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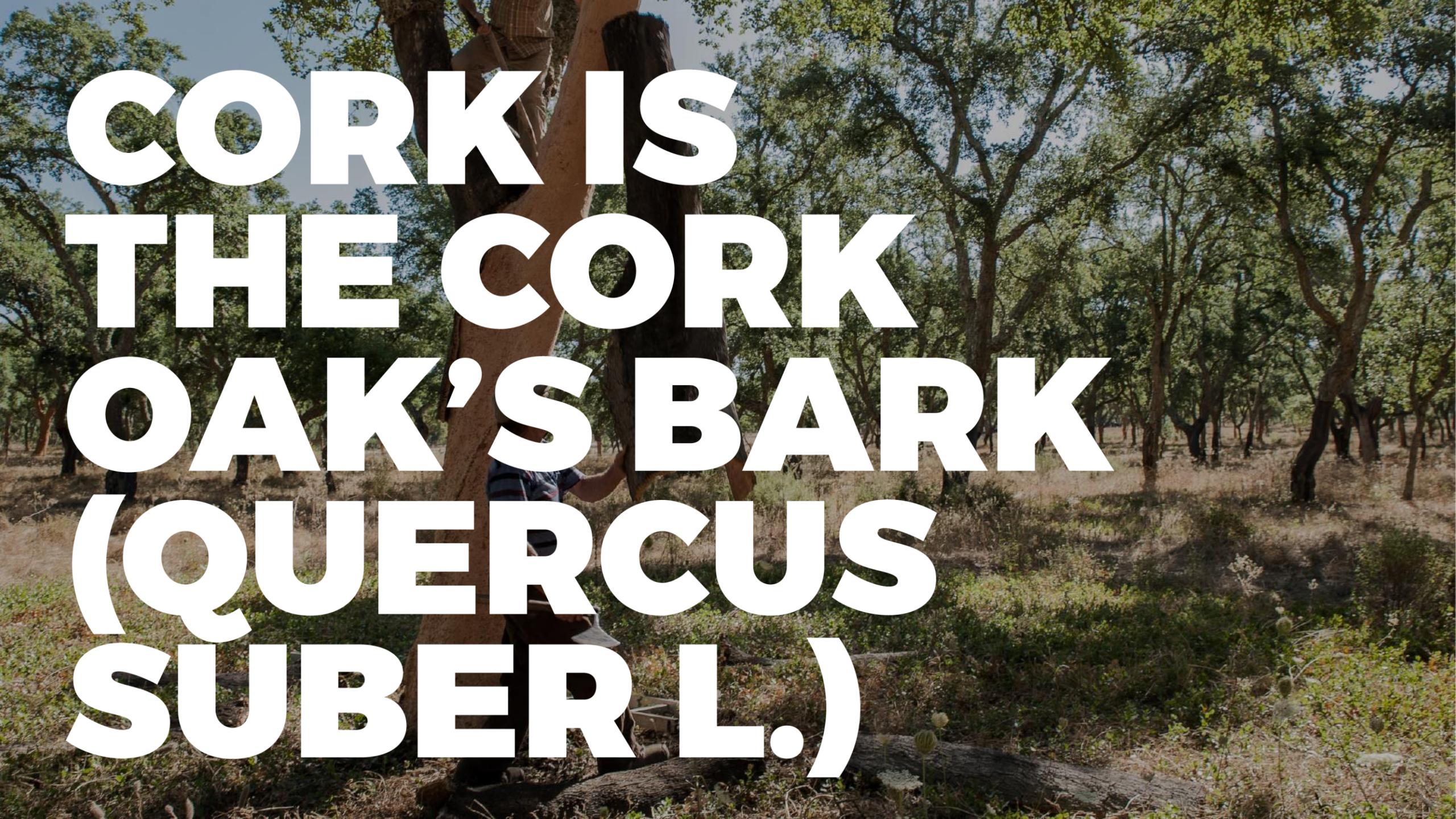
ORIGIN

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# 1.1 NATURAL RAW MATERIAL





**CORK IS  
THE CORK  
OAK'S BARK  
(QUERCUS  
SUBER L.)**





THE CORK TREE IS A SLOW  
GROWTH SPECIES WITH  
AN AVERAGE LIFESPAN OF  
200 YEARS



IT CAN BE HARVESTED  
ABOUT 15 TO 18 TIMES.  
A VERY TOUGH PROCESS  
THAT ASSURES THAT  
NO DAMAGE IS DONE TO  
THE TREE.



