

Napa Green – All Things Bottle Sustainability
Workshop:

Natural Cork and Closure Sustainability

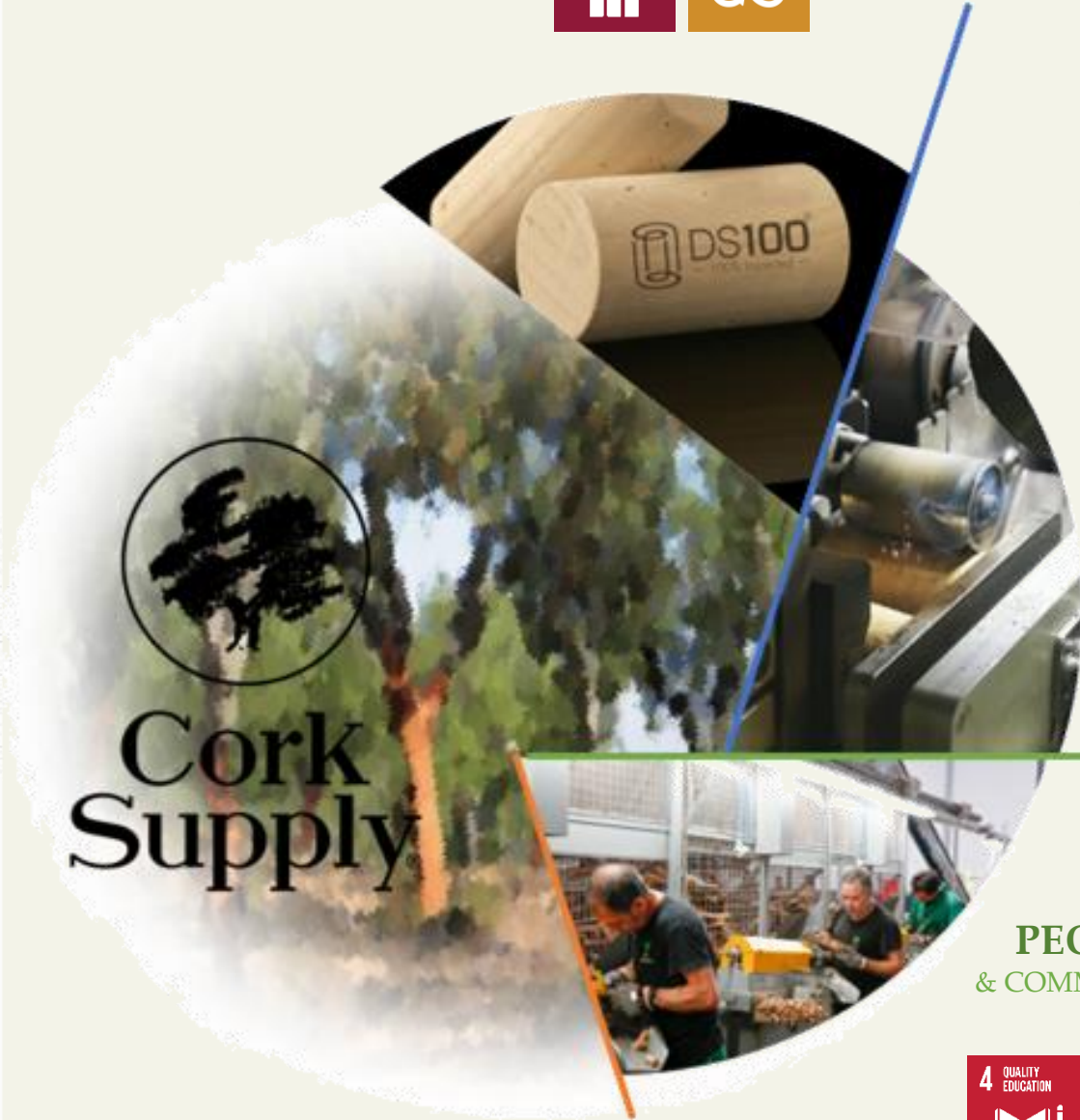
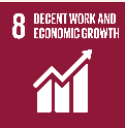
Greg Hirson
Global Director of Innovations
Harv 81 Group | Cork Supply

