

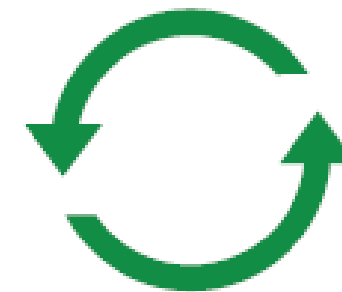
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# An Introduction to our Circular Economy Project

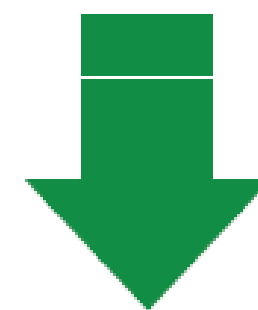
Spain, 2021



**RECYCLE**



**REUSE**



**REDUCE**



**REPEAT**



# Quinorgan

## Our environmental commitment



Defining the circular economy

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Circular economy vs linear economy

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Our circular economy

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How do we run the project?

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Example

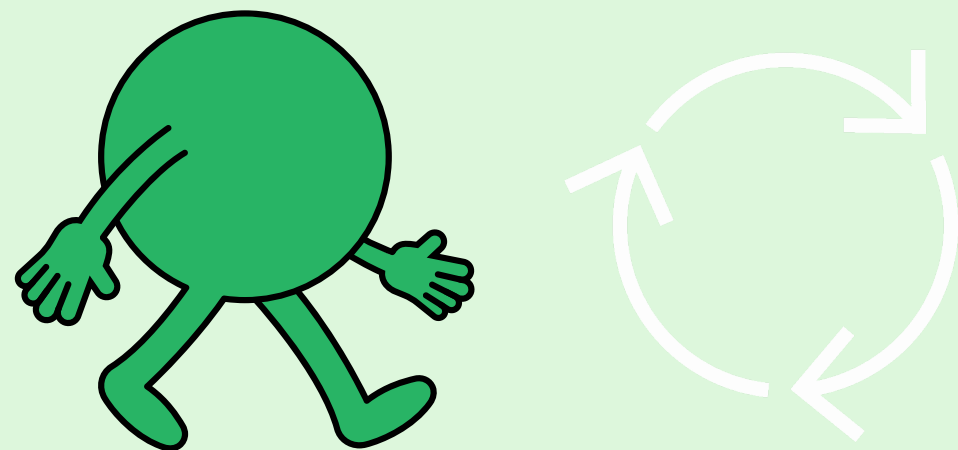
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Questions

# What is a circular economy?

There are some definitions about this concept but we like the approach that says:

"A circular economy (often referred to simply as "circularity") is an economic system aimed at minimising waste, maximise resources and keep products and materials circulating in a high-value state of use. This regenerative approach is in contrast to the traditional linear economy, which has a 'take,make,waste' model of production.



# Circular Economy cycle

- Close-loop system.
- AIMS to produce 0 waste.
- The resources became more valuable.



Products are designed and optimized for a cycle of disassembly and reuse.

# Linear Economy cycle

- Hazardous for the environment(**waste generation**).
- Excessive & irresponsible use of resources(**scarcity**)
- Unsustainable over time(**climate change**).



# Our circular economy project

## Recycling plant

### WHAT WE DO

- We recover the SCRAP (15% to 22% of the material) re-used without losing its original properties.

### WHAT WE ACHIEVE

- Reduction 15% of raw material for new production processes.
- Carbon footprint reduction



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# How do we run the project?

## Recycling plant-Levante subsidiary (ASPE, Spain)

For a better control, we currently have our own recycling plant to treat the waste generated from the manipulation of toe-puffs and counters. In this way, we achieve a closed cycle of self-supply by reusing the waste of our own materials in new productions of high-quality materials.

# Recovering scrap from our own products

## STEP 1: SCRAP IN YOUR FACTORY

Quinorgan scrap from our clients is collected and kept in bulk bag. Afterwards, our truck collect it.



## STEP 2: SCRAP IN QUINORGAN

Scrap is cleaned and cut into small pieces to make sure there isn't any waste/dust mixed up.



# Recovering scrap from our own products

## STEP 3: SCRAP IN QUINORGAN

With extrusion machine, we produce new material in pellet form.