THIS IS THE ONLY  
OAK SPECIES THAT  
REGENERATES  
AUTONOMOUSLY.

(Quercus  
SUBER)





## RAW MATERIAL STRAIGHT FROM THE FOREST.

Profitable  
waste from the  
oaktree forest.

- *Natural (and  
renewable)  
raw material.*
- *100%  
natural.*

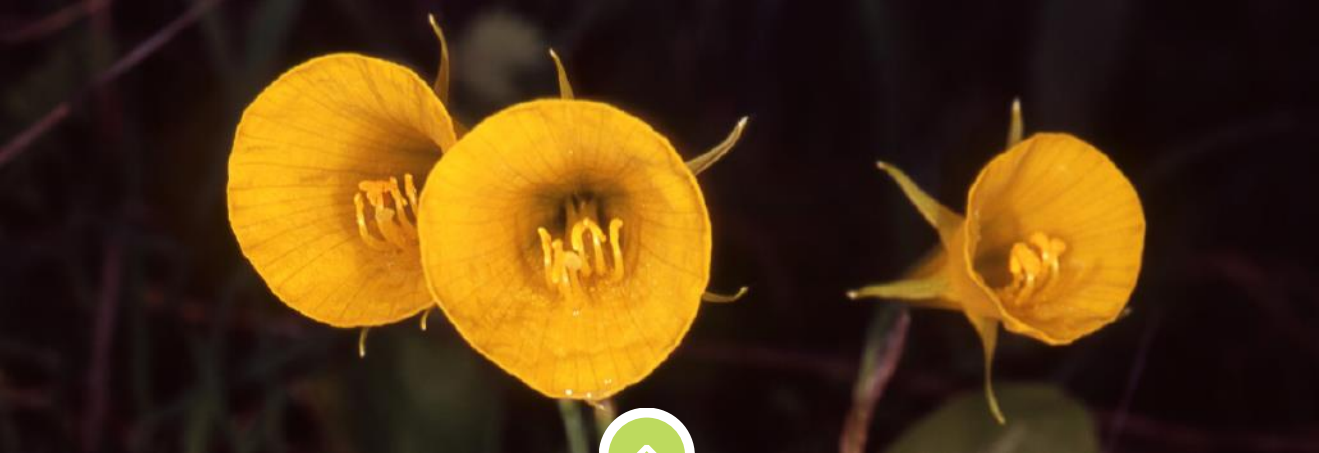




# 1.2 BIODIVERSITY

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# ONE OF THE 35 BIODIVERSITY HOTSPOTS IN THE WORLD

