

# (Beyond the) RECOVER project

Acceleration Sustainable Construction Materials  
Applications Event IV

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# Here is RECOVER!



See more: [recover.technology](http://recover.technology)

# Here is RECOVER!

We adjust the process that creates the residues

And we have a new cement-like material

That leads to a functional building element

And there is no trap, trick, small letters or magic

We do it in front of your eyes

# Raw materials?



Reserves landfilled: >100 Mtons, in more locations not listed above

# Exceptional performance, upscaled



2015



2016



2018

No Ordinary Portland Cement used



# Made with Extraordinary Leuven Cement!

Called ELCE

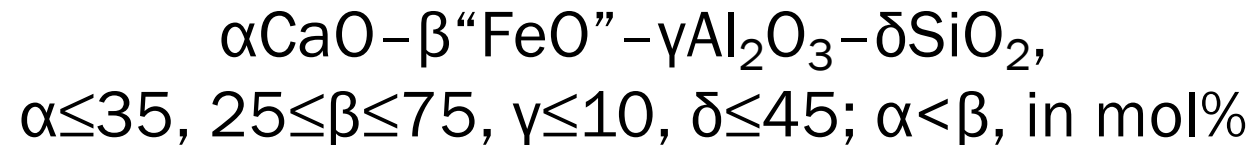
Can give similar  
mechanical  
properties

Made with the  
5 most abundant  
elements

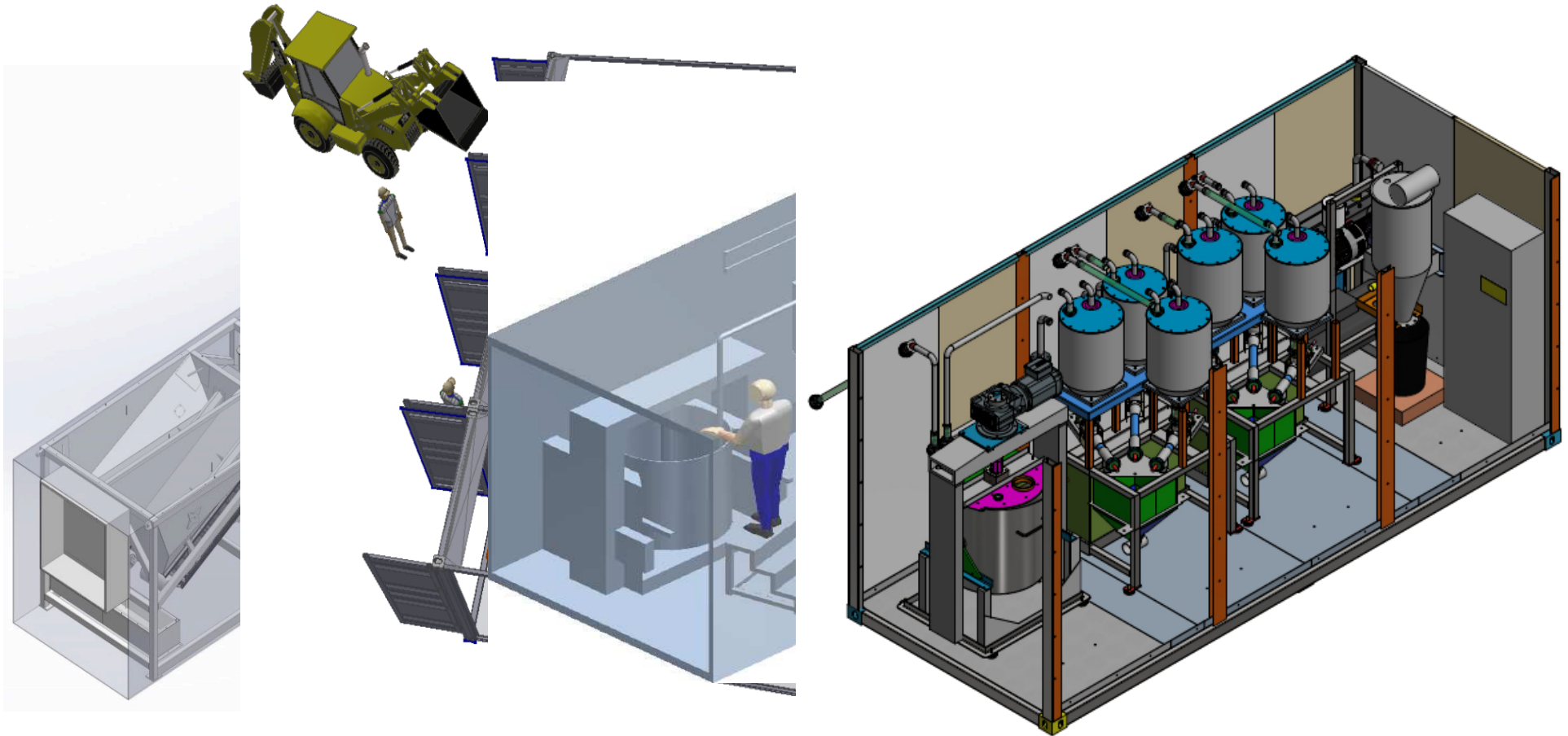
Is fire-resistant+++

At least 30%  
lower CO<sub>2</sub>  
footprint

Raw material  
exists already  
(slag)