## STEP 4: From scrap to new material

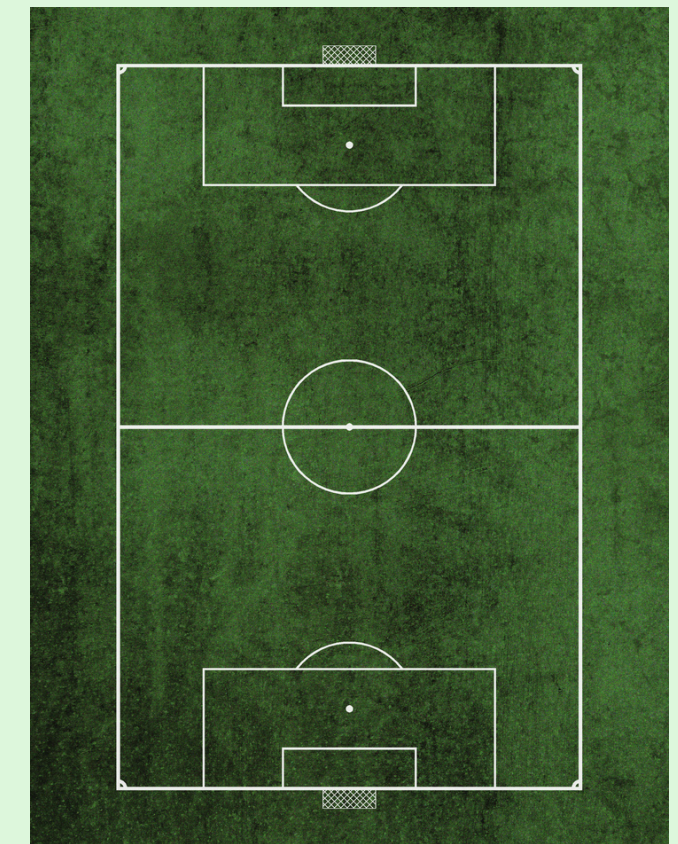
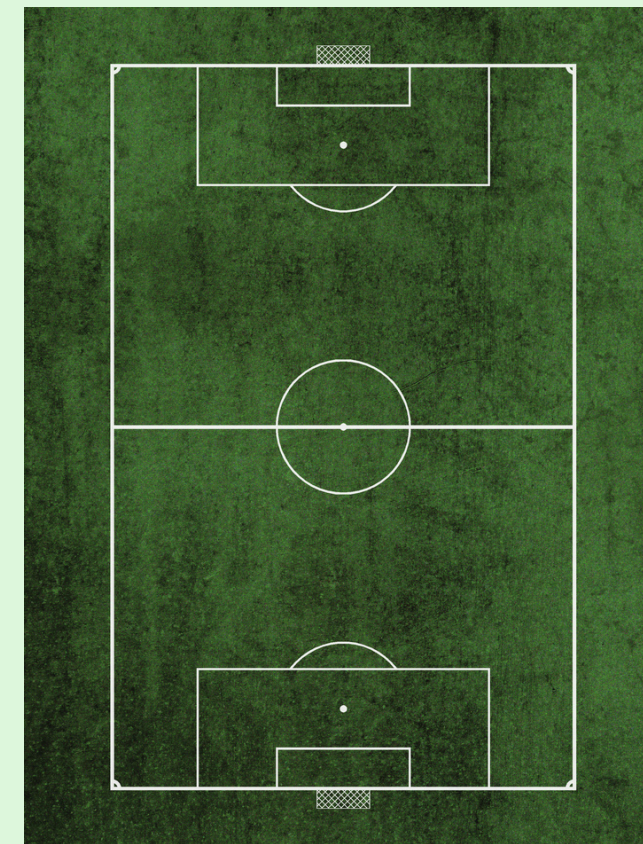
Once we have it in pellets we reuse them to create new materials.



# In other words...

- For each sheet: 0,30x1,10mts(0,33m<sup>2</sup>) are thrown away
- 1Milion pairs of shoes= 12.000m<sup>2</sup> of toe-puffs/counters of waste
- Standard football field size: 64 x 100mts (6400m<sup>2</sup>).
- With the scrap from 1Milion pairs of shoes we can cover the surface of **2 football fields**.

The production of 10Milions pair of shoes generates 70.000m<sup>2</sup> of scrap (70Tns of raw material)



“  
If nature uses the earth  
itself to automatically  
recycle everything, we as  
Quinorgan will not be less  
and we will contribute our  
bit in this process”



Danke

Grazie

ありがとうございました

Merci

谢谢

Tak

धन्यवाद

شكرا

Bedankt

Obrigado

Gracias

Cám ơn!

Спасиби

teşekkür ederim

감사합니다

Thank you

Gràcies

ขอขอบคุณ

Спасибо