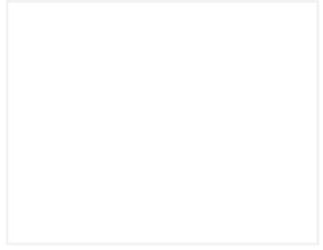


FLAG action related to the
circular economy

Fil&Fab Project, France

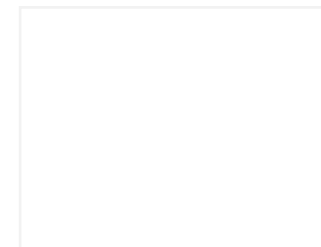
Richard Freeman

FARNET Support Unit/ AEIDL



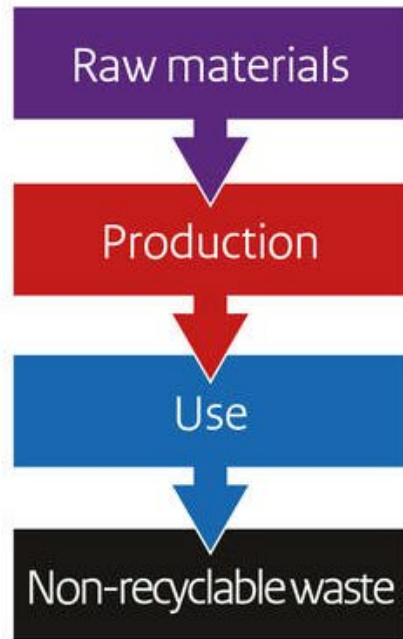
Estimates suggest that between 80 and 99% of new products are no longer in use six months after being produced.¹

¹Girling, R (2005) Rubbish!

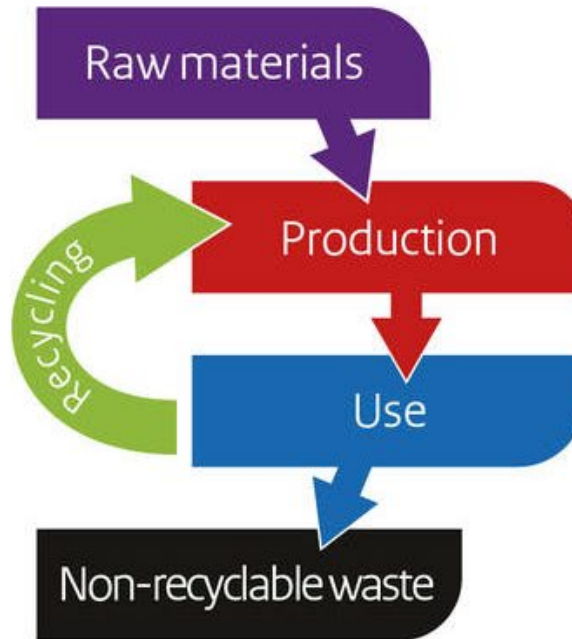


*The **circular economy** aims to move closer to the **circular processes** in nature whereby waste from one species is broken down and **used by others***

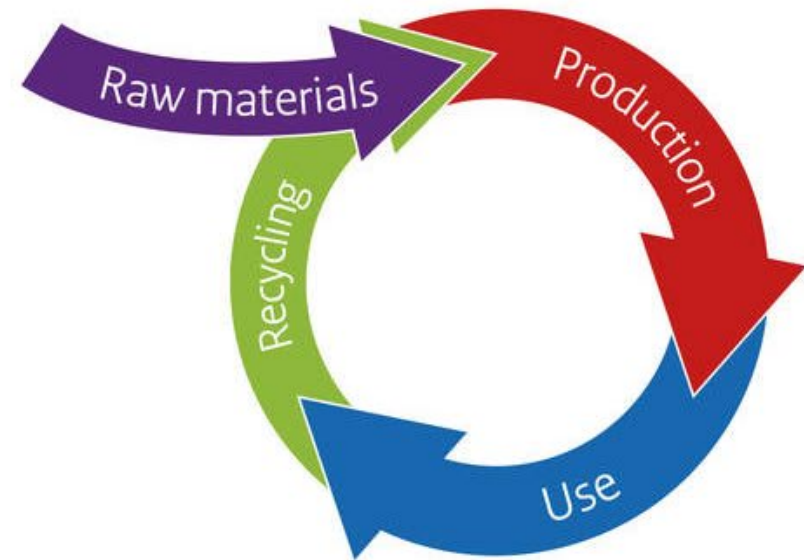
Linear economy

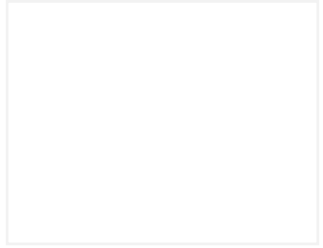


Reuse economy



Circular economy





- *Fishing net recycling ecosystem*
- *Started as a project by three design students*
- *FLAG-funded (EMFF: €70 140)*
- *Recycles old fishing nets to make a series of new products*

FIL&FAB

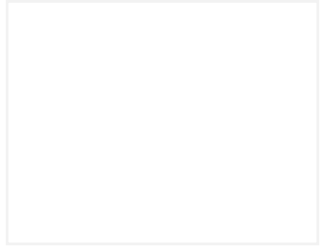
BREST

- *Fishing net recycling ecosystem*
- *Started as a project by three design students*
- *FLAG-funded (EMFF: €70 140)*
- *Recycles old fishing nets to make a series of new products*



"From the idea of making recycled objects, we ended up creating a network to regenerate the local area"

The Fil&Fab vision:



- *Tackle ecological issues and protect the marine environment.*
- *Increase the areas capacity to provide solutions on their own scale.*
- *To do this through a network of local actors.*