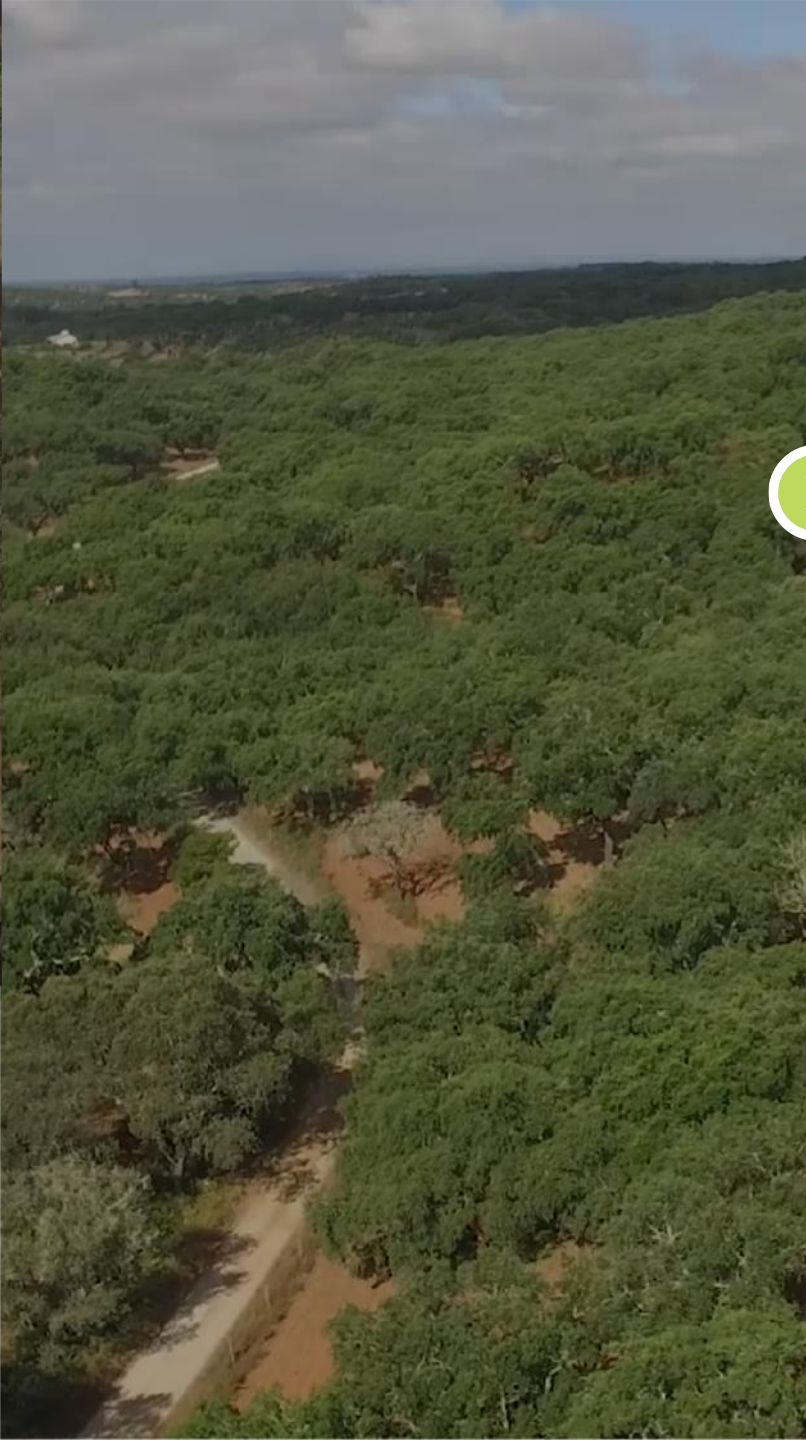




# 1.3 CO<sup>2</sup> CAPTURE







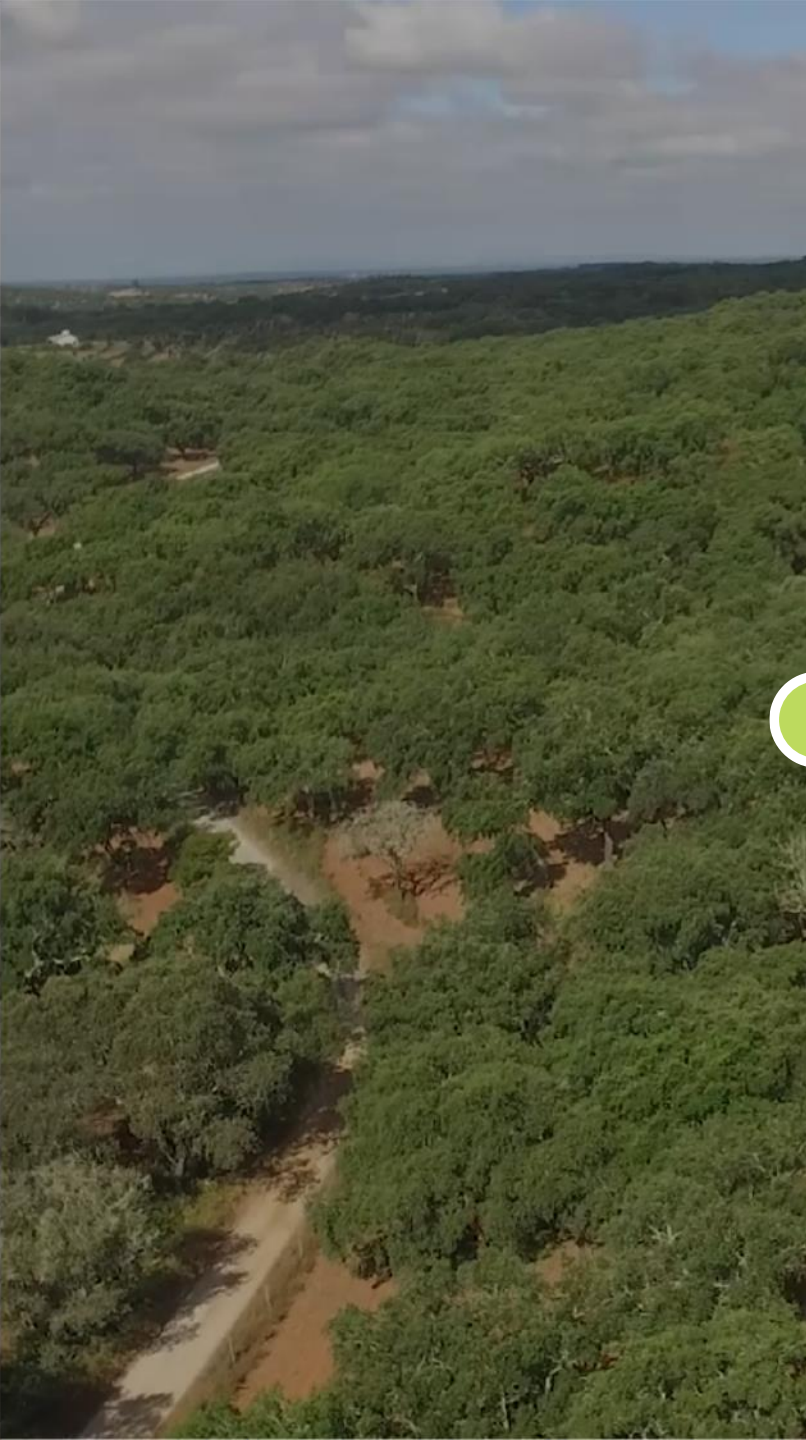
**2.2 MILLION.**

Cork oak  
forest hectares.

*Occidental  
Mediterranean  
Bay.*







# **CORK OAK FORESTS HAVE THE ABILITY OF STORING CO<sup>2</sup> FROM THE ATMOSPHERE.**

The main  
cause of Global  
Warming.

