



circular  
ocean



# **Waste Fishing Nets and Eco-innovation**

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UCA  
UK

**640,000**

The Causes of Ghost Fishing Gear		
Category	Root Cause	Remedial Action
<b>Abandoned</b> (deliberate non-retrieval)	Illegal, Unreported and Unregulated fishing (IUU)	Enforcement pressure
	Illegal gear	
	Too much gear for time	Operational pressure
<b>Discarded</b> (deliberate disposal at sea)	Too much gear for space	Economic pressure
	Chosen over onshore disposal	
	Damaged gear	
<b>Lost</b> (accidental loss at sea)	Gear conflict	Spatial pressure
	Misplaced gear	
	Poor ground	Environmental pressure
	Extreme weather/strong currents	

Source: MacFadyen, G. Huntington, T & Cappell R. (2009) 'Abandoned, lost or otherwise discarded fishing gear'. UNEP Regional Seas Reports and Studies, No. 185; FAO Fisheries and Aquaculture Technical Paper, No 523. Rome UNEP/FAO









The logo consists of a thick, dark blue circular arc that curves from the bottom left towards the top right. Inside the circle, the words "GLOBAL GHOST GEAR INITIATIVE" are written in a bold, sans-serif font, all in capital letters.

**GLOBAL  
GHOST GEAR  
INITIATIVE**

The background of the image is a dark, textured blue, representing the deep ocean. In the upper right corner, there is a cluster of white, irregular shapes that look like plastic debris or trash floating in the water. The overall mood is somber and highlights the issue of ocean pollution.

Parley for the Oceans

**HEALTHY**

a journey from waste to wear



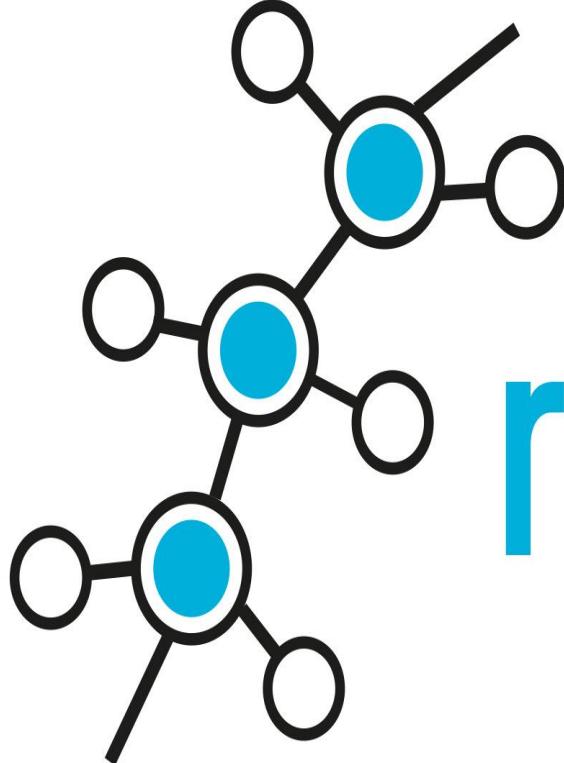
**SEAS<sup>®</sup>**

A collage of images depicting maritime activity. In the top left, two men in dark clothing and hats are on a boat deck. In the center, a close-up shows a person's hands working with a fishing net. In the bottom right, a wide shot shows a boat deck covered in discarded plastic waste, with the ocean and sky in the background.

