



Z

An aerial photograph of a vast tropical forest. The forest is predominantly green, with various shades of green foliage. A significant portion of the forest in the center appears to be cleared or significantly damaged, showing patches of brown and tan ground where trees have been cut down. The horizon shows more forested land under a cloudy sky.

**15 Billion
Per Year**



**720 Billion
Pounds of CO₂**

The background consists of a collage of nine photographs depicting scenes of deforestation and environmental degradation. The images include: 1) A close-up of a large, fallen tree trunk with a prominent knot hole. 2) A steep hillside covered in numerous fallen logs and stumps. 3) A large, circular cut through a tree trunk, showing its growth rings. 4) A view of a forest with many bare, leafless trees. 5) A landscape showing a mix of living trees and extensive areas of dead or severely damaged timber. 6) A dense stand of tall, thin trees growing in a cleared area. 7) A wide shot of a deforested landscape with scattered stumps and debris. 8) A pile of cut logs and branches. 9) A view of a forest with many dead or dying trees.



The logo for Zinnix features the word "Zinnix" in a lowercase, sans-serif font. The letter "Z" is stylized with a dark brown, flowing script-like shape that ends in a small green leaf. The letters "in" are in a dark brown color, and the letter "x" is in a light beige or tan color. The "i" has a small green leaf at its top.

**The moonshot company that
will revolutionize the lumber
industry**

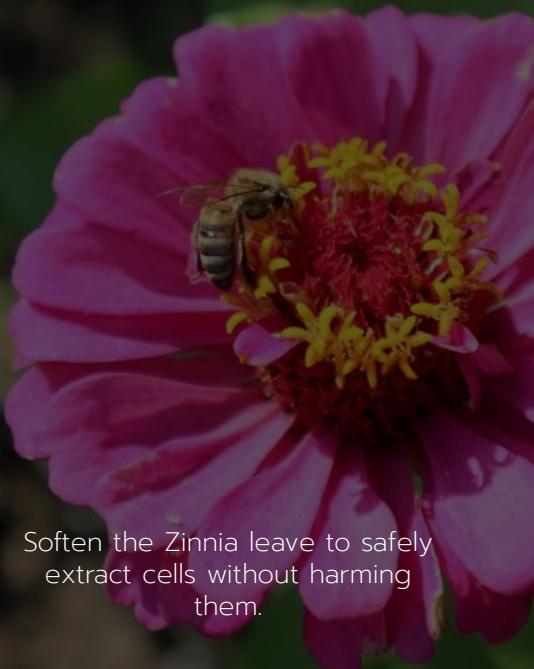


The logo for Zinnix features the word "Zinnix" in a bold, sans-serif font. The letter "Z" is stylized with a small green leaf at its top right. The letter "i" has two small green leaves, one at the top and one at the bottom. The letter "X" is filled with a light beige color.

Zinnix

1

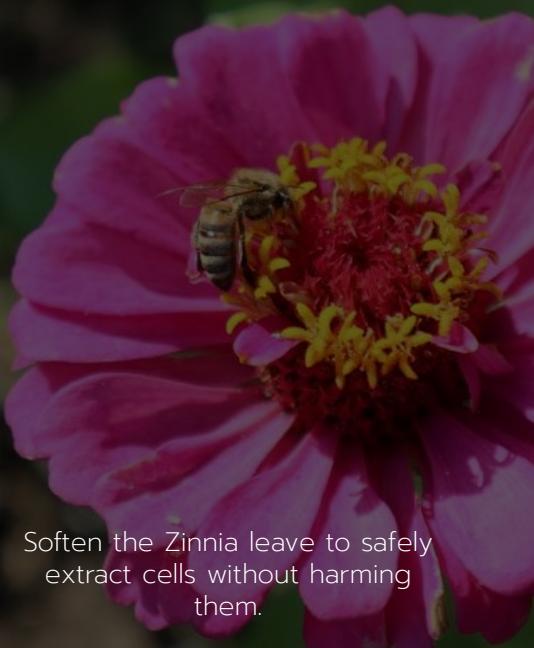
Extraction



Soften the Zinnia leave to safely extract cells without harming them.

