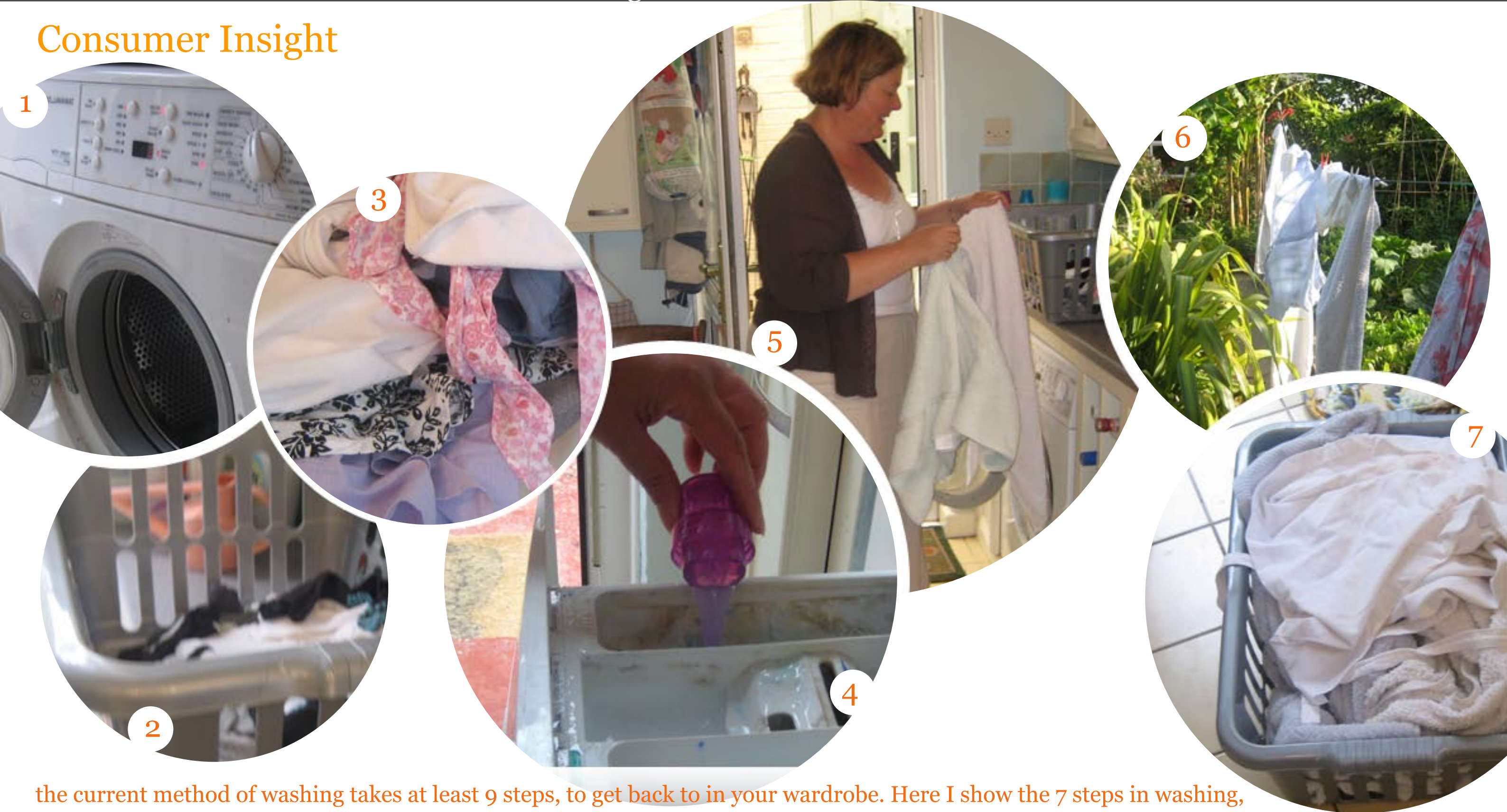


lavatio

the electrolux washing machine of 2020

Consumer Insight

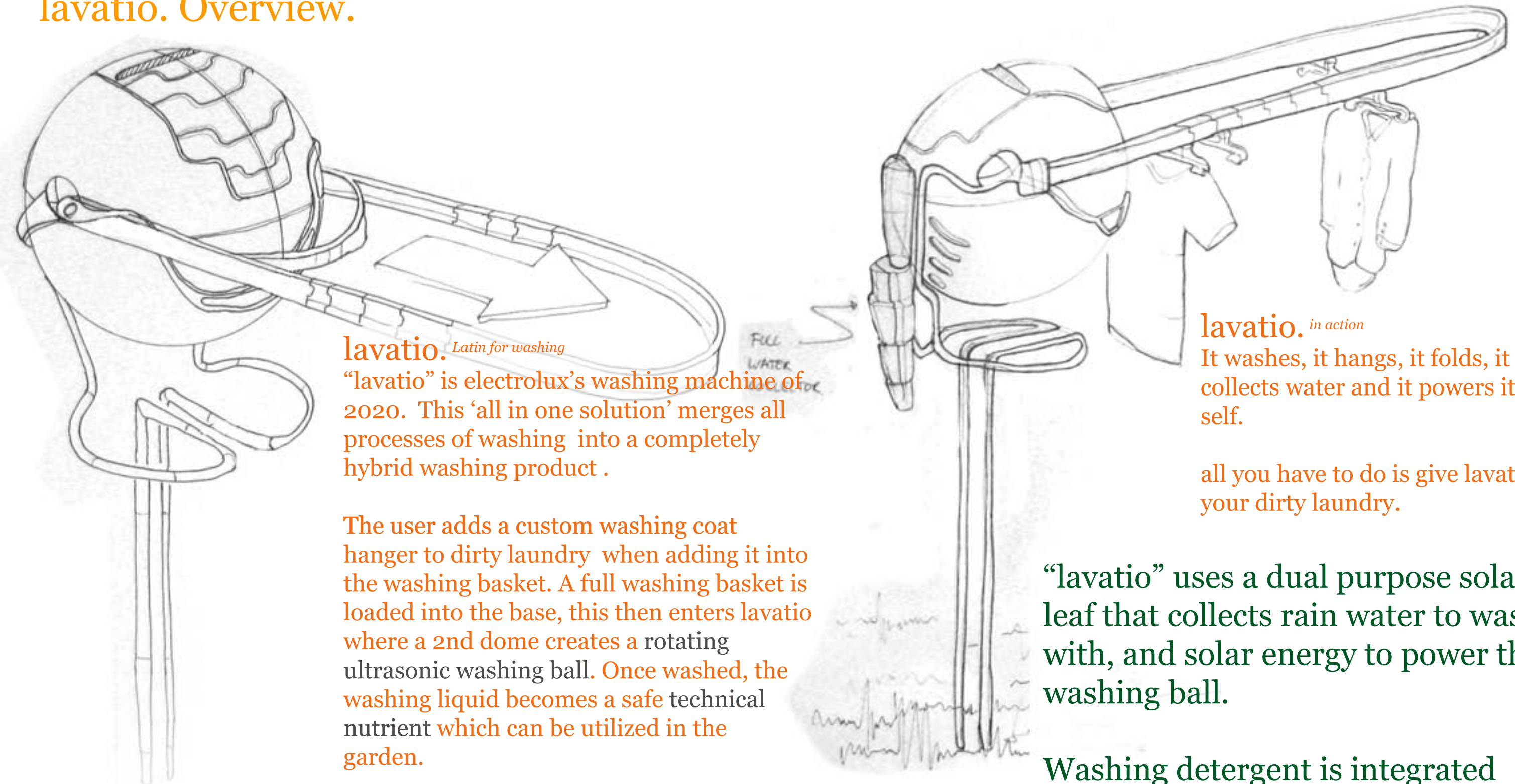


the current method of washing takes at least 9 steps, to get back to in your wardrobe. Here I show the 7 steps in washing, starting with the complicated cycle selection ¹. Sorting colors and types of washing add complexity and multiple loads ²⁺³. The user has an option of 3 types of washing fluid, with multiple brands, with the user never really knowing how much is too much ⁴. While loading the washing machine the user struggles with bending, while loading and unloading wet laundry ⁵. The user has two choices, an old energy hog drying machine, or the washing line, loading the line takes 10 - 20 min..., and takes 30 min.. - 3 hrs to dry⁶. Once line dried, if folded at time of removable washing needs little ironing ⁷.

lavatio

the electrolux washing machine of 2020

lavatio. Overview.



lavatio. *Latin for washing*

“lavatio” is electrolux’s washing machine of 2020. This ‘all in one solution’ merges all processes of washing into a completely hybrid washing product .

The user adds a custom washing coat hanger to dirty laundry when adding it into the washing basket. A full washing basket is loaded into the base, this then enters lavatio where a 2nd dome creates a rotating ultrasonic washing ball. Once washed, the washing liquid becomes a safe technical nutrient which can be utilized in the garden.

lavatio uses electromagnetic mechanical clothes hangers which automatically hang the cloths to dry on the expandable washing line. Once dry, the cloths are folded and reloaded into the basket ready for collection.

lavatio. *in action*

It washes, it hangs, it folds, it collects water and it powers its self.

all you have to do is give lavatio your dirty laundry.

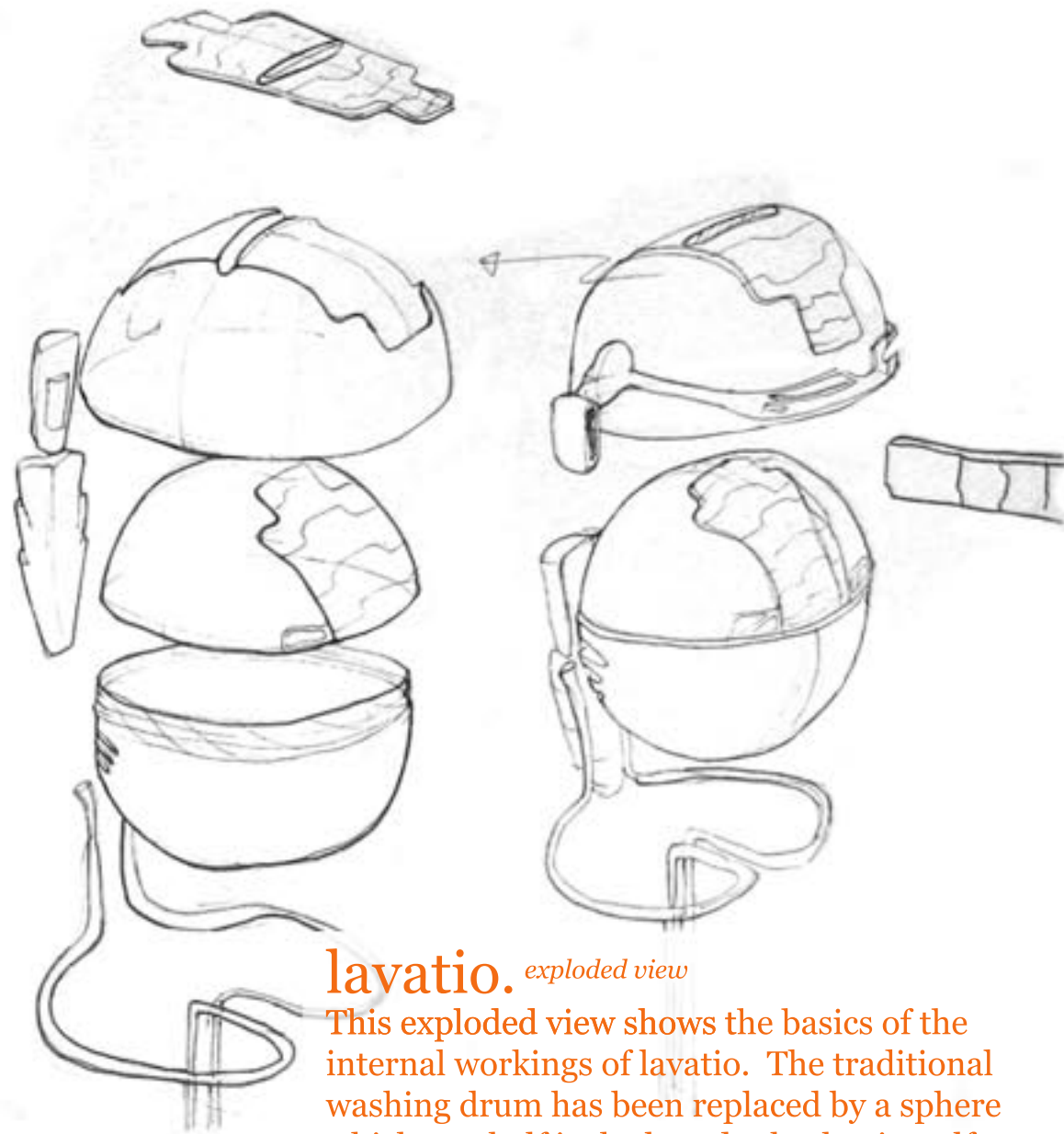
“lavatio” uses a dual purpose solar leaf that collects rain water to wash with, and solar energy to power the washing ball.

Washing detergent is integrated into lavatio, allowing for the correct application. Waste water is designed to be cradle to cradle, and as a biological agent to give nourishment to your garden.

lavatio

the electrolux washing machine of 2020

lavatio. How it works?



lavatio. *exploded view*

This exploded view shows the basics of the internal workings of lavatio. The traditional washing drum has been replaced by a sphere which one half is the laundry basket its self. A ball allows for 360 degrees of washing, allowing for less cycles when integrate with lavatios ultrasonic element.

The top contains the solar leaf that collect energy and stores rain water for washing in the back of lavatio.

When washing is complete the washing line extruds out to the correct length and allows for the laundry to be dried, complete automatically thanks to the electromagentic cleaning hanger.



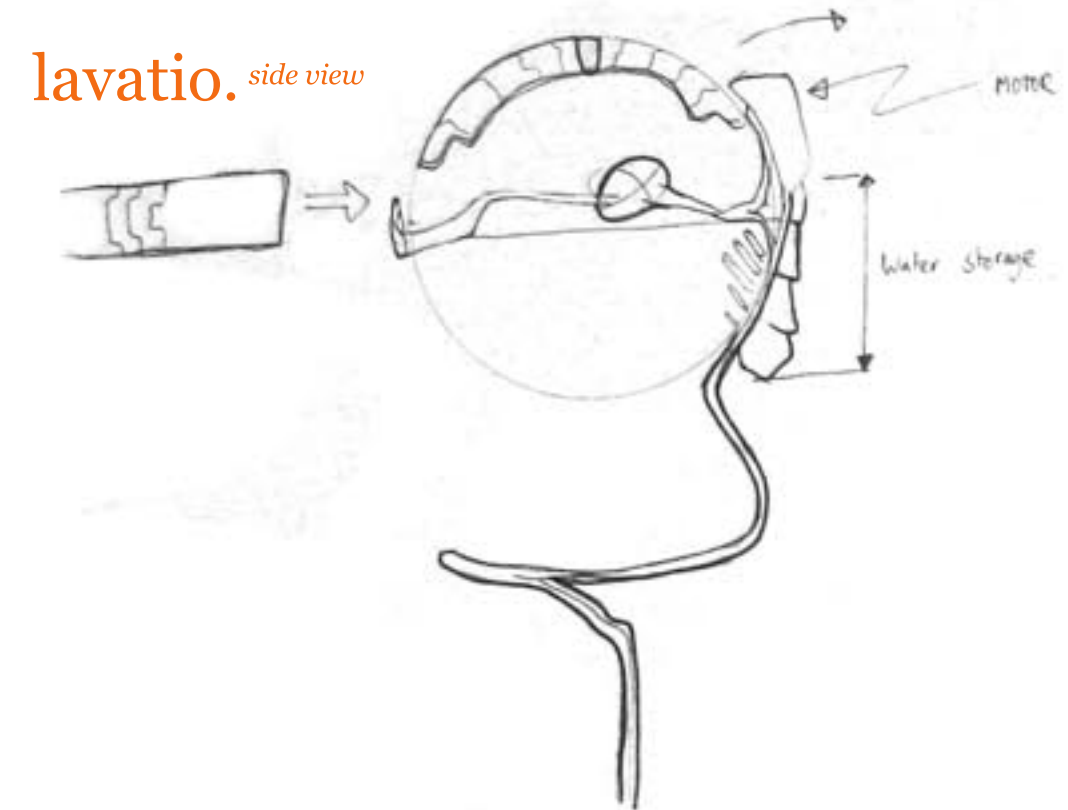
lavatio. *clothes hanger*



lavatio. *clothes basket / drum*

Washing in 3 steps.

1. Add a lavatio clothes hanger to dirt cloths when adding it to lavatio.
2. Place the full washing basket into lavatio.
3. Collect your laundry, ready to be hung back in your wardrobe, with little or no ironing needed.



lavatio. *ready to hang the washing*