# UPCYCLING THE OCEANS

THE





reTRAWL  
eco-innovation



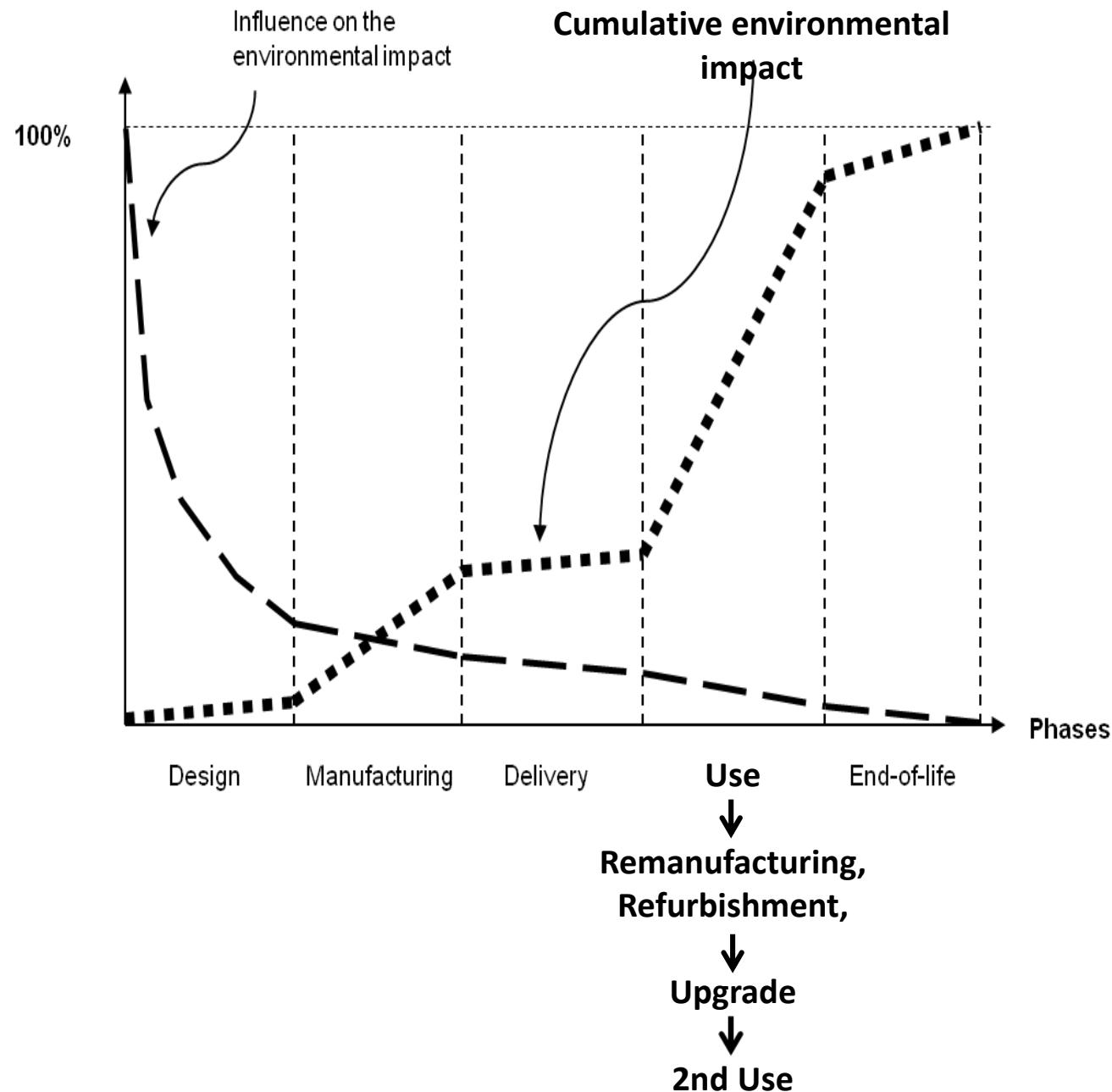


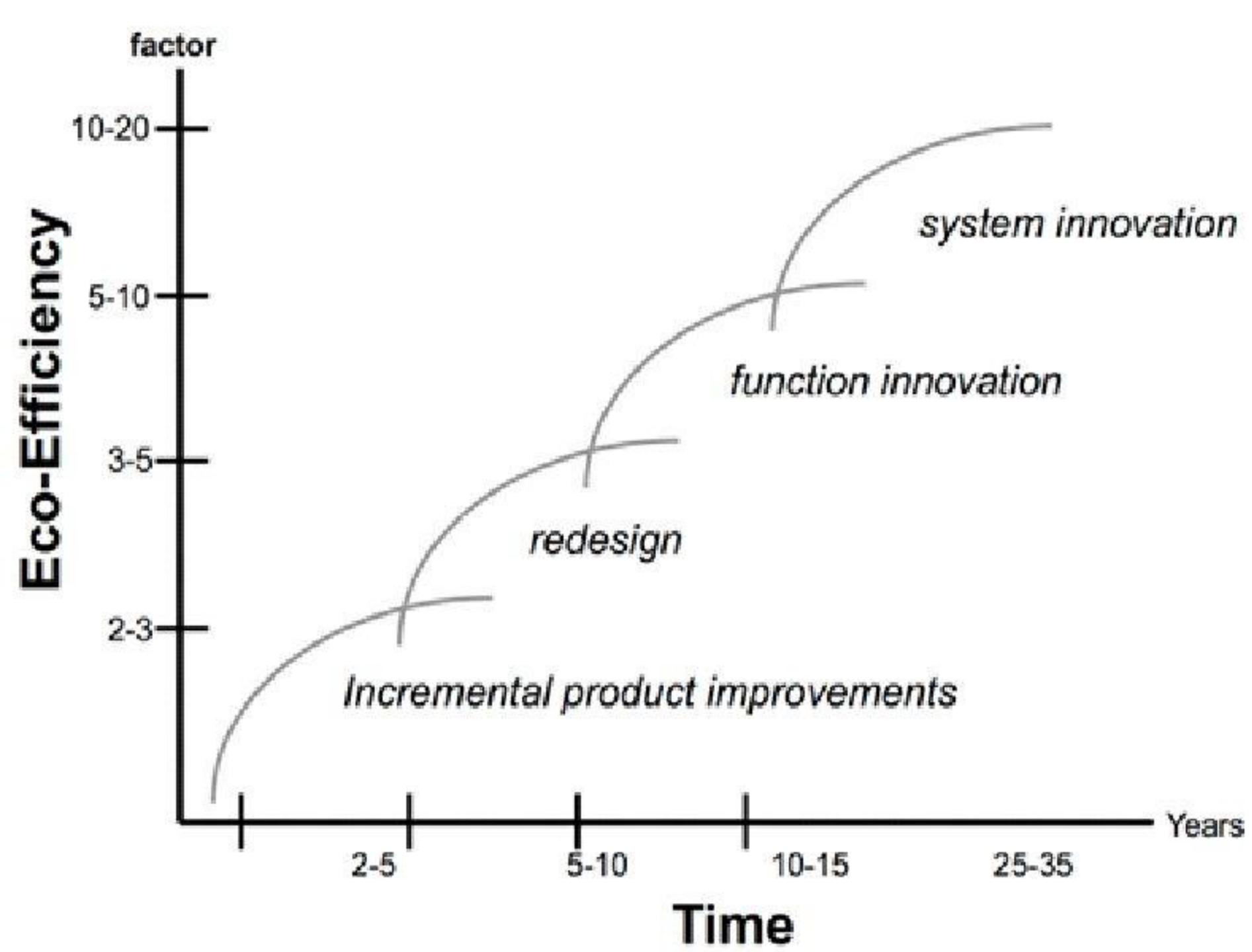




TIP







RE-COMMERCIALIZATION

WORLD-WIDE NYLON 6  
WASTE RESCUE



TRANSFORMATION INTO  
ECONYL® NYLON YARN

ECONYL®  
REGENERATION PLANT







**ECOALF**

[www.ecoalf.com](http://www.ecoalf.com)