April 26, 2024





PRODUCTS
& INNOVATION



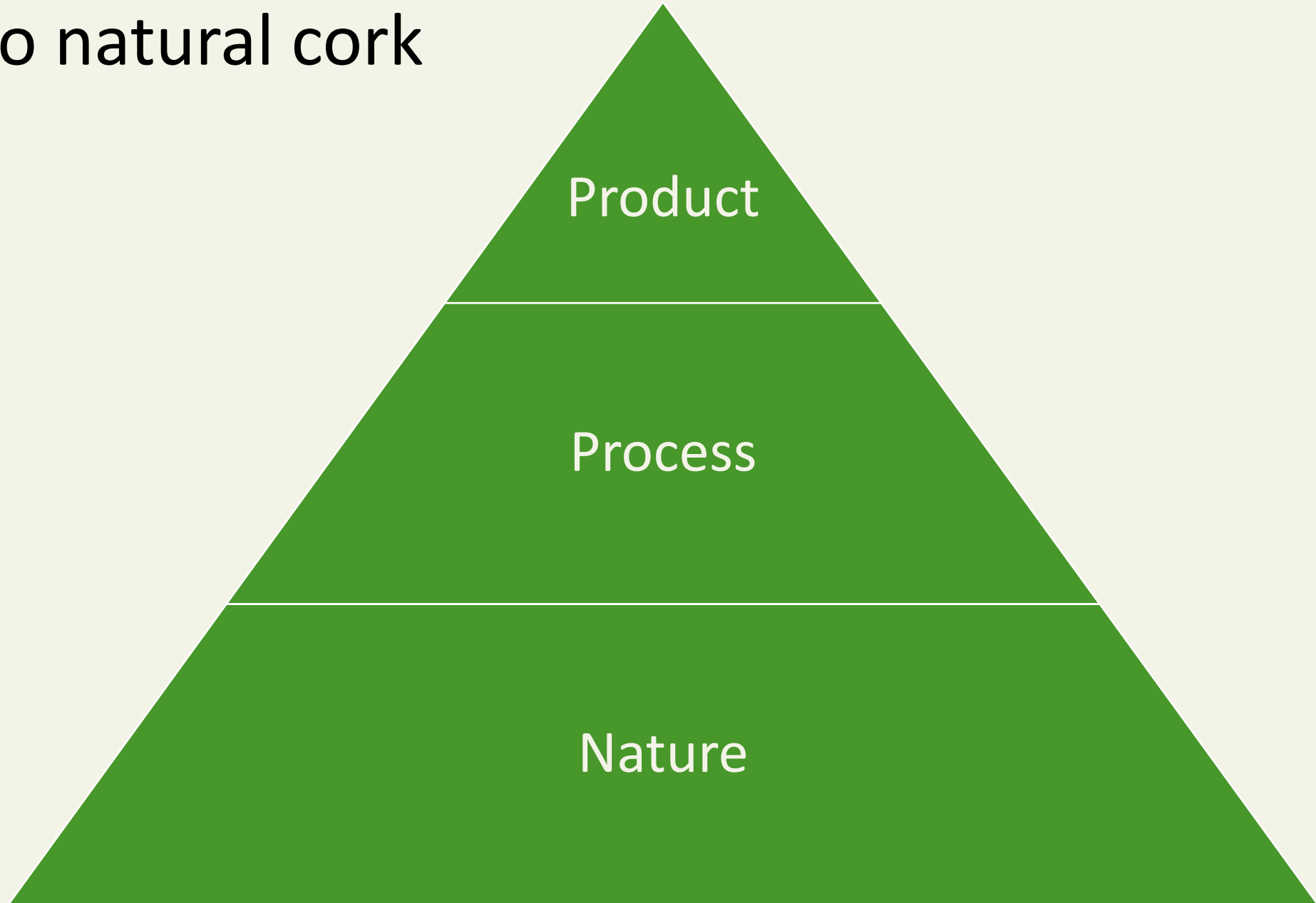
PLANET
OPERATIONS &
SUPPLY CHAIN



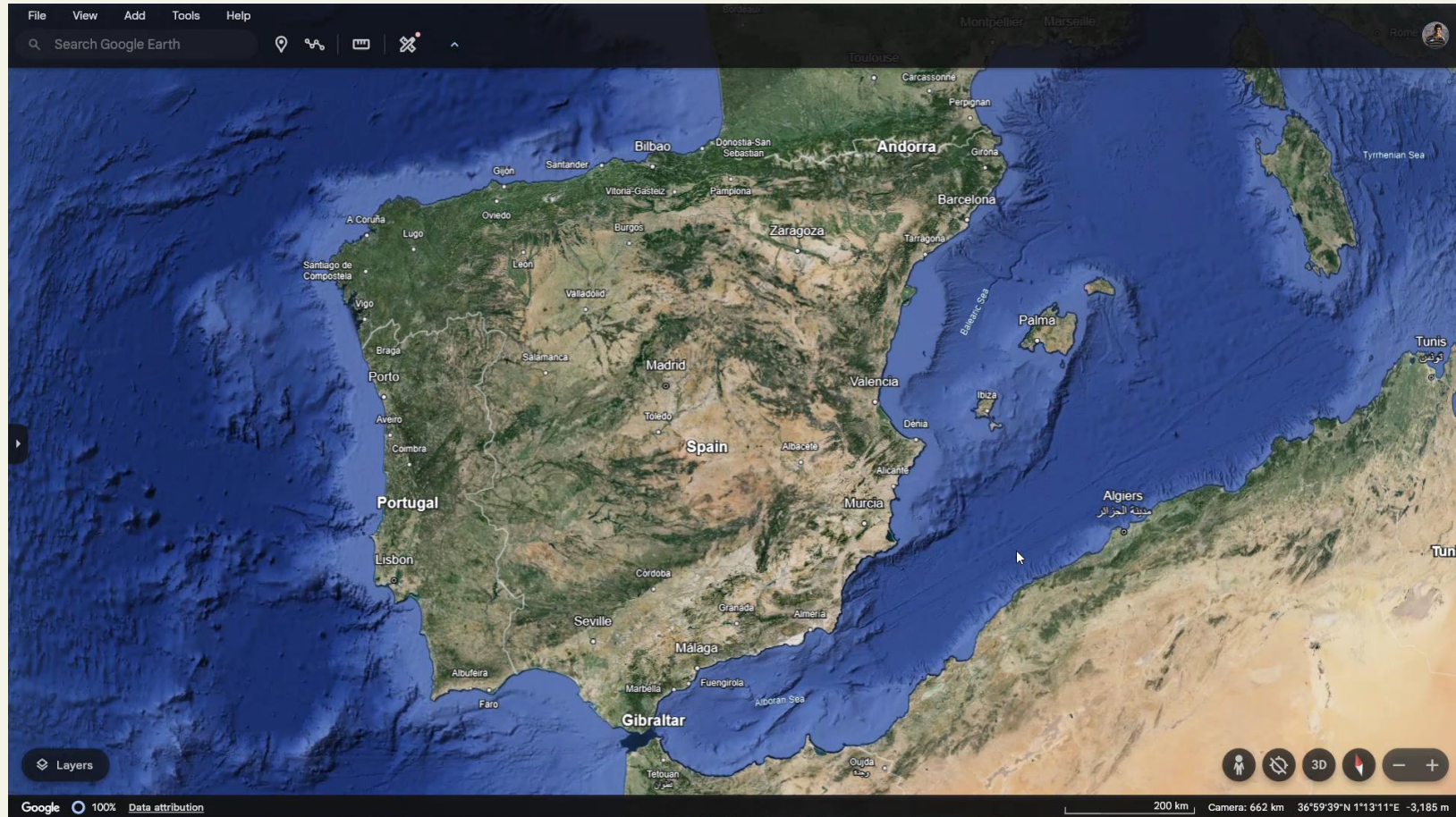
PEOPLE
& COMMUNITIES



Contributors to natural cork sustainability



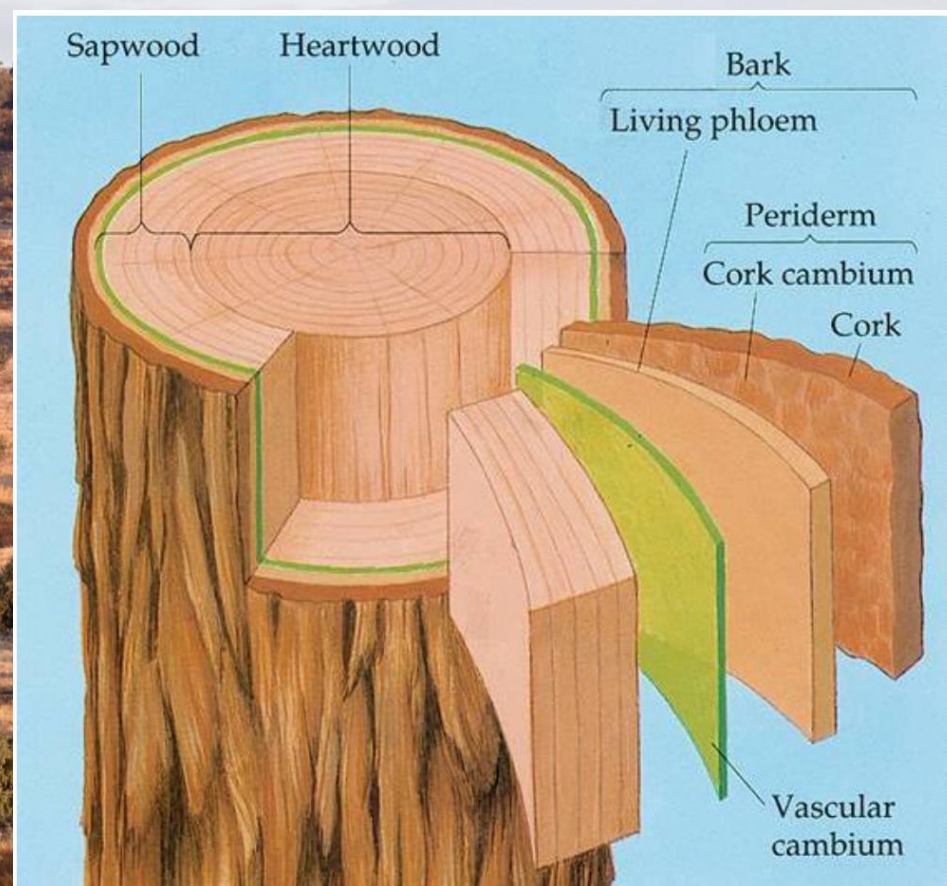
Nature



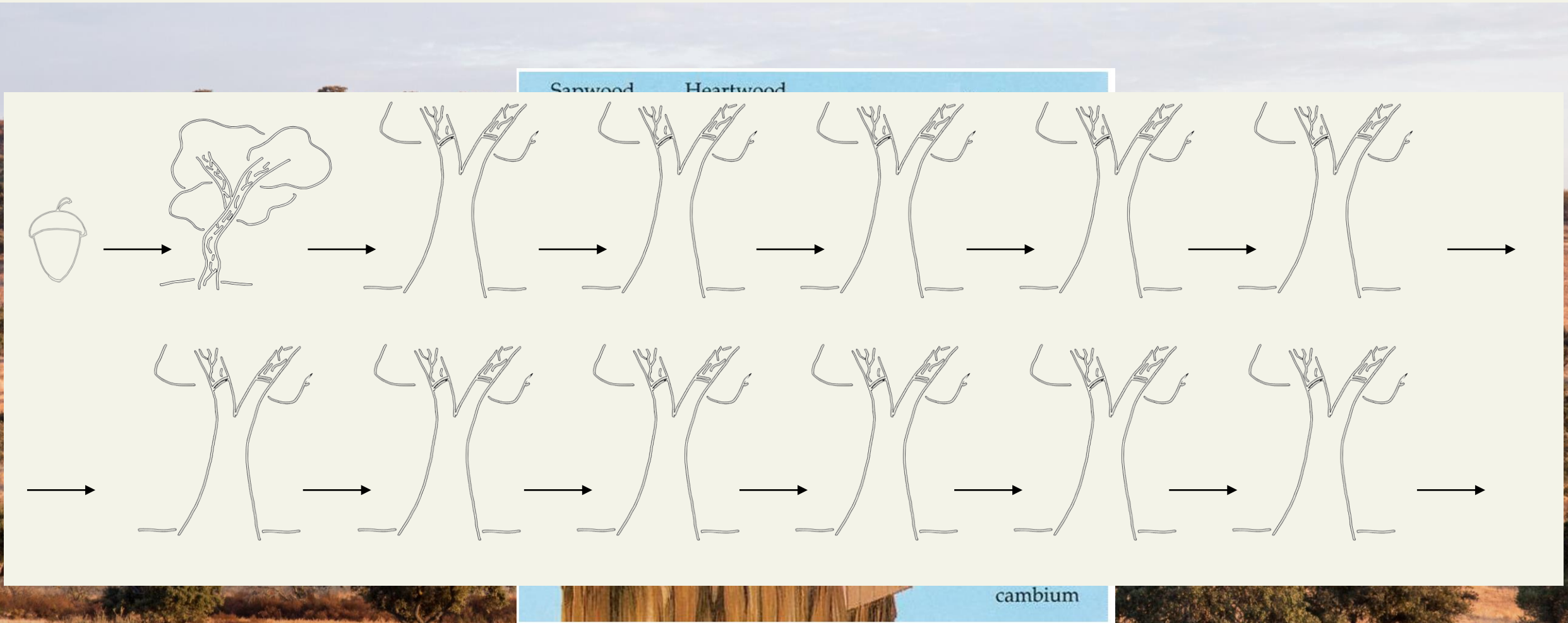
