Hello i'm

b:bot

b:bot gives a second life to plastic bottles.

This global solution can be integrated anywhere, including urban areas. It reinvents the recycling process as an attractive, solidarity and community action.
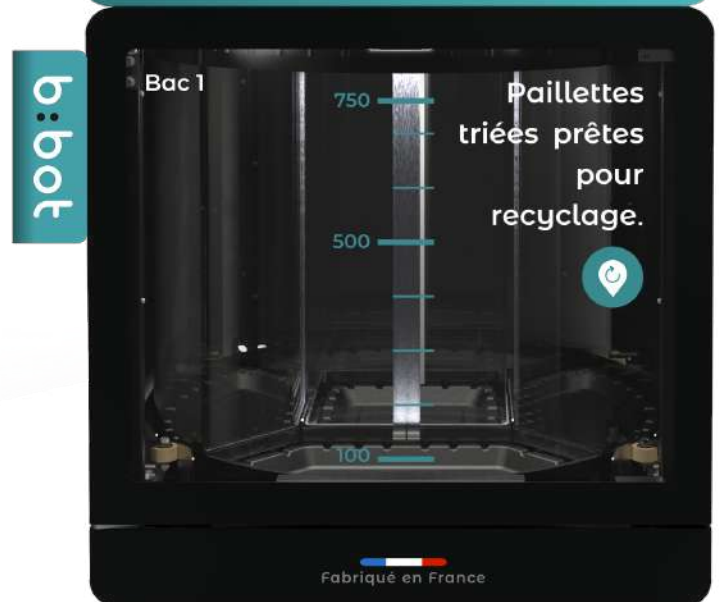
Flakes transformation

PET sorting (colored/colorless)

0,89m²

3000 bottles

32'' full HD touch-screen monitor

Permanently connected monitoring

A revolutionary solution..

A patented technology that focuses on revolutionary and performing aspects.

In addition to AI technology, b:bot is connected to a remote monitoring software.

100% digital, b:bot is extended to a mobile app and a chatbot which guarantee a playful and interactive experience.

with a profitable business model...

100 bottles

100 bottles
compacted

100 bottles
grinded

Costs reduction
The exclusive grinding technology reduces drastically staff intervention and logistic costs.

A pre-transformed product with a 3x higher cost
The bottles are sorted (coloured PET/ colourless PET) and transformed into flakes: this material has a higher cost per ton than a bottle coming from a sorting centre.

More bottles collected
As a playful machine, bbot is incitative, gives meaning to the sorting action and integrates the user in a community of sorters.

and a social impact!

Donations
For every recycled bottle, the user can make a donation of 1 or 2 cents to the association of his choice.

Professional reintegration
b:bot is unloaded and serviced by people in professional reintegration process in order to promote local employment.

Solidarity projects
Thanks to its digital interface and its adaptability, b:bot is programmed to integrate a system that makes the sorting action easier for persons in need.

Storage capacity	3000 bottles = 5 bins of 15kg each (75kg)	Identification	Bar code, QR code, RFID, NFC
Weight	480kg empty	Controler	Real-time through the web platform
Height	183 x 90 x 90	Maintenance	Remotely with the monitoring
Storage type	4 bins - 60kg colourless flakes 1 bin - 15kg coloured flakes	Power supply	230v/50-60 hz/16A
Waste recognition	Bar code, height, weight, material	Collection of corks	Front insertion option
Bottles capacity range	0,15 to 2,5 L	Connection	4G / Wifi / Lan
Speed	30 bottles / minute	Standards	CE – RoHS – CEM
Bottle insertion height	1,29 meters	Printer	Thermal on recycled paper
Power consumption	4,86 kW - on-mode 2,74 kW - standby	Sound level	65 to 67db in cycle (store equivalent)