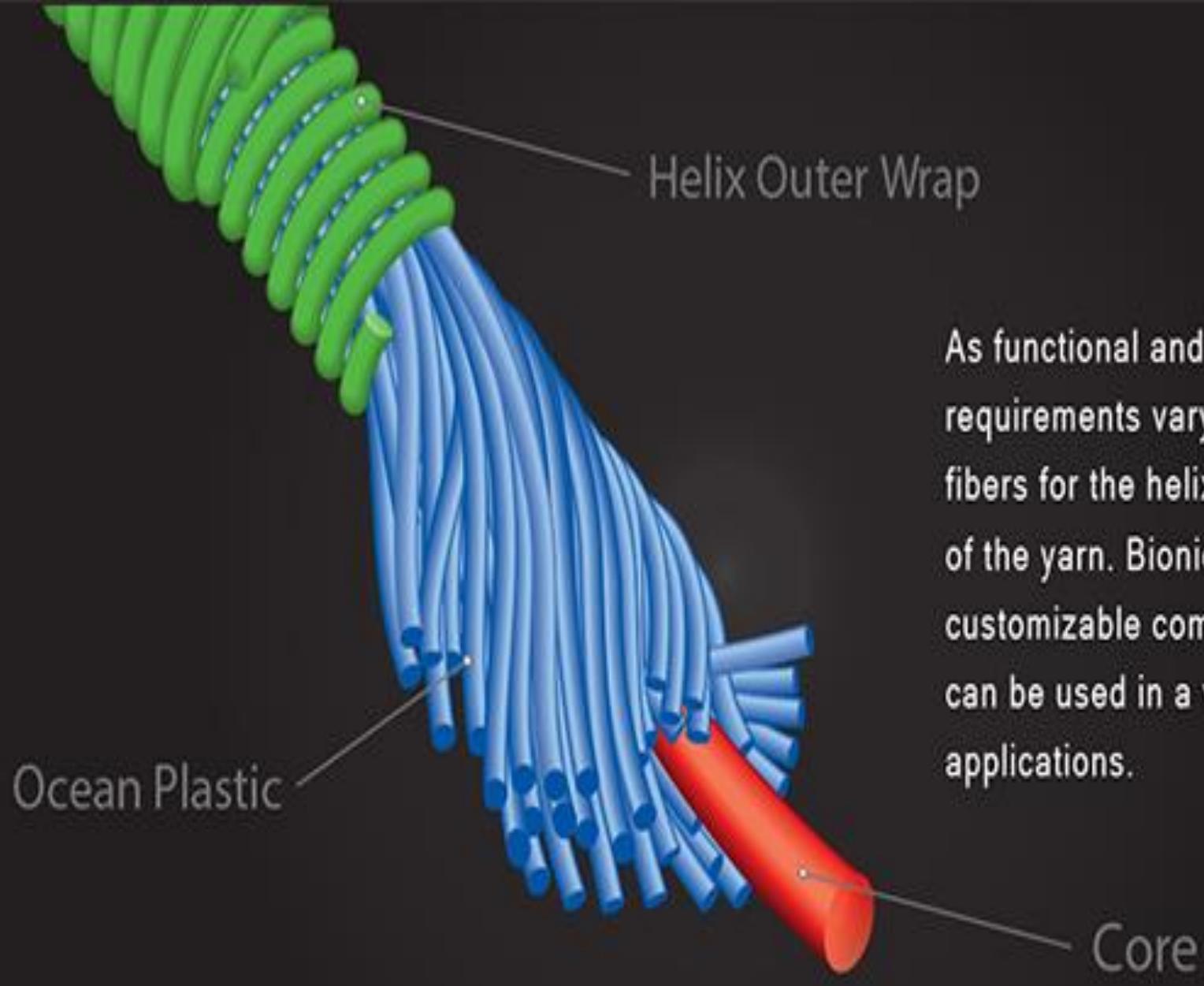
LET'S TURN  
OCEAN  
PLASTIC  
INTO SOMETHING  
FANTASTIC



G-BIONIC

G-STAR RAW

PARLEY



Helix Outer Wrap

Ocean Plastic

As functional and aesthetic requirements vary, so do the fibers for the helix and Core of the yarn. Bionic yarns contain customizable components that can be used in a variety of applications.