*More than 14  
million tons of  
CO<sub>2</sub> per year.*





# 1.4 NO EMISSIONS INDUSTRIAL PRODUCTIONS



# 2



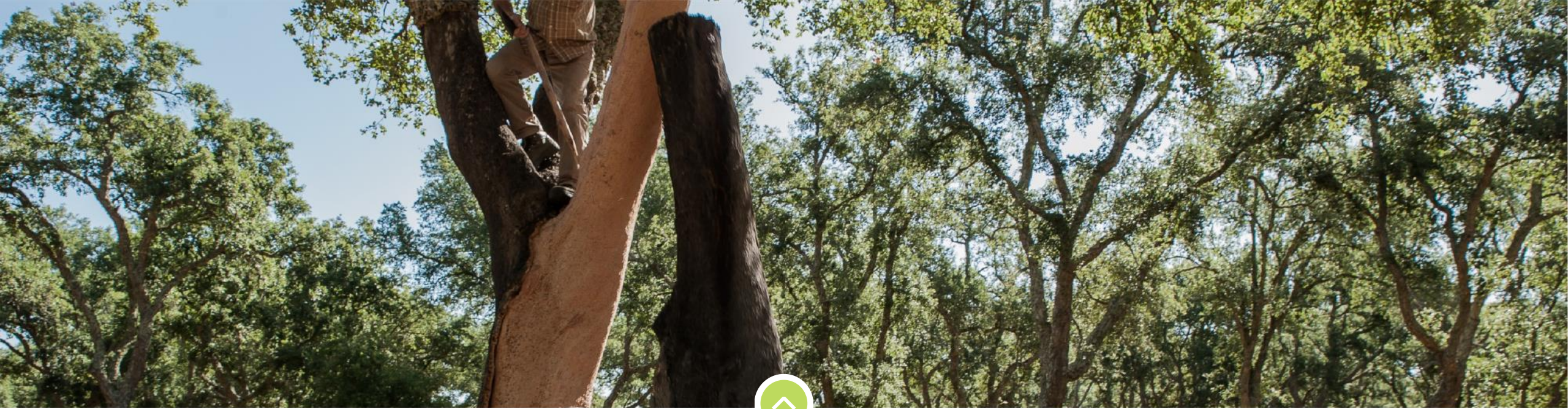
# PROCESS





# 2.1 CORK ONLY





# **CORK HARVESTING IS THE WORLD'S HIGHEST PAID AGRICULTURAL JOB.**

Oak forests are mainly located  
in desertification prone areas.



# 2.2 ZERO ADDITIVES







**2.3**  
**90% OF THE**  
**INDUSTRIAL**  
**PROCESS'**  
**ENERGY**  
**COMES FROM**  
**OUR OWN**  
**BIOMASS**





## 100% NATURAL INDUSTRIAL PROCESS.

- › Low energy consumption;
- › 93% cork dust;
- › 7% electricity.







