

# How can we repurpose nylon hosiery waste?

Zsófia Antalóczy x MOME IC



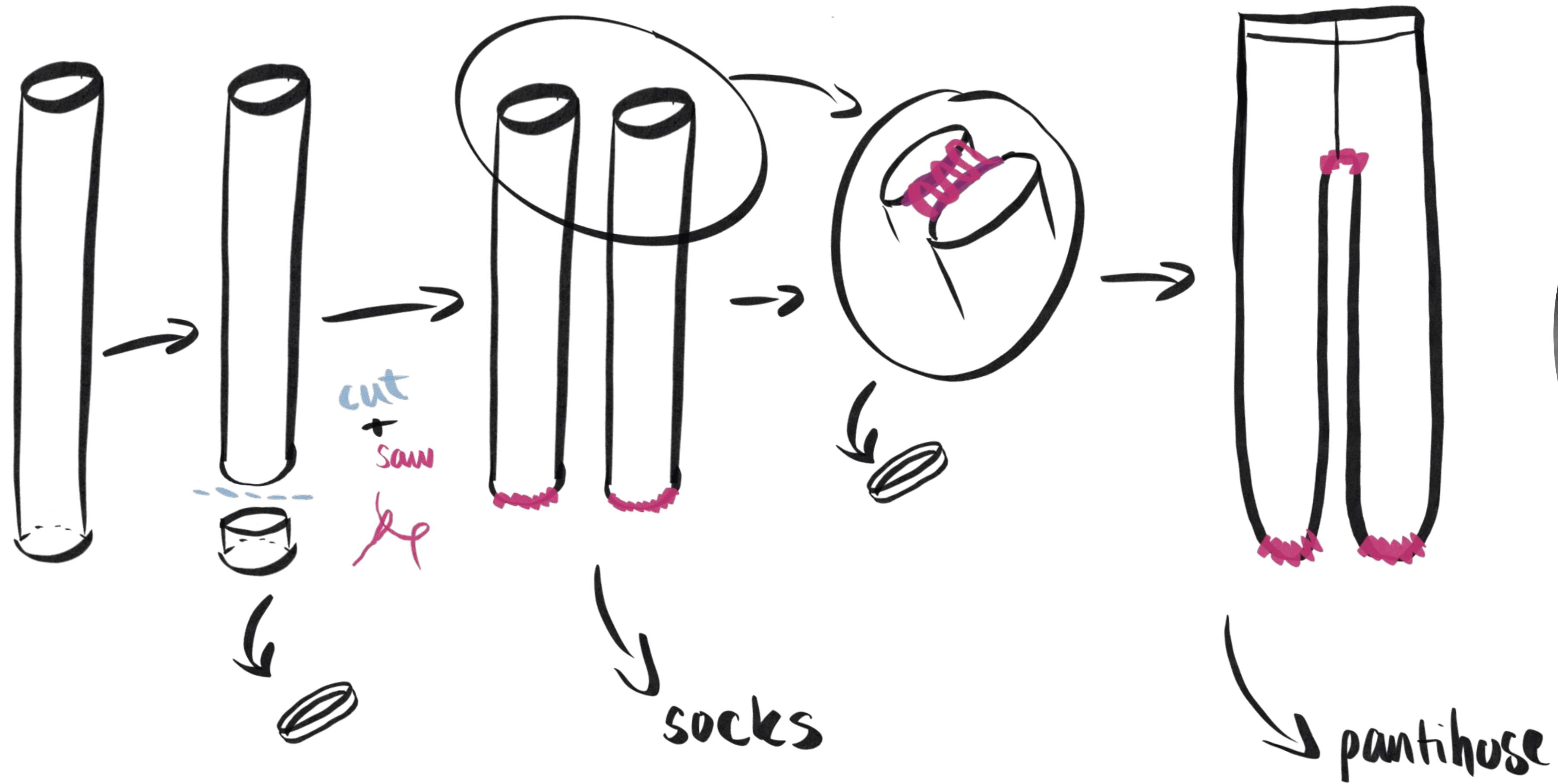


- EU regulations: textile waste→ reuse, recycle
- Circular Economy Action Plan: sustainable product is the norm, resources remain in the economy

‘by 2025, the preparing for re-use and the recycling of municipal waste shall be increased to a minimum of 55 %’