Core





RESOURCE  
275/14

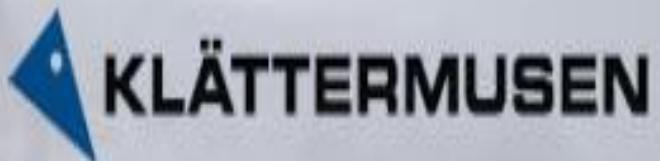




cyclepond

RECYCLED AND RECLAIMED FABRIC FROM COMMERCIAL FISHING NET







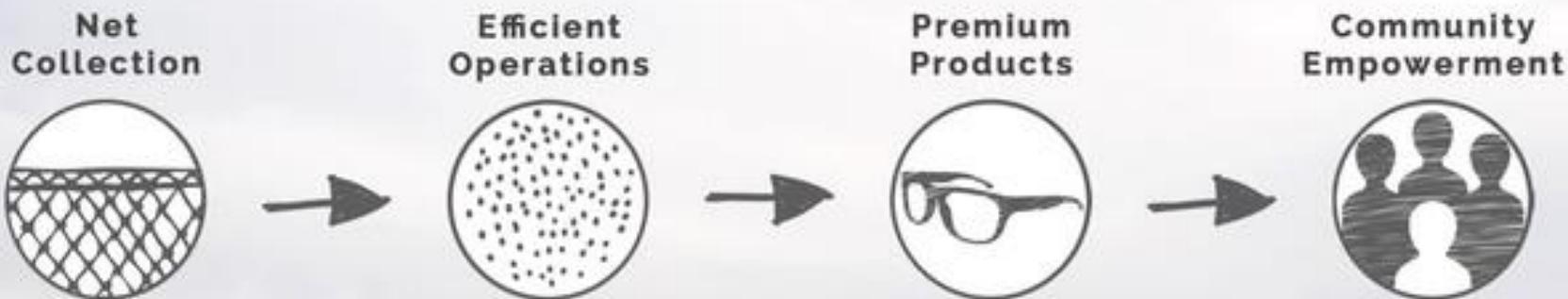
HARANA  
VARIADAS

bureo  
SKATEBOARDS FOR PLASTIC-FREE OCEANS



# BURCO NET+POSITIVA

A net positive solution to prevent ocean plastics



Discarded nets are collected to prevent a harmful form of ocean plastics by working directly with low-income fishing communities to create jobs and improve waste management.

Nets are recycled in Santiago through a zero solid waste process which results in an estimated 70% reduction in greenhouse gas emissions in comparison to virgin plastics.

Premium products are manufactured to ensure a long life where they can then be returned to be recycled again for a fully closed loop system.

A portion of the funds from the sale of each product are used to support coastal communities that are most affected by these forms of waste for a truly net positive impact.

A wide-angle photograph of a sunset over a body of water. The sky is filled with large, billowing clouds colored in shades of orange, yellow, and dark blue. In the foreground, the dark silhouette of several traditional wooden boats with tall, curved bows (proa) is reflected in the water. One boat in the center has a person standing on it. The overall atmosphere is serene and suggests a tropical or island setting.

Interface® | ZSL

LIVING CONVERSATIONS

NET-WORKS™



# ECOMIND



# DIBS



# Eco-innovate!

A guide to eco-innovation  
for SMEs and business coaches





JRC SCIENCE FOR POLICY REPORT

2035

## Paths towards a sustainable EU economy

Sustainable transitions and the potential of eco-innovation for  
jobs and economic development in EU eco-industries 2035