1

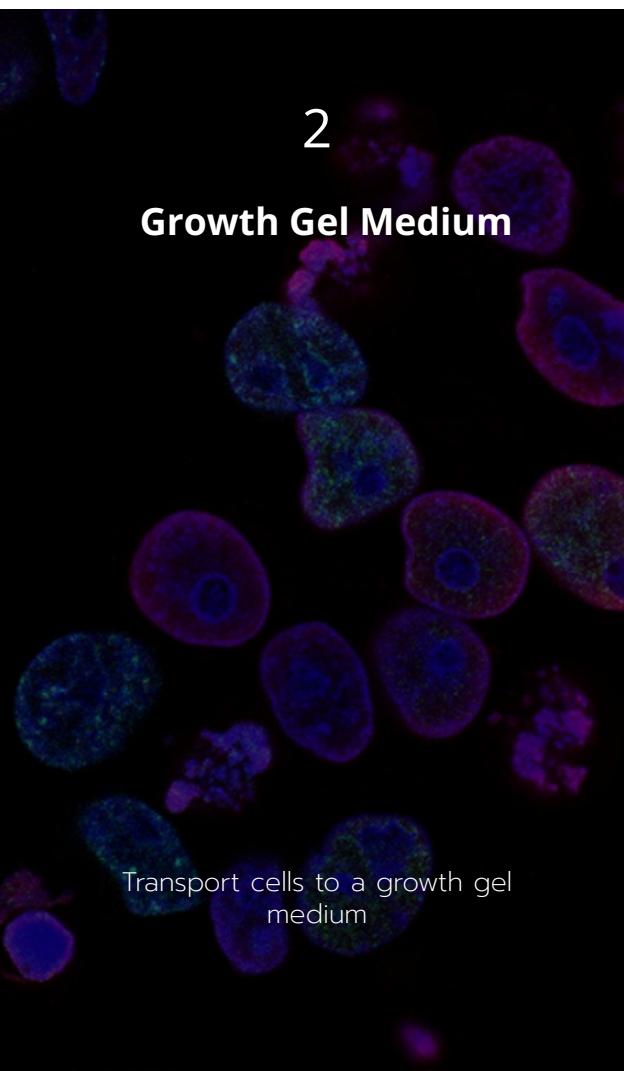
Extraction



Soften the Zinnia leave to safely extract cells without harming them.