Nature



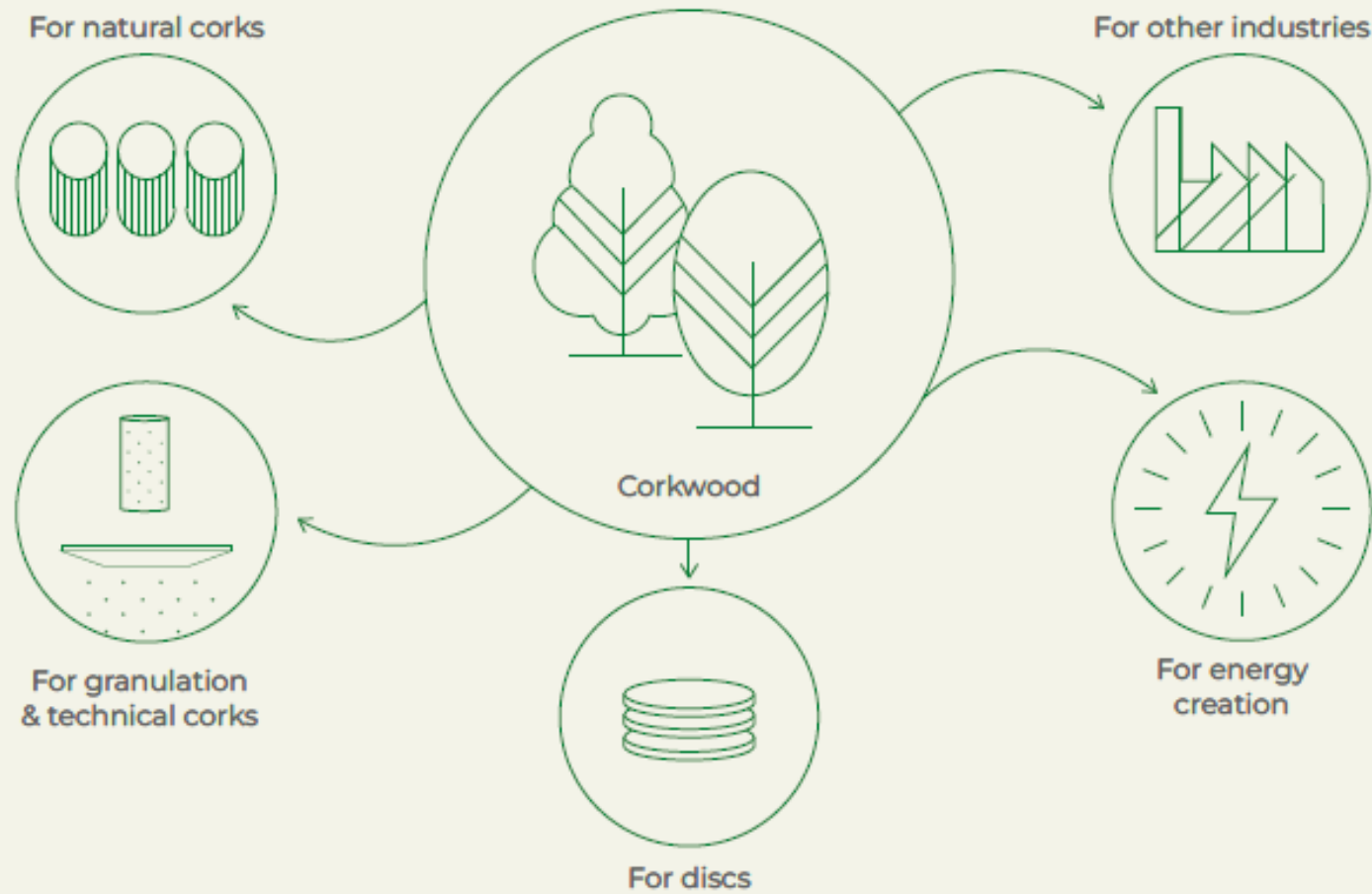
Nature



Nature -> Process



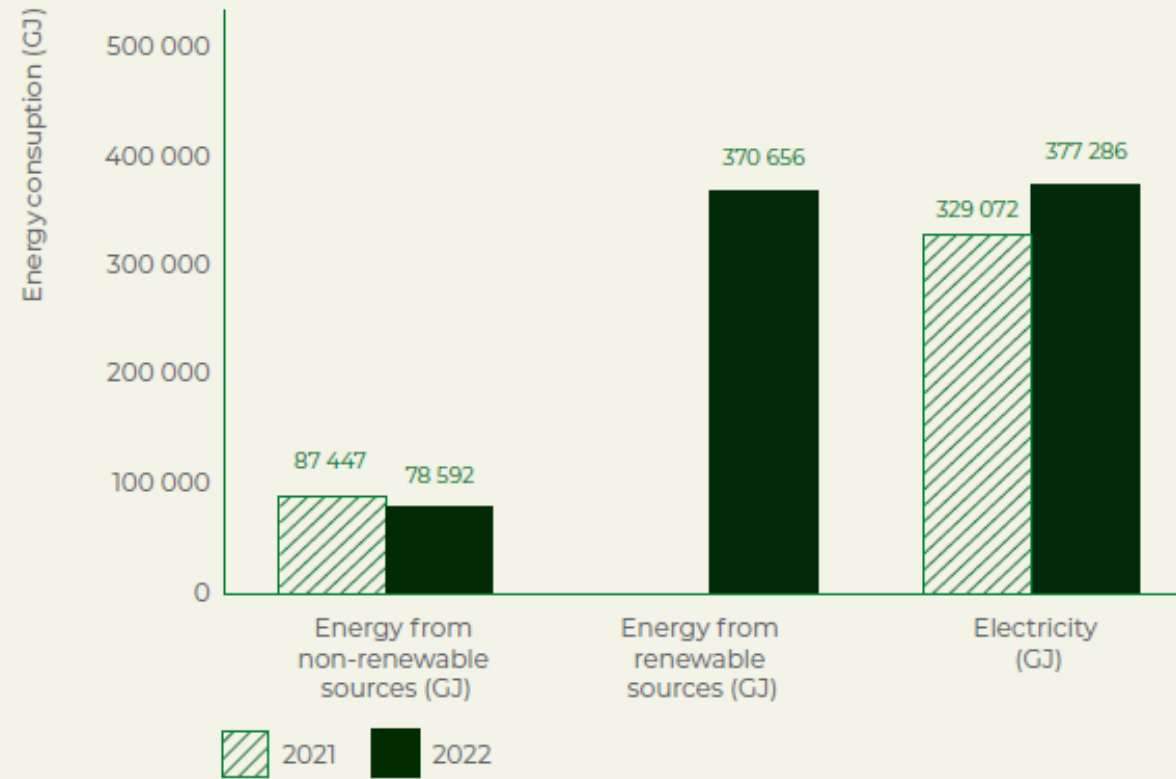
Process



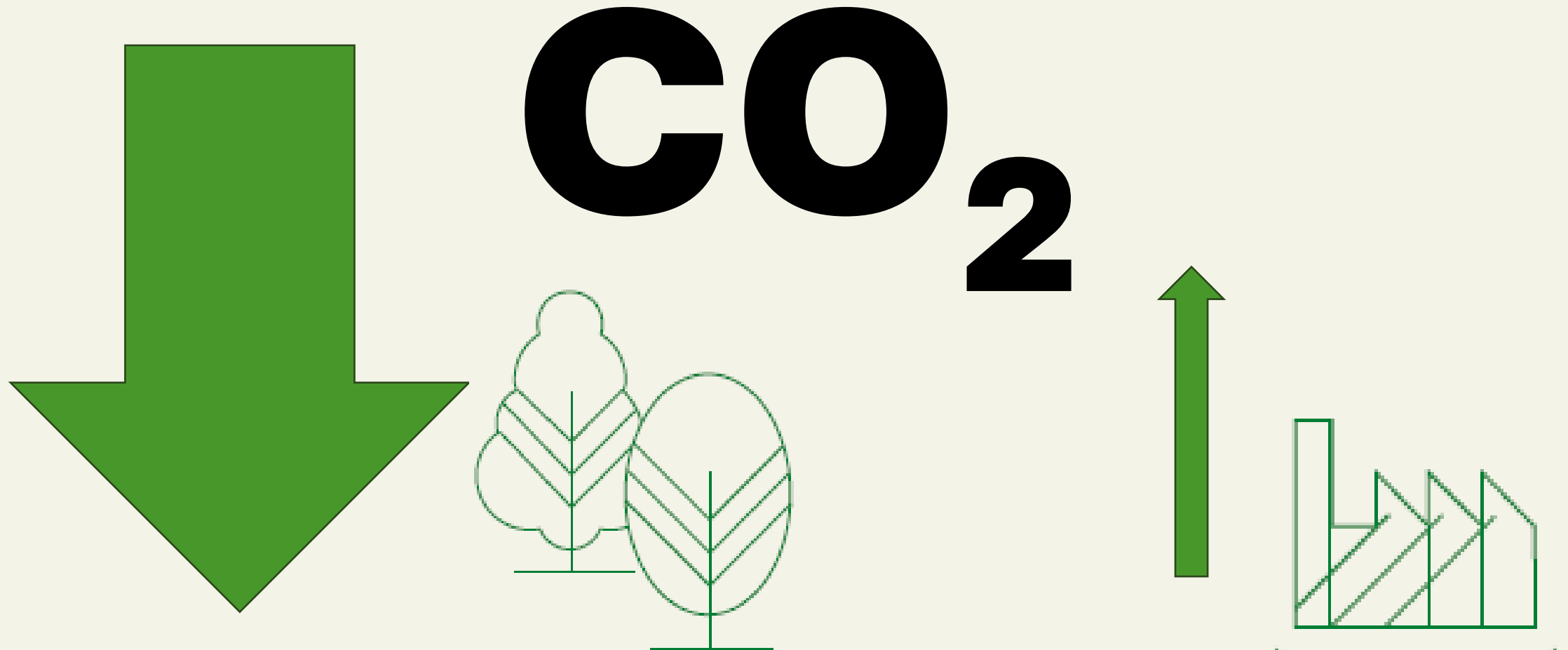
100%

recovery of cork materials
(zero waste)







Process



Process



Process -> Product

			Emissions ¹ (kg _{CO2} /k)	Carbon Balance ² (kgCO2/k)