Foresight Series

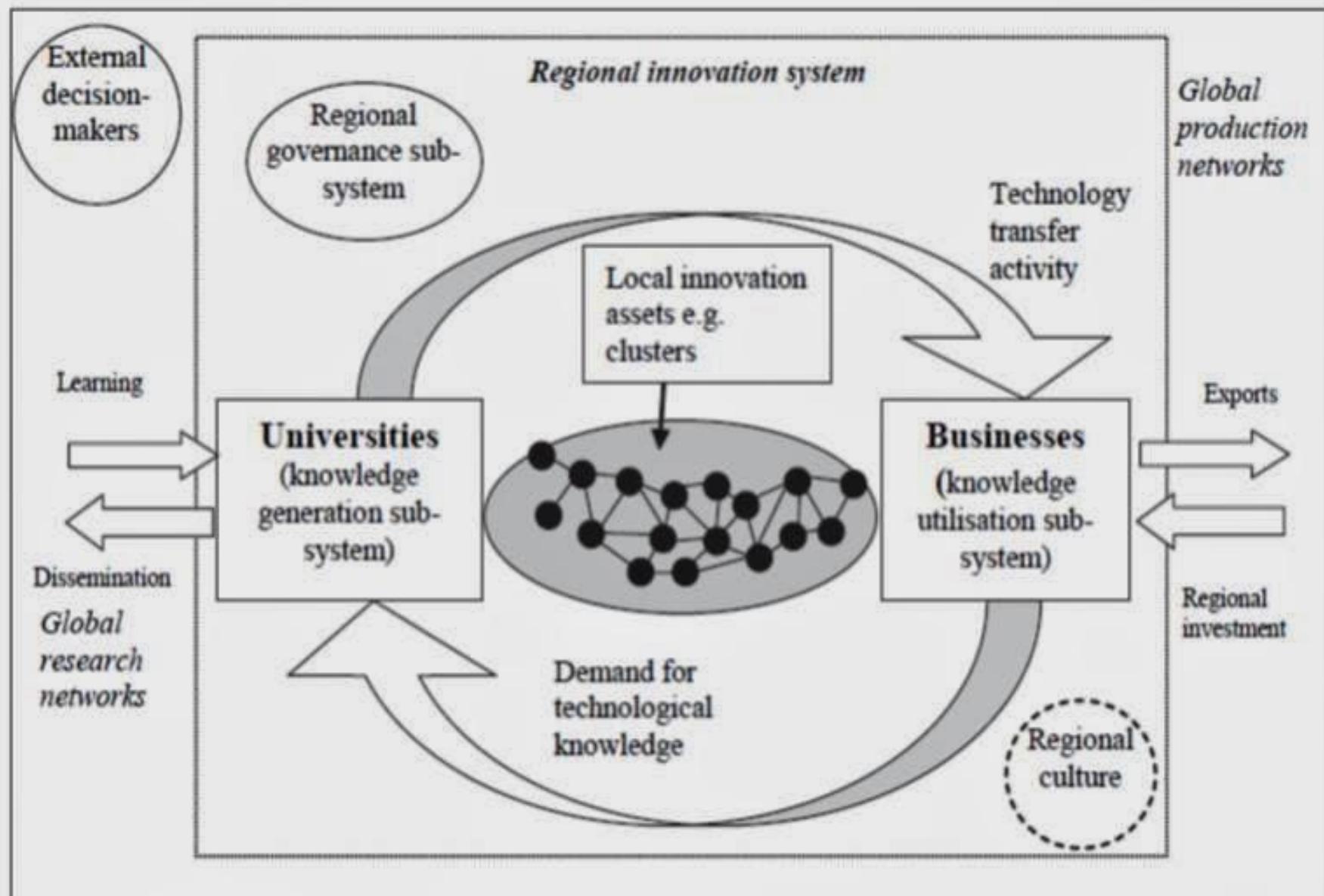
Laurent Bontoux  
Daniel Bengtsson

2015



- Re-Industrialisation 1.0
- Decentralisation
- Low Carbon
- Circular

## AN IDEAL-TYPE REGIONAL INNOVATION SYSTEM



Source: in OECD (2008) after Cooke & Piccaluga, 2004<sup>10</sup>

A photograph of a powerful ocean wave crashing towards the shore. The wave is white and frothy, contrasting with the deep blue of the surrounding water. The background shows a bright, clear sky with a few wispy clouds.

CREATE  
YOUR  
FUTURE



# THE NEW INDUSTRIAL REVOLUTION

## CHRIS ANDERSON

*Author of the bestseller *The Long Tail**

http://www.