# 3



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# PRODUCT



# **3.1 EXCELENT THERMAL/ ACUSTIC / VIBRATION INSULATION**







# **3.2 VIRTUALLY UNLIMITED DURABILITY KEEPING ALL TECHNICAL FEATURES**





1995 ➤

# 3.3 DIMENSIONAL STABILITY EVEN WITH THERMAL VARIATIONS



1985 ➤



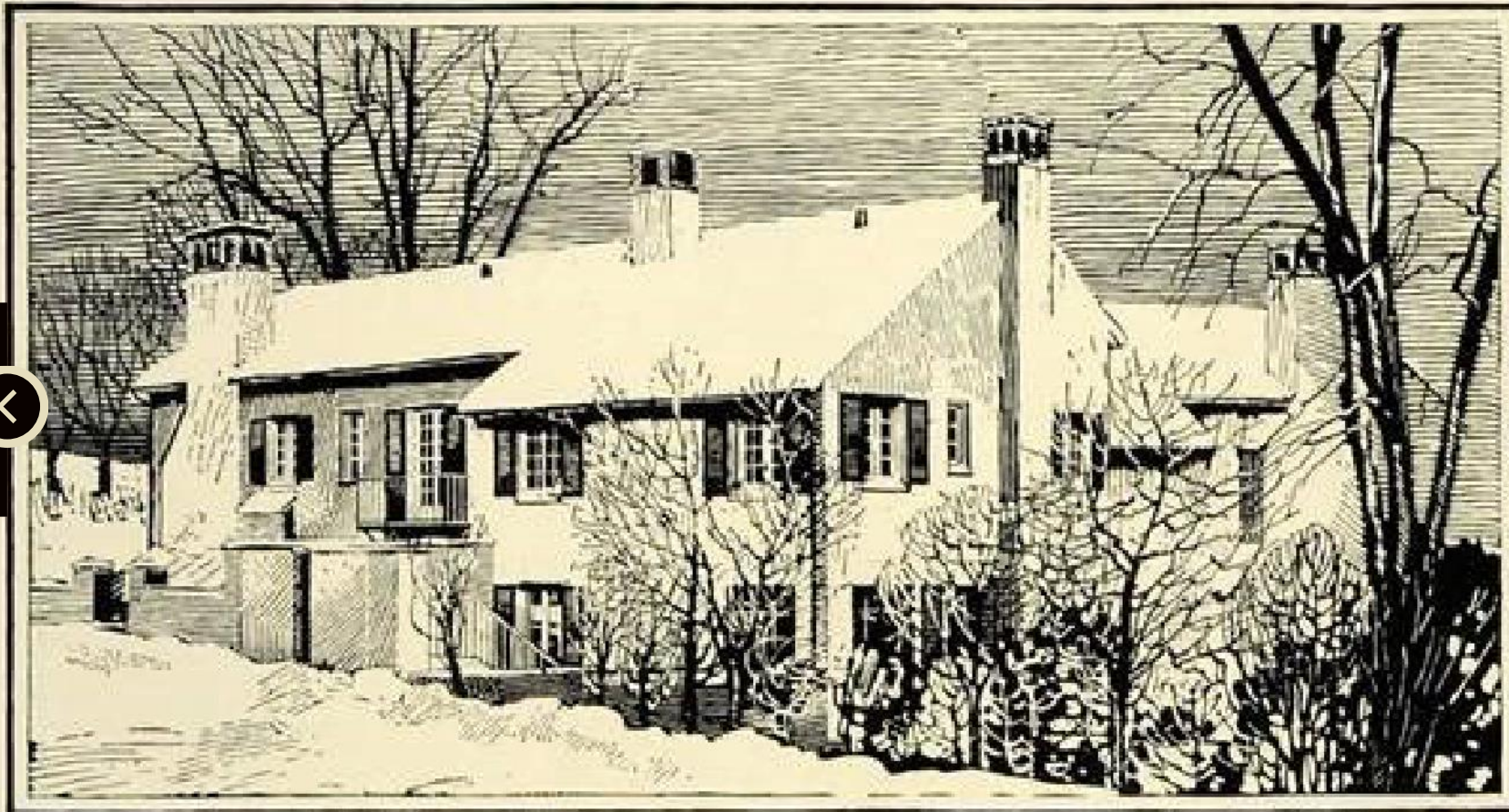


**2008** ➤

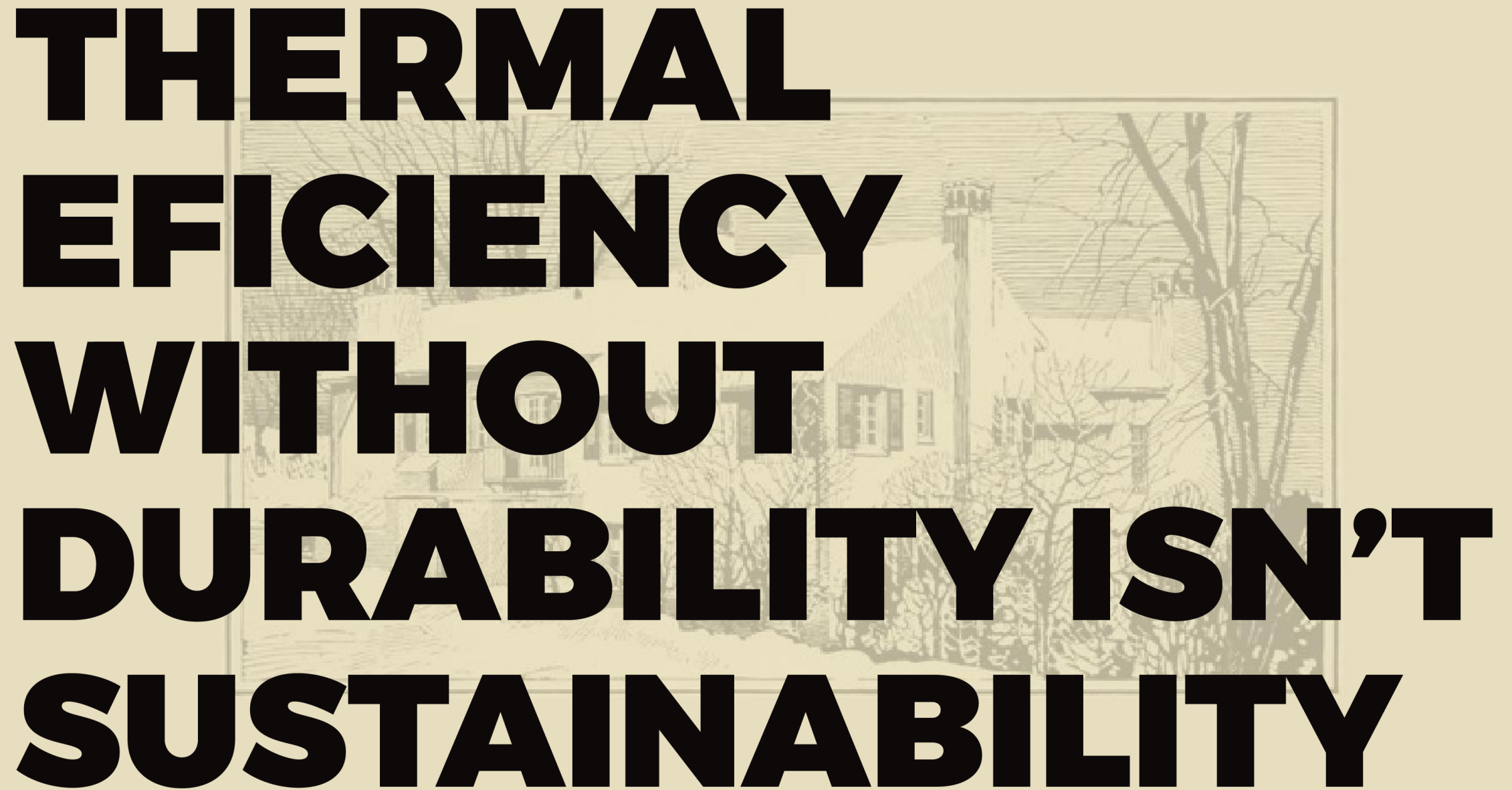
**3.4  
NEARLY  
UNCHANGABLE  
WHEN  
SUBMITTED  
TO 40°C  
TEMPERATURES**



1927







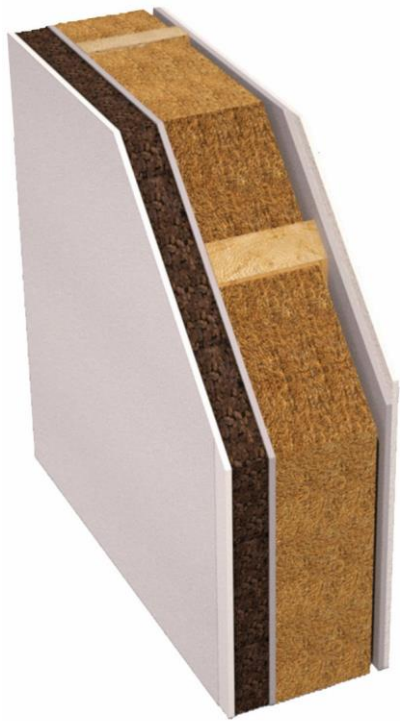
**THERMAL  
EFFICIENCY  
WITHOUT  
DURABILITY ISN'T  
SUSTAINABILITY**