# The way there



# The way there

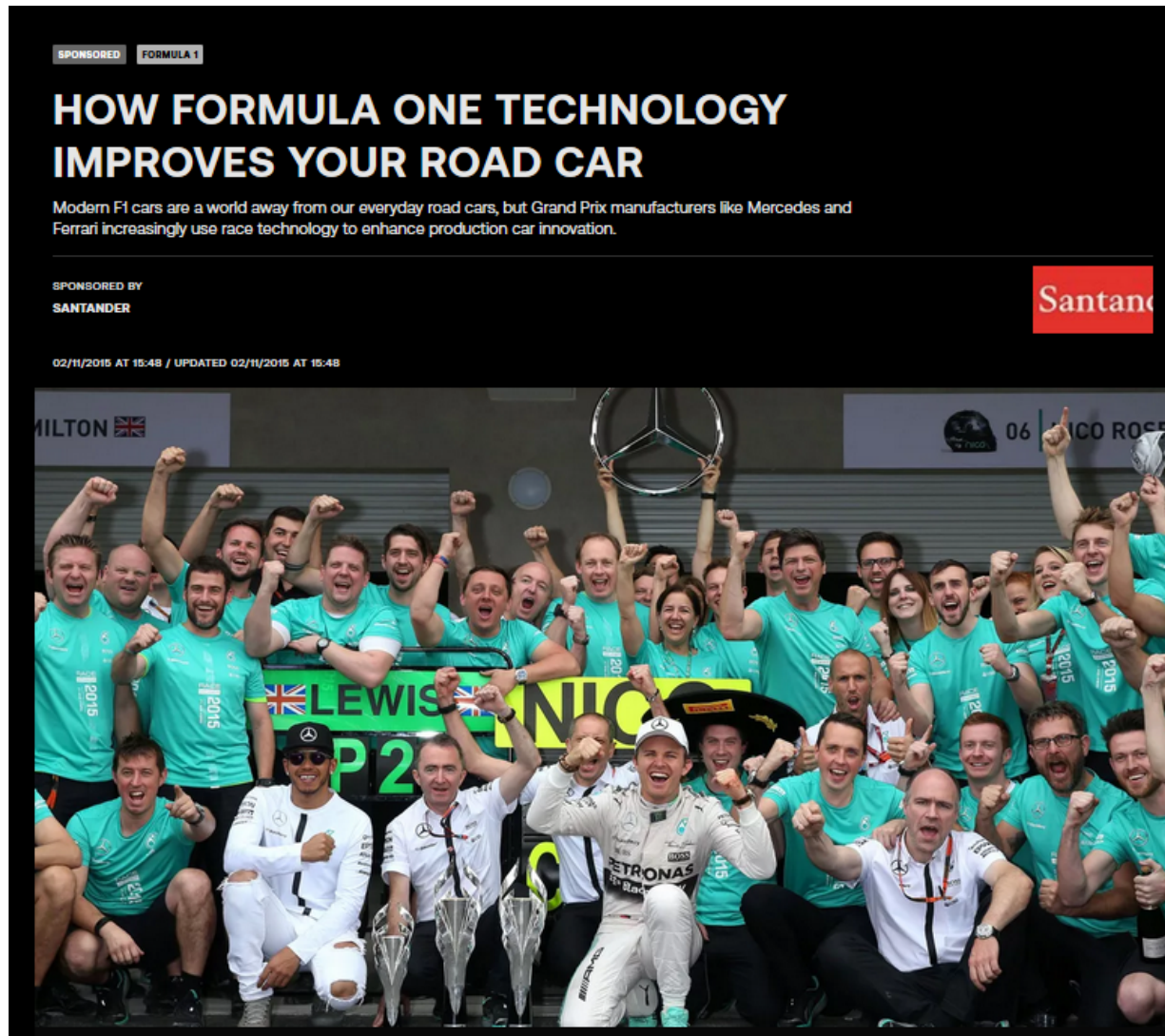




6 units in total, 2 still in production



# Next steps?



“There are examples of direct transfer but there is also indirect transfer, where F1 serves as a research laboratory for developing new solutions and showing the world what is possible.”

...

“We move people from one side to the other, and there is an information exchange,” Ferrari’s technology transfer manager Amedeo Visconti said in an interview with Professional Motorsport. “Sometimes it is planned, sometimes it just happens by chance. With people you transfer knowledge, mentality, and relationships.”

## Next steps?



Becomes the Formula 1 equivalent and through exchanges of knowhow and people we produce innovative building materials

# All partners gratefully acknowledge



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