-EC,Waste Framework Directive









# **1-2 tons of waste/month**

in the investigated factoryfactory

highly durable, UV resistant, food safe and  
resistant to high heat





**200 °C**  
**30 sec**

**250 °C**

**270 °C**

**250 °C**  
**30 sec**

**Refiberised form**

**Heat pressing**





**above 5 cm**

**Vacuum molding**



**below 5 cm**







# CAMPING

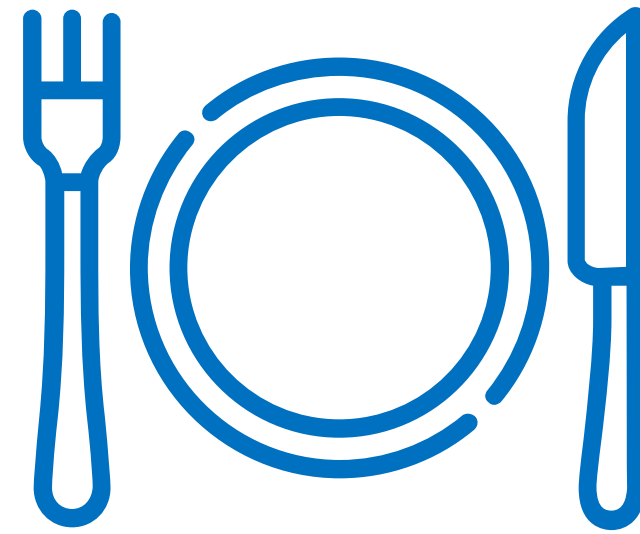