PORTS OF THE SECTOR

Port of Conquet - 30t / year

Port of Roscoff - 110 t / year (2021)

Port of Ile de Batz - 5t / year

Port of Douarnenez - 5t / year (2021)

Port of Audierne - 20t / year (2021)

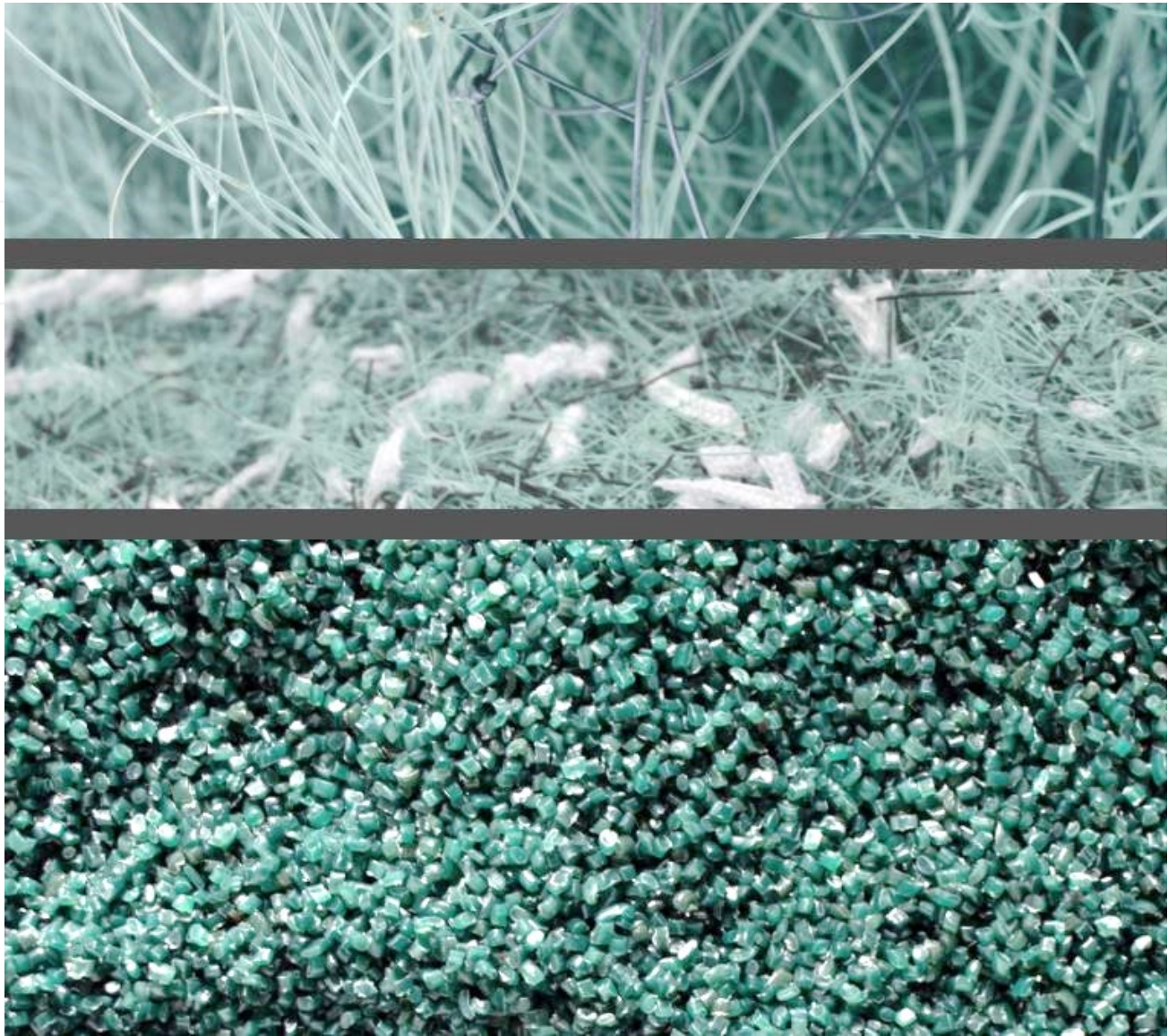
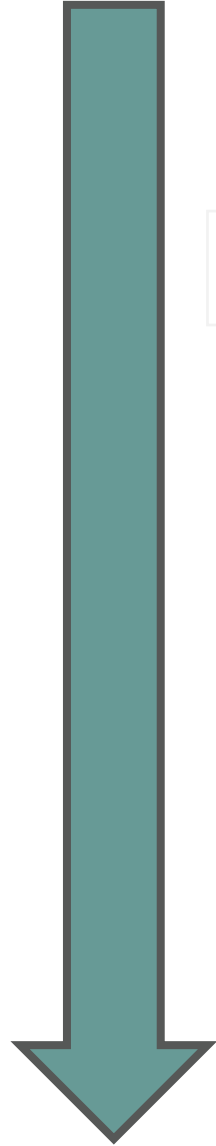
Port of Camaret-sur-Mer - 1t / year



Used fishing nets

Cleaned/Shredded

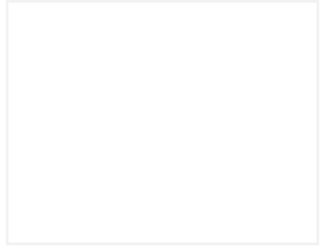
Nylo[®]



Nylo®



- *Made from 100% fishing nets*
- *Polyamide granules*
- *No dyes or additives*
- *Can be used for several new products*



" Good product design considers the entire product life cycle and reduces the need for additional raw materials."

"Recyclability must be considered at the design stage to reduce environmental impacts."

Thanks!

Richard Freeman

FARNET Support Unit/ AEIDL