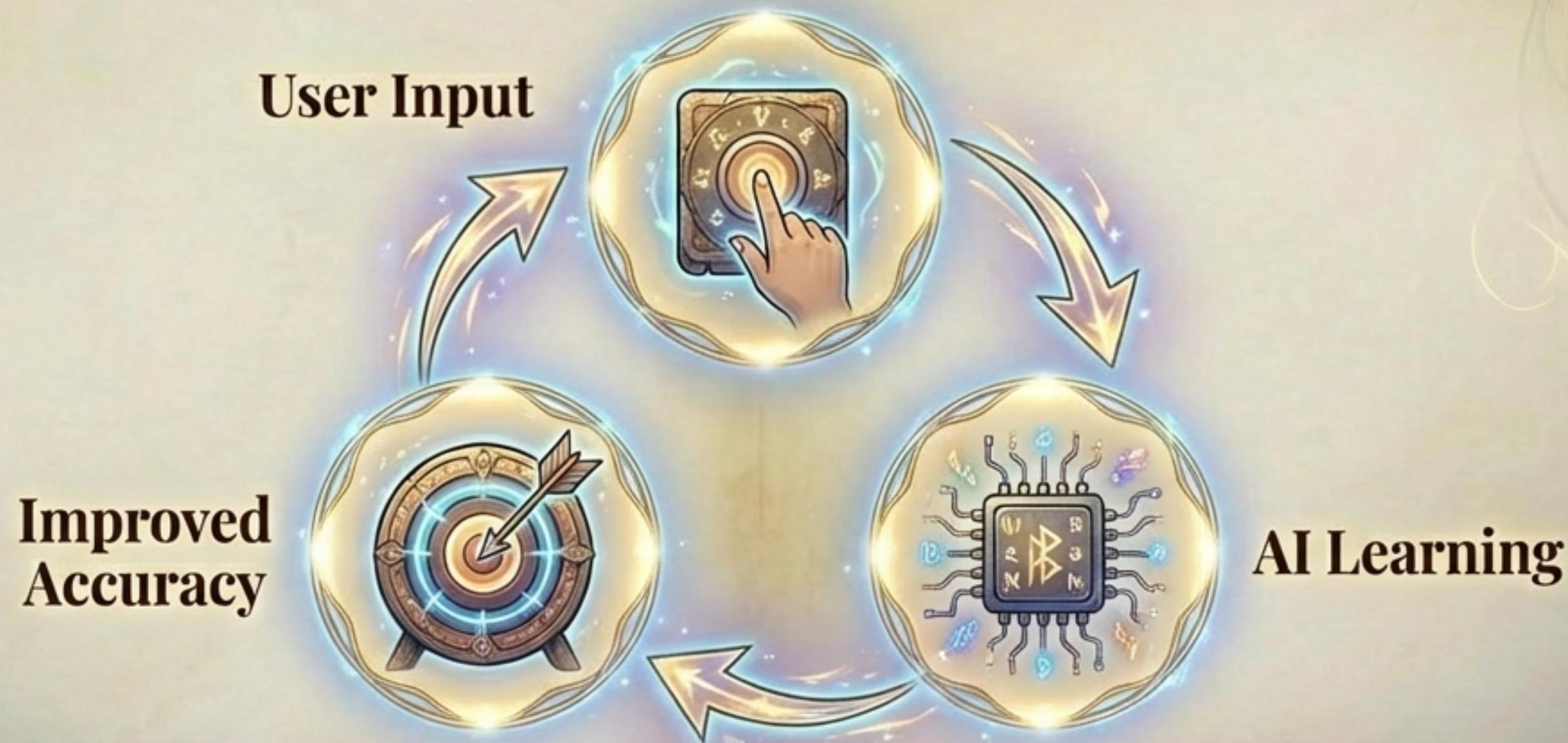


Collaborative Training

We are learning together. User input fills the gaps in the model's knowledge.

Making the Magic Stronger

Your expertise helps train the model.



When you categorize an item the AI missed, that data helps Ecozard improve and prevents future sorting mistakes. Together, we prevent sorting mistakes.

A Cleaner Planet, One Sort at a Time

Accurate

Instant identification
of waste categories.



Responsible

An AI that knows its
limits and learns
from you.

Educational

Tips that teach better
recycling habits.

Impactful

Directly contributes
to UN SDG 12.