 CS Natural  VINC	Wine	CS Natural	1	-530 to -300
		VINC	13	-600 to -330
 VINC CUVÉE  CS CUVÉE 0+2	Sparkling	Vinc Cuvée	19	-1200 to -650
		CS Cuvée 0+2	9	-1050 to -590
 TALIS Natural  TALIS Micro	Spirits	TALIS Natural	5	-270 to -150
		TALIS Micro	10	-300 to -160







¹ refers to emissions of pollutants & consumption of natural resources

² Scenario analysis with carbon sequestration in the cork oak Montado:

Carbon Sink average of 10 ton (CO2)/ ha / year

average: **115.39** kg_{CO2} /kg_{cork_wood}

Process -> Product

		Emissions ¹ (kg _{CO2} /k)	Carbon Balance ² (kgCO2/k)
<div>   </div> <div>CS Natural VINC</div>	Wine	CS Natural	1
	<div>   </div> <div>VINC CUVÉE CS CUVÉE 0+2</div>	<div>Negative Carbon Balance = Runs the carbon meter backwards</div>	
	<div>   </div> <div>TALIS Natural TALIS Micro</div>		

¹ refers to emissions of pollutants & consumption of natural resources

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Carbon Sink average of 10 ton (CO2)/ ha / year

average: **115.39** kg_{CO2} /kg_{cork_wood}



Product - Integration

- ✓ Natural
- ✓ From a sustainable, renewable source
- ✓ It is minimally processed
- ✓ Low Environmental Impact
- ✓ Forest to Bottle
- ✓ **Negative Carbon Balance**



Thank you for your time and attention

Greg Hirson
ghirson@harv81.com