YouTube

# web 2.0





Story

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254k



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Link



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Harvesting honey is easier on the beekeeper and so much easier on the bees.

InDemand

**\$12,487,207** USD

total funds raised



Original campaign was 17,385% funded on April 19, 2015

**CONTRIBUTE NOW**

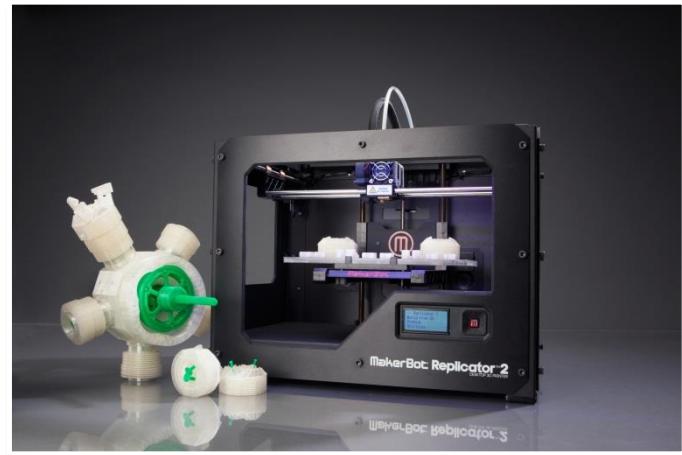
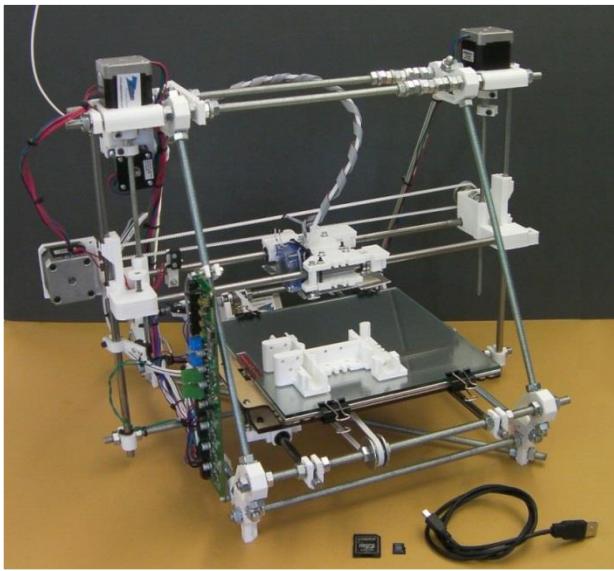
Do you think this campaign contains prohibited content? Let us know.