# What does a hiker need in the wild?



light



food



drink





**lamp**

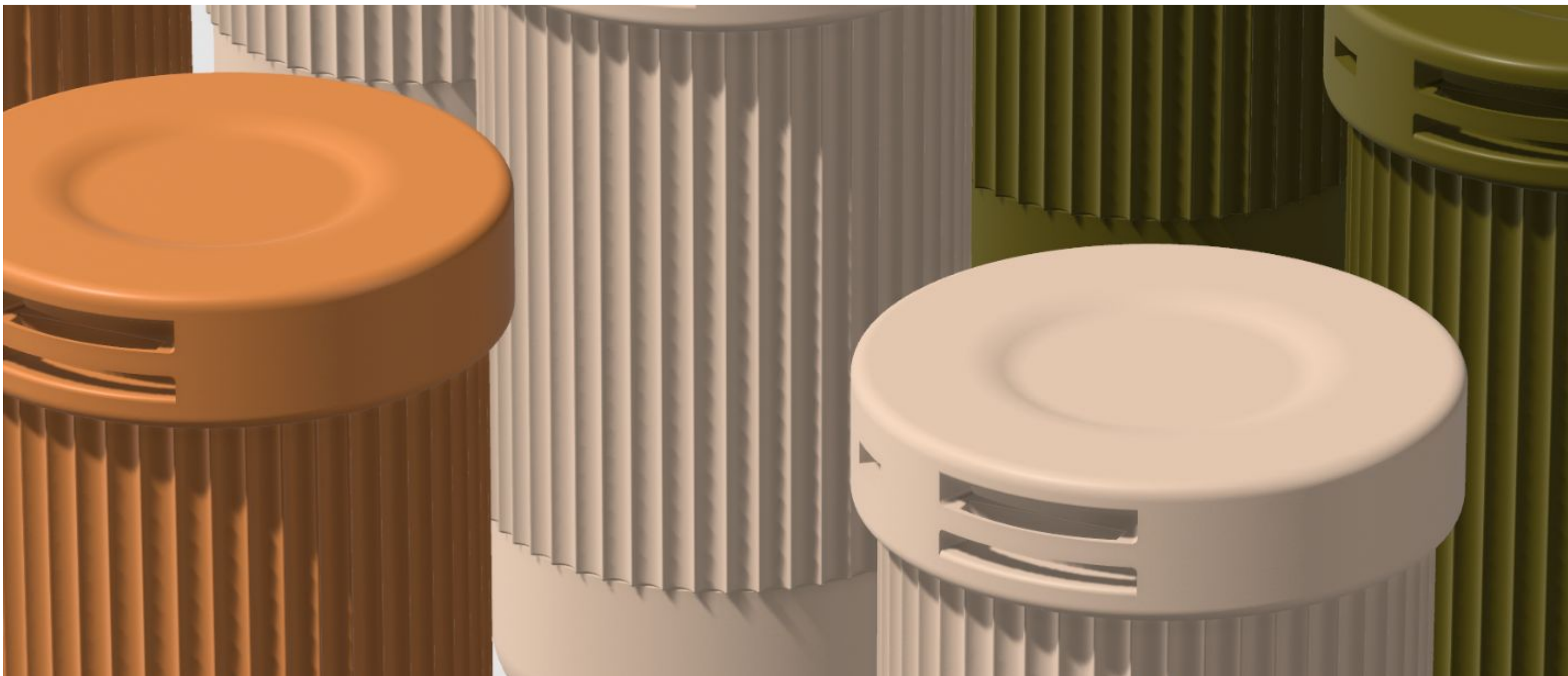


**cup/bowl**

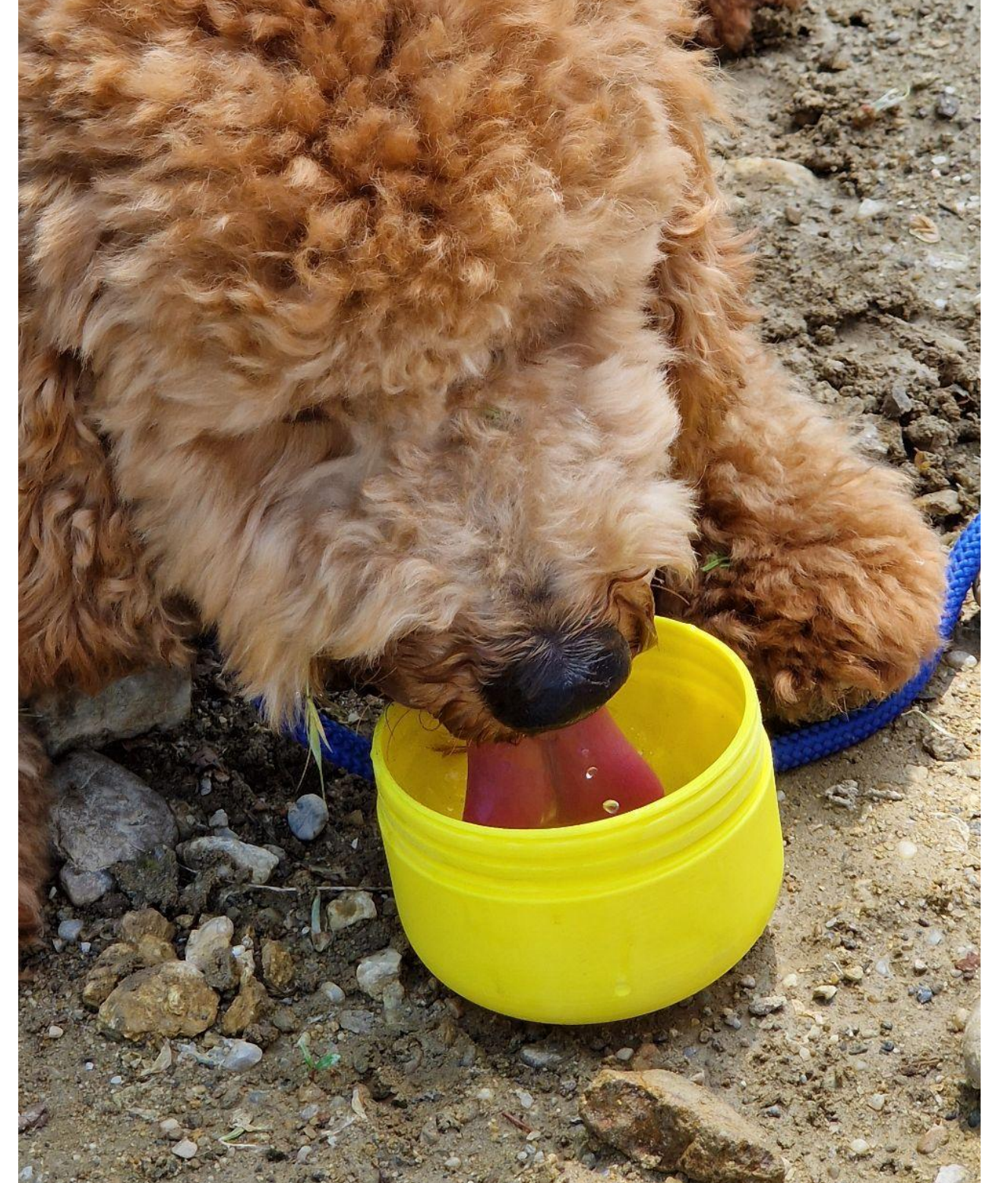


**snack bowl/dog  
bowl**

















**granulated material**



**product**





**Design OF the future is not the  
same as Design FOR the future**

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