# WOODEN BUILDINGS







# WOODEN BUILDINGS







**TOP ONE  
WHEN COMPARED TO ALL  
OTHER INSULATION  
MATERIALS**

**DOWN  
SUSTAIN**



4



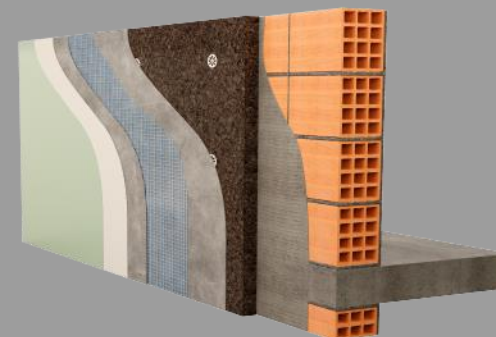
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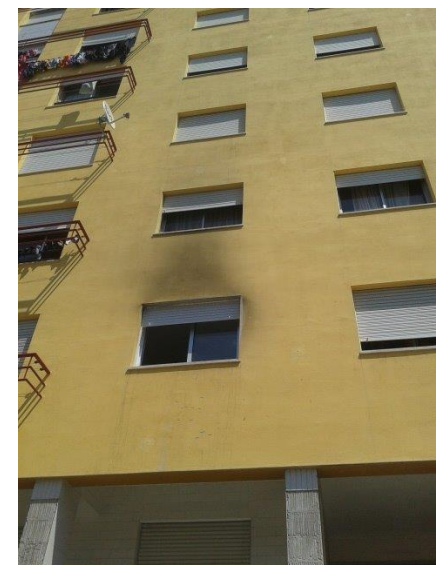
**APPLICATIONS**