2

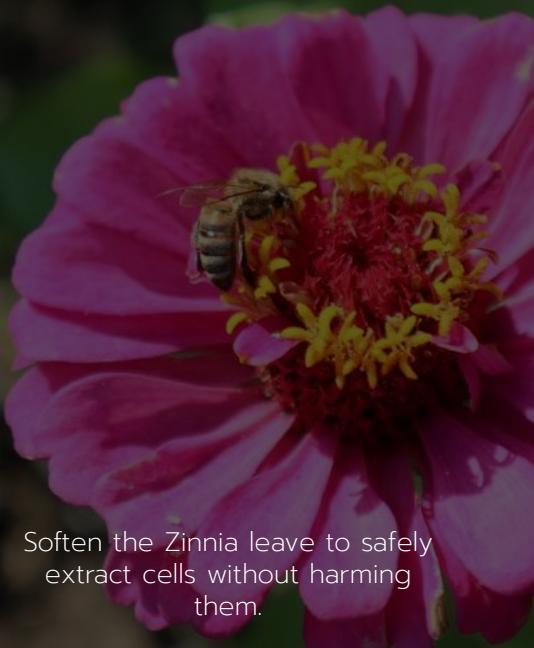
Growth Gel Medium



Transport cells to a growth gel medium

1

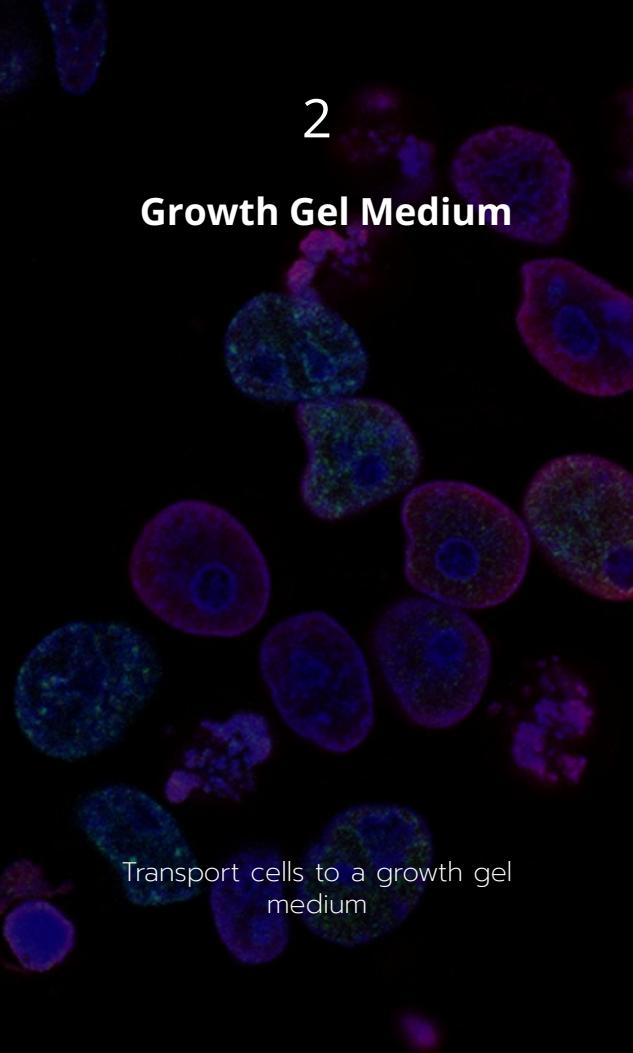
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2

