

 V CICLO DE
ECONOMÍA CIRCULAR
EL SECTOR INDUSTRIAL HACIA LA CIRCULARIDAD

Humara: Design better waste management and recycling plants, faster.

Laura Rodríguez

By 2050 we will need **three planets.**



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Only 8.6% of our resources are circular.



PROBLEM

We need more and better waste management and recycling plants.

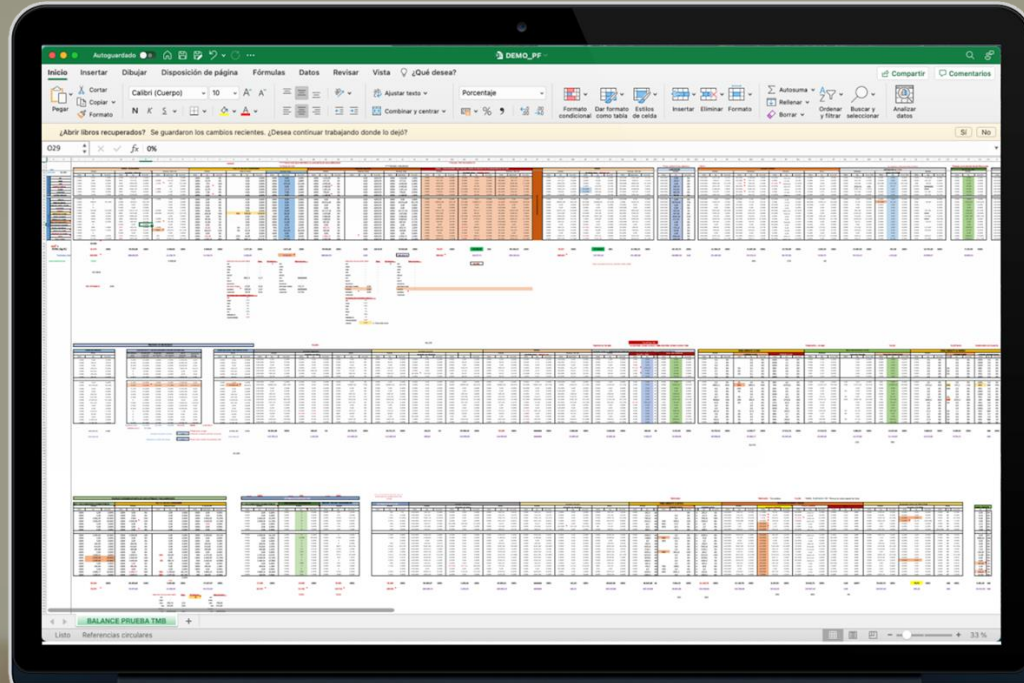
In the EU alone, we need to increase the number of number of plants by 530%.

Europe was expected to reach a 50% recycling rate by 2020, but only achieved 30%.

Every single member state is already behind.

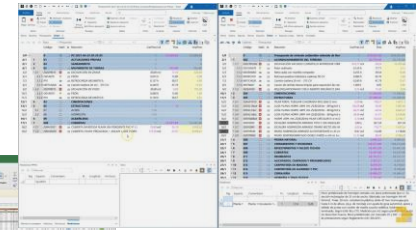
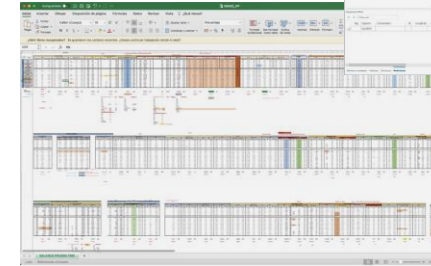
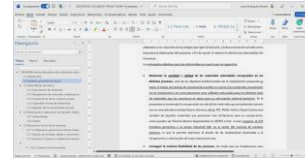
Problem

This is how designing a plant looks like.





Designing & Operating waste management plants today is still a **highly inefficient and manual process** prone to errors.



Everyone designs multimillion-dollar projects using a mix of **extensive spreadsheets and outdated databases.**

Many repetitive calculations are non-automatable, leading to a slow, error-prone process, causing significant **delays in decision making.**

The use of various programs (like Autocad, Excel, Word, Revit, Solidworks, Presto, MS Project, etc.) complicates the **creation of collaborative environments.**

The pace of public tenders **reduces the quality of proposals.** Engineering teams lack time to focus on fundamental aspects.



Humara Design® is a cutting-edge SaaS tool developed to optimize the design and layout of waste treatment plants.

Through intelligent simulations tailored to individual waste characterizations, **it allows for quick and precise parameter calculations.**



SOLUTION

Design better plants, faster.

Without Humara Design

3 PEOPLE
4 WEEKS

With Humara Design

1 PERSON
4 HOURS

SOLUTION

Design better plants, faster.



Cost reduction

70%



CAPEX Savings

20%



CO2 Footprint
Reduction

30%

MARKET

A 1 trillion dollar market, growing 7% annually.

Waste
managers and
recyclers

Construction
companies



Engineering
and consultancy
companies

Public
Administrations



An incredible team of 8 people.

+32 years of industrial experience.

Co-founders previously designed and built some of the largest waste plants in Europe.

TRACTION

Trusted by industry leaders.



STADLER



+82 designed plants

+65.000 engineering hours saved

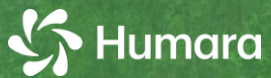
Terraforming Mars





Terraforming ~~Mars~~ Earth

no
time
to



find more information at: humara.tech
request a live demo at: hello@humara.tech

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waste