# 3D Printing

RepRap



**MakerBot  
INDUSTRIES**

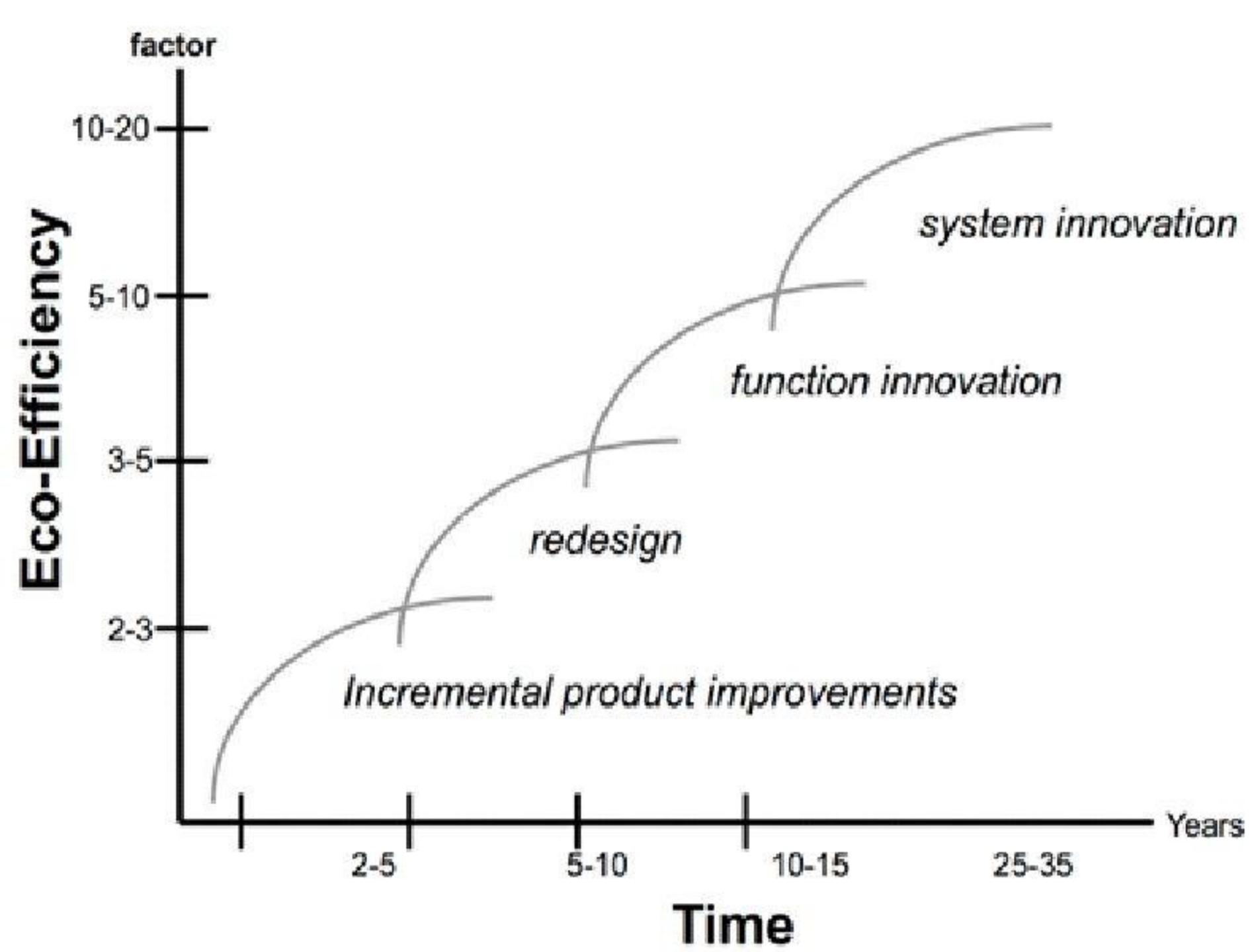


# LOCAL 3D PRINTING

Connecting you to **26,430** 3D printing service providers

[BROWSE LOCAL PRINTERS](#)[HOW IT WORKS](#)





# CIRCULAR ECONOMY BUSINESS MODEL

An organization's chosen system of interconnected and inter-dependent decisions and activities that determines how it creates, delivers and captures value over the short, medium and long term that enables the sustainable management of resources in products and services, and product-services

Source: Adapted from BS8001 – draft guidelines

# BUSINESS MODEL TYPES

- On demand
- Digitization
- Product life-cycle extension / re-use
- Remanufacture and manufacture from secondary materials
- Product as a service / Product Service System
- Sharing economy and collaborative consumption

# WP3 (WPT1) Green Enterprise and Business Engagement

## Tasks

- **Feasibility Study**
- **Facilitating Eco-innovation**
- **Encouraging Eco-innovation**
- **Eco-innovation Network Development**
- **Eco-innovation Toolkit Development**
- **Eco-innovation Capacity Building**



© IVAR HAGENDOORN

A man wearing a bright orange-red puffy jacket with several patches and holes on the left shoulder and arm is working in a workshop. He is focused on a task on a workbench, surrounded by various tools and equipment. The background shows shelves filled with wooden planks and other workshop details.

**Every patch is a memory,  
every tear has a tale.  
These are the stories we wear.**





# Contact Details

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