

Local



Things (IoT) in Kuwait in 2017 and was introduced in Jan 2018 at the 10th International Inventions Exhibition organized by the Kuwait Science Club, where the invention won the silver medal.

The project was registered by the Sabah Al-Ahmad Center for Giftedness and Creativity at the US inventions office and received a registration number, which paves the way for intellectual protection of the project.

"A feasibility study of the smart bin project has been submitted to the National Fund for Small and Medium Enterprises. The financing has been approved for land acquisition in an industrial zone. I hope to put the smart bins on the market after a minimum of three years," Ateeq said.

Who can use the container?

"Anyone with a valid civil ID and a smartphone! The bin will not confuse one user with another, as the data is linked to each user's civil ID number," explained Ateeq. "It will be priced similar to the cost of any home electronic appliance such as a refrigerator or a washing machine."

What is the fate of the waste after dumping it in the bins?

Ateeq said her company will not build a waste storage area. It will be delivered by designated vehicles to recycling plants in Kuwait. "The number of recycling plants is currently seven, but we will only deal with factories that specialize in the recycling of plastic and glass waste and metals," she said.

"We know that reusing glass is less expensive than producing it. In addition, we will give back the material value to the user based on the market price. We want to be part of Kuwait's 2035 vision to create sources of income based on industrial alternatives other than oil," she concluded.



RECYCLING

BY THE NUMBERS



5,44,000
trees can be saved if one roll of fiber paper towels can be replaced with 100% recycled ones.



20 Million
tons of ewaste is thrown away annually. One ton of scrap from discarded computers contain more gold than produced from 17 tons of gold ore.



315 Kg
amount of CO2 is not released into the atmosphere each time a metric ton of glass is used to create new glass products.



160 Billion
worth of global recycling industry employs more than 1.5m people.



79 Million Tons
of waste material is diverted away from disposal through recycling and composting.



9 Cubic Yards
is the amount of space saved by recycling one ton of cardboard.



98%
of the glass bottles are returned by consumers for reuse