

Bi-Oleum

Ecological remediation of household Used Cooking Oil (UCO)
Bi-Oleum

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Project Information (EN)

94% of European households throw UCO down the sink generating catastrophic environmental impact. The most disruptive being the effect on aquatic ecosystems and fat-berg sewer blockages. Bi-Oleum is an affordable easy-to-use household kit that attempts to solve this issue. It incorporates a non-pathogenic bacterial strain to bioremediate and remove domestic UCO, producing a clean output. This project challenges current human behaviours by incorporating a living, unharmful bacteria into our daily lives to achieve a sustainable biodesigned solution.

Image List

Filename	Caption	Credit
cover-image-v2_1662043579.jpg	Bioleum household kit	Paul Cochrane
220608-biodesign-1737_1662043586.jpg		Paul Cochrane
uco-3_1662043423.jpg	oil, water, soap, food colorant and light	Magali Mendez
vhx-000638_1662042719.jpg	Microscopic image of Used Cooking Oil	Magali Mendez
vhx-000611_1662043186.jpg	Microscopic image of Used Cooking Oil	

The images above are included in the ZIP under /images.