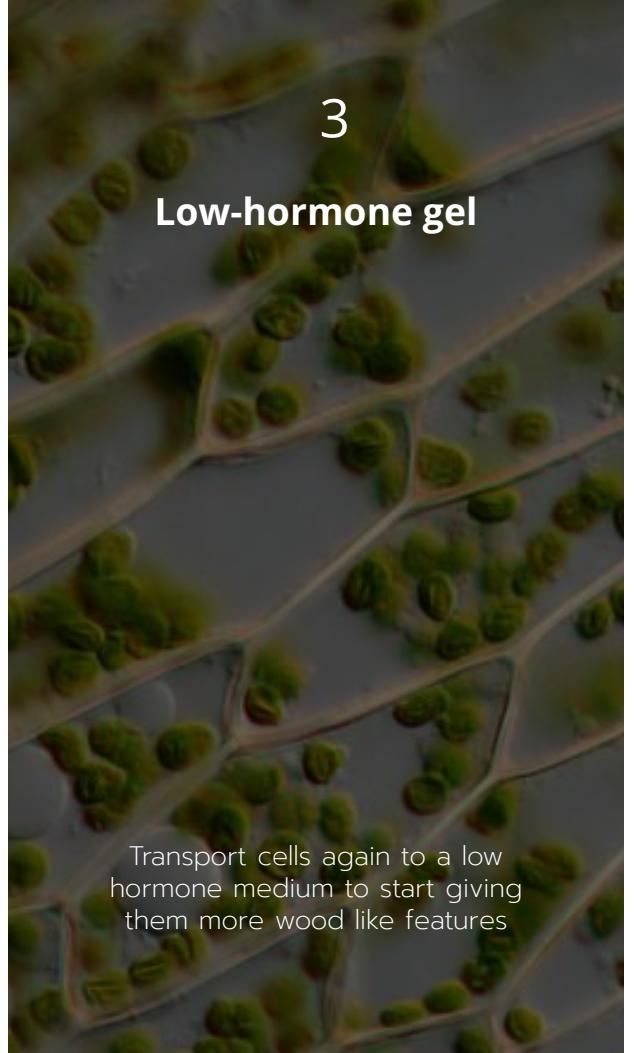
Growth Gel Medium



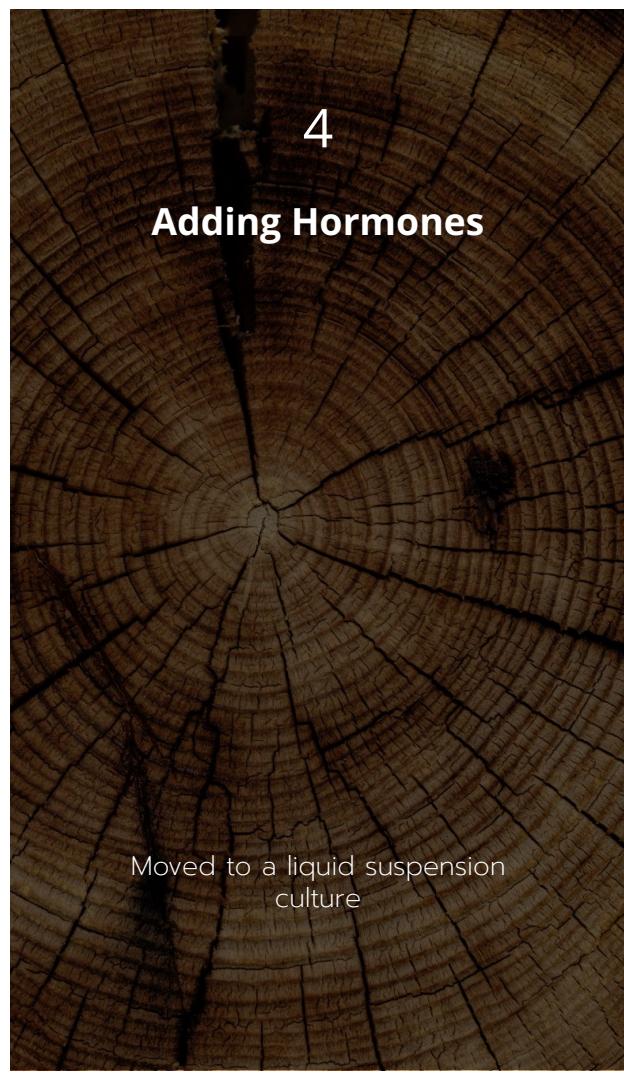
Transport cells to a growth gel medium

3

Low-hormone gel



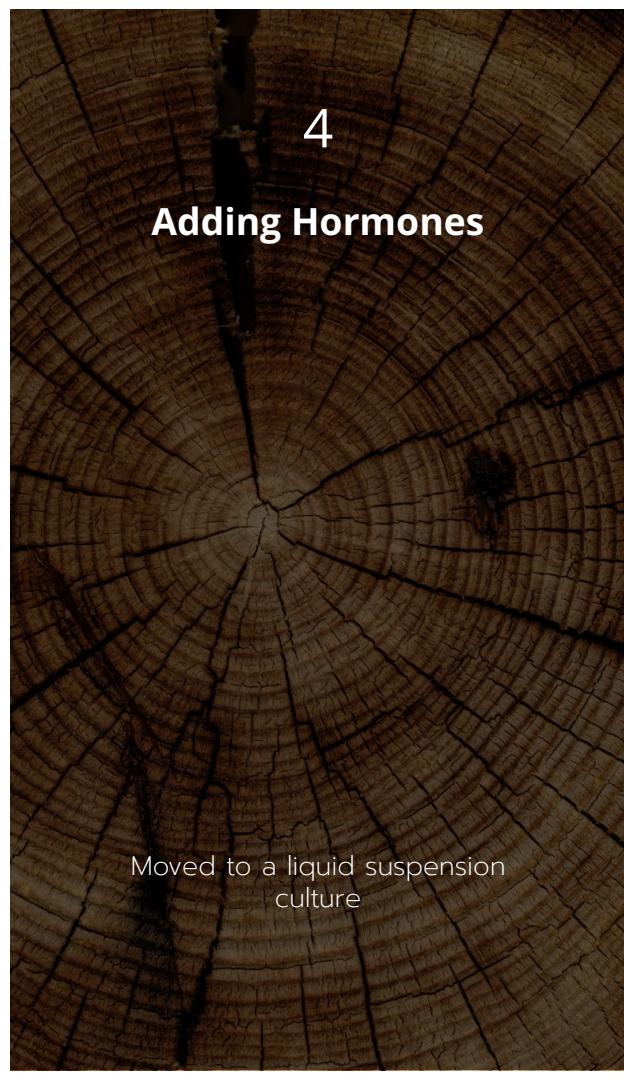
Transport cells again to a low hormone medium to start giving them more wood like features



4

Adding Hormones

Moved to a liquid suspension culture



4

Adding Hormones

Moved to a liquid suspension culture



5

Isolation

Liquid suspension culture mixed with a biopolymer gel

4

Adding Hormones

Moved to a liquid suspension culture

5

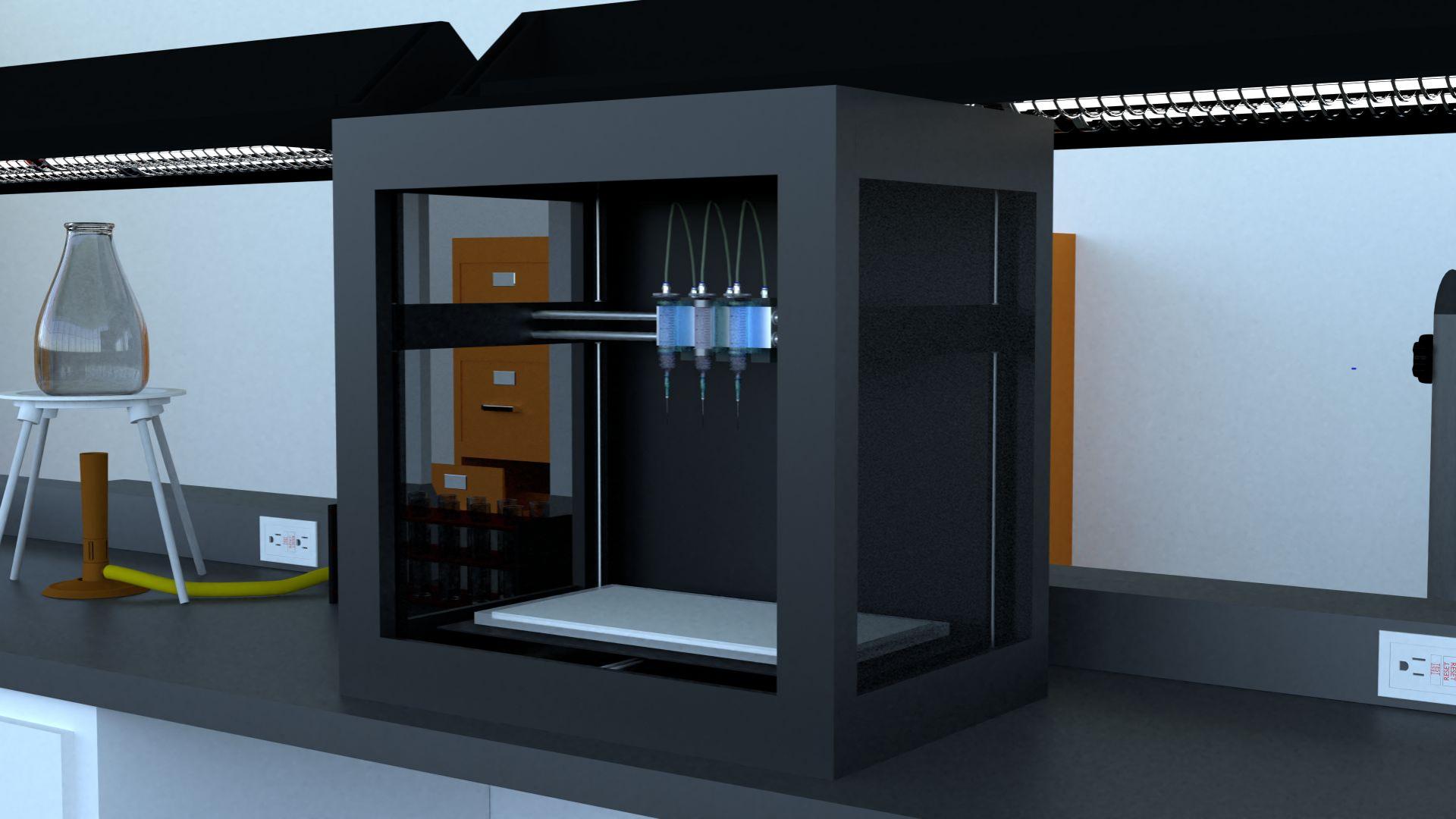
Isolation

Liquid suspension culture mixed with a biopolymer gel

6

Bio-Printing

Gel is printed and then incubated while gel melts and leaves wooden structure standing



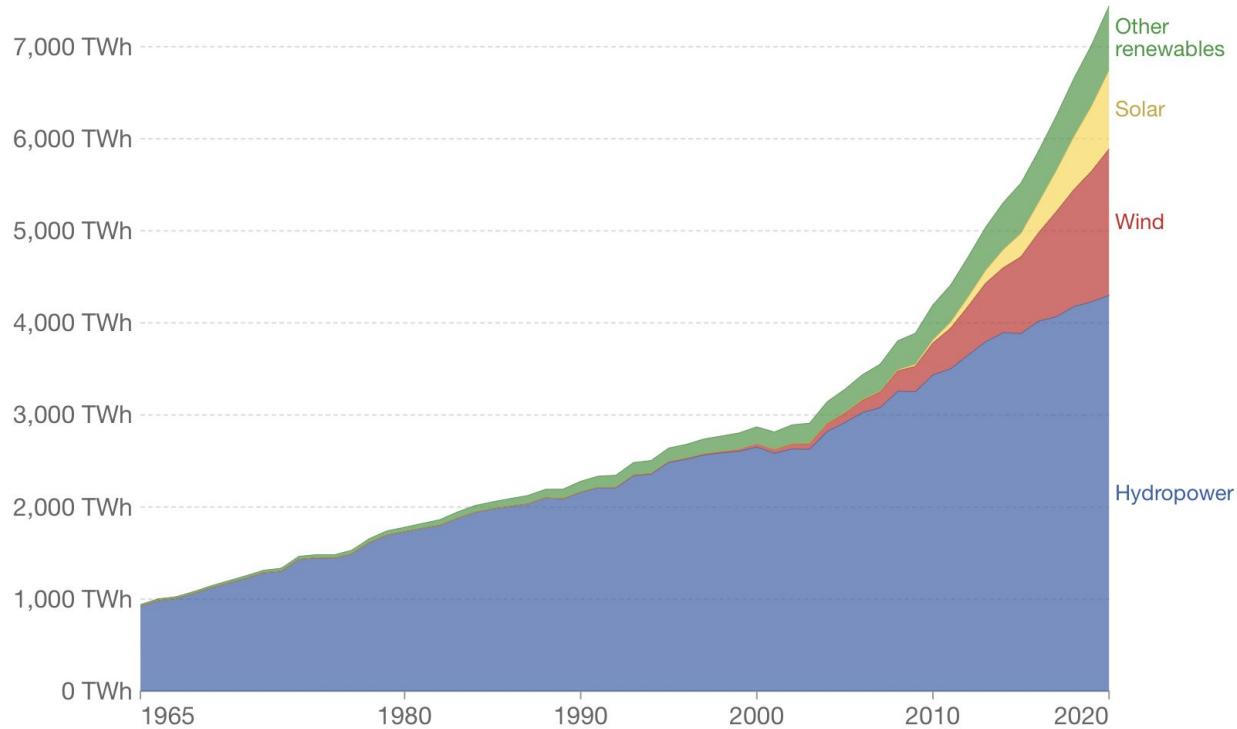
OUR GOAL



**Significantly impact the percentage
of deforestation occurring through
disrupting each sector of the wood
supply chain**

Renewable energy generation, World

Our World
in Data



Source: BP Statistical Review of Global Energy

Note: 'Other renewables' refers to renewable sources including geothermal, biomass, waste, wave and tidal. Traditional biomass is not included.

OurWorldInData.org/renewable-energy • CC BY

Incentives to discontinue non-renewable sources of energy use is causing carbon consumption to decrease in each country

3

Timeline



2022

Acquiring adequate funding



2025