# 4.1 EXTERNAL AND INTERNAL WALLS INSULATION





# Renovation



# 4.2

# FLAT AND PITCHED ROOF INSULATION

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## 4.3 FLOATING SLAB (ACUSTIC)

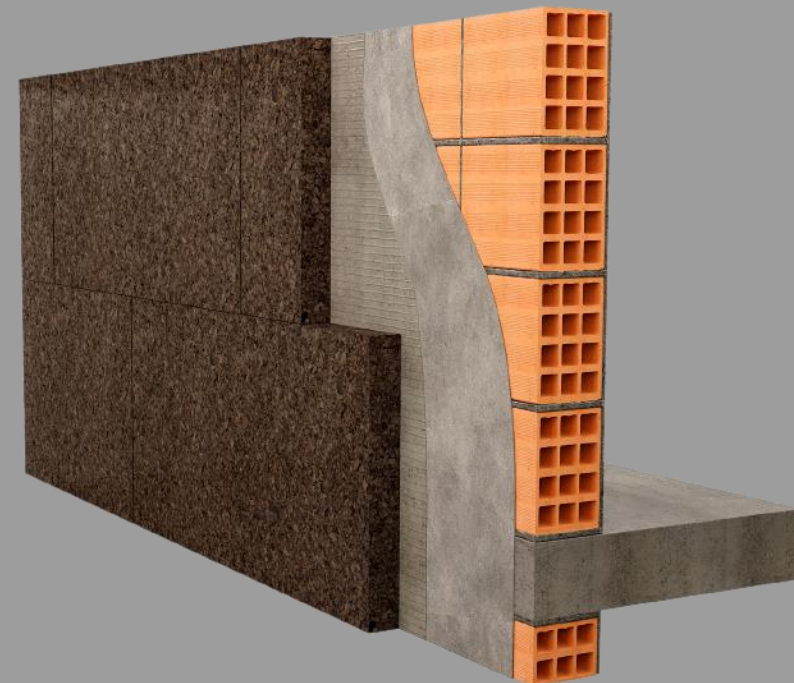




# 4.4 ANTI-VIBRATION (ADEQUATE DENSITY)



# 4.5 EXTERIOR CLADDING (MDFACADE QUALITY)





# 4.6 INTERIOR DECORATIVE





# 4.7 DESIGN



# 4.8 ROOFING /GREEN FOREFRONT

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5



**EVERYTHING  
CHANGES  
ZERO WASTE**



# 5.1 BLOCK SAWING SUB-PRODUCT (EXPANDED GRANULE)

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# **5.2 DEMOLITION AGGLOMERATE RECOVERY AGGLOMERATE PRODUCT RECYCLING**



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**GRANULE  
REUSAGE**



# 6.1 CORKSORB





## 6.2 CONSTRUCTION PLASTER (INCORPORATION)





# 6.3 LIGHT CONCRETE

# 6.4 COMPOUND AGGLOMERATES INCORPORATION





# 6.5 FOOTBALL STADIUM PITCH

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# 6.5 FOOTBALL STADIUM PITCH

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**100%  
NATURAL  
LAWN**



**EXPANDED AND  
NON PUTRESCIBLE  
CORK GRANULATE**



**SYNTHETIC  
MICROFIBER**







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**THANK YOU.**





# **FOLLOWING A PHILOSOPHY (---)**



