

CorkGO.



Outdated manual processes

Harvesting and evaluation still depend heavily on human experience.



Difficulty in measuring parameters without damaging

It is difficult to know the thickness and humidity of the cork without breaking into it.



Quality and production below potential

The quality of cork oak and cork is not always optimized, generating waste.

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Cork Producers



Amorim Cork
world's largest
cork producer
and supplier



M.A.Silva

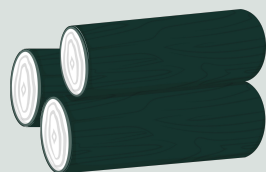


Maryland Cork
(USA)

Other Industries impacted:



Agronomy



Wood



Wine

Cork

Industry



MVP prototype



Our Solution

Innovative sensors

Utilizes electrical impedance or ultrasound technology, allowing for non-invasive measurements of cork thickness and moisture levels, ensuring minimal impact on the tree.



Visual Feedback

Equipped with a simple display or LED, the sensor provides instant feedback: Green for ready to harvest, Yellow for almost ready, and Red for not ready yet.



Portable device

Designed to resemble a thick flashlight or short baton, this handheld device is easy to carry around, making it convenient for on-site assessments during harvesting seasons.



Water resistant

IP67 rated for field use. The device is both dust-tight and waterproof.

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How it works



Thickness Measurement

High-frequency ultrasonic pulse that travels through the cork

Cost :

\$ 5 - \$ 6

+



Moisture Measurement

Detects variations in electrical capacitance

Cost:

\$ 3 - \$ 5

+



LED Feedback

shows the stage for the harvest

Cost :

\$ 0.6 - \$ 1

+



Innovation

Optimizing these technologies for porous materials like cork

Others (Battery, PCB, packaging, software, etc)

Total Production Cost :

~ \$ 150

End-user price:

~ \$ 250
per device

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Competitiv

e

Advantage

Non-Invasive and Precise

The unique combination of ultrasound and capacitance is optimized for cork.

Practical and Robust

IP67 design for the real-world environment.

User-Friendly y Design

One button, clear feedback.

Integrated Intelligence

The Neural Network for quality assessment is our 'secret', a difference that no one else has.

Versatile and Sustainable Solution

Reduces resource waste, and supports the long-term health of cork oak.

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Sustainable Growth

**1st
year**

Phase 1 MVP

To prove that our technology works and that the product is reliable in the field.

**2-4th
year**

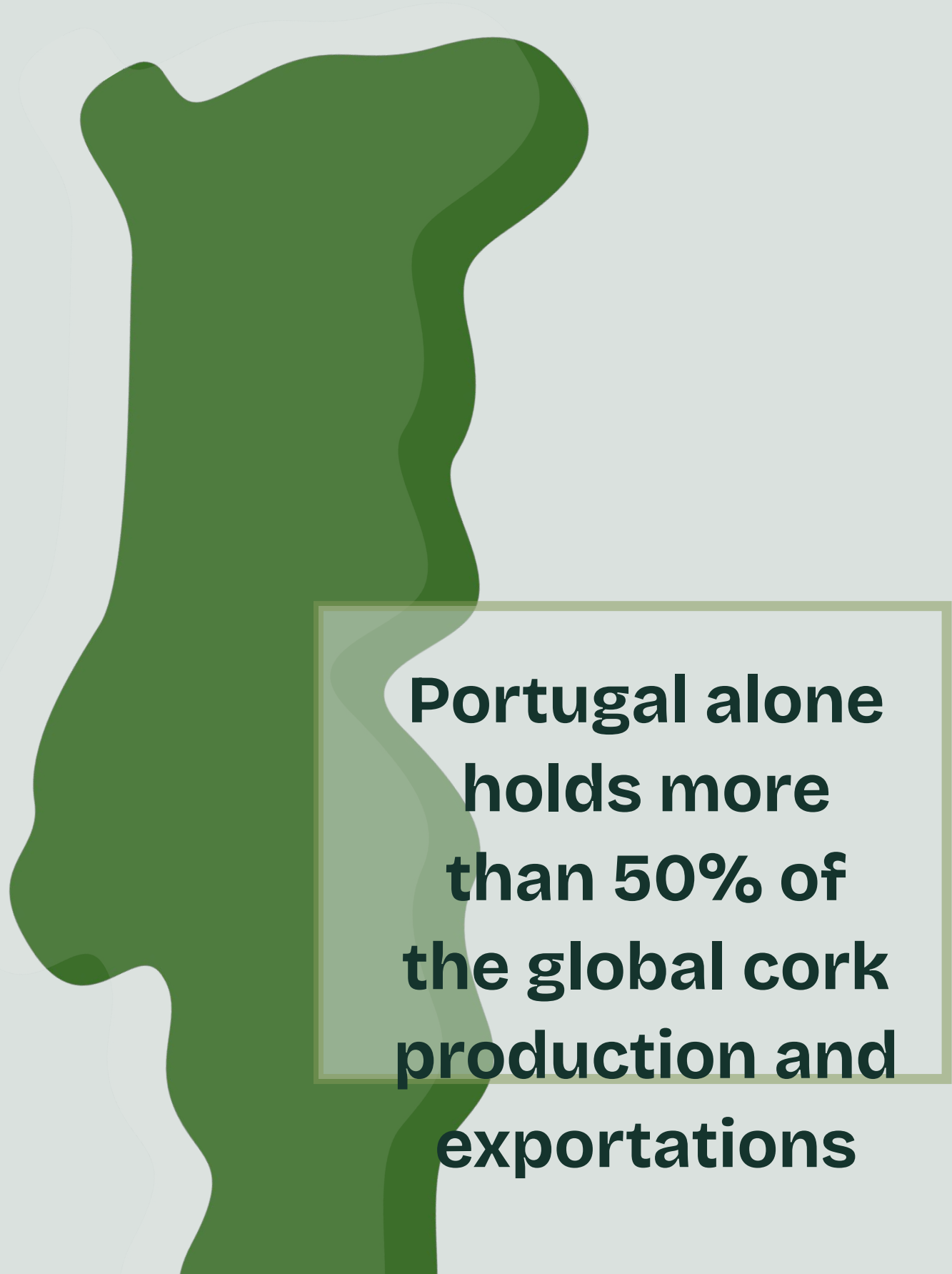
Phase 2 Expansion and ASIC Development

Grow our market share in the cork business. Expand into other markets. Start developing the ASIC.

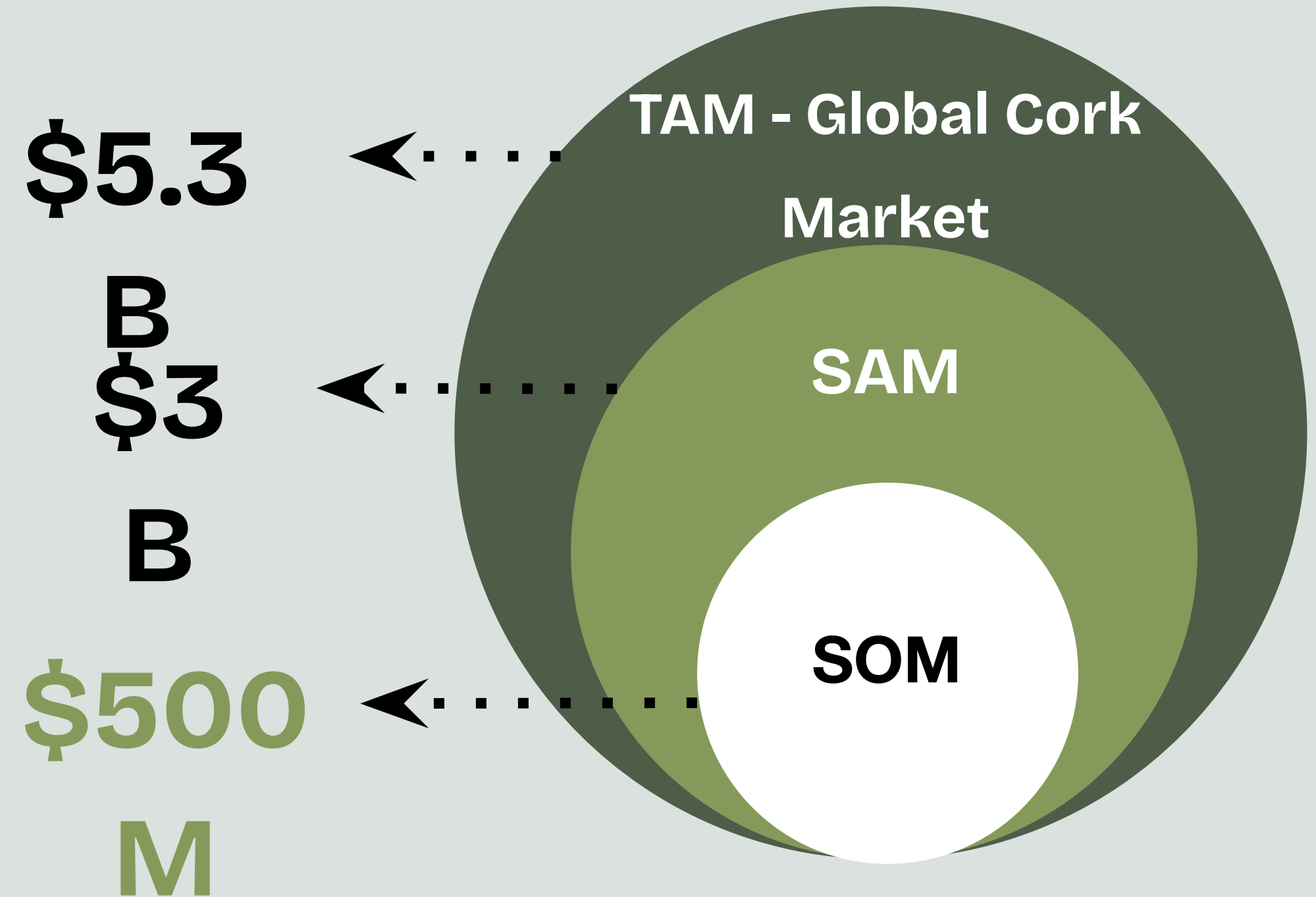
**5th year and
onwards**

Phase 3 Market Launch of the ASIC

Implementation of the Neural Network into the device. CorkGo not only measures, it evaluates the quality of the cork.



Portugal alone holds more than 50% of the global cork production and exportations



Resources and Investment Plan

	Year 1	Year 2	Year 3	Year 4	Year 5
Costs	\$700,000	\$1,200,000	\$1,500,000	\$1,500,000	\$1,600,000
Sales	\$0	\$50,000	\$500,000	\$1,200,000	\$1,700,000
Venture Capital	\$300,000	\$600,000	\$450,000	\$100,000	\$0
Government Funding	\$200,000	\$100,000	\$100,000	\$0	\$0
Profit/Loss	\$200,000	\$350,000	\$450,000	\$200,000	\$100,000

Our Team



CFO
Francisco
Janeiro

Leading Market
Advisor
Patrícia
Lourenço

CEO
Filipe
Rainho

COO
Ana Rita
Santos

CTO
Bruno
Marques

CMO
Catarina
Abranches

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In a sector ruled by
tradition, we come
with innovation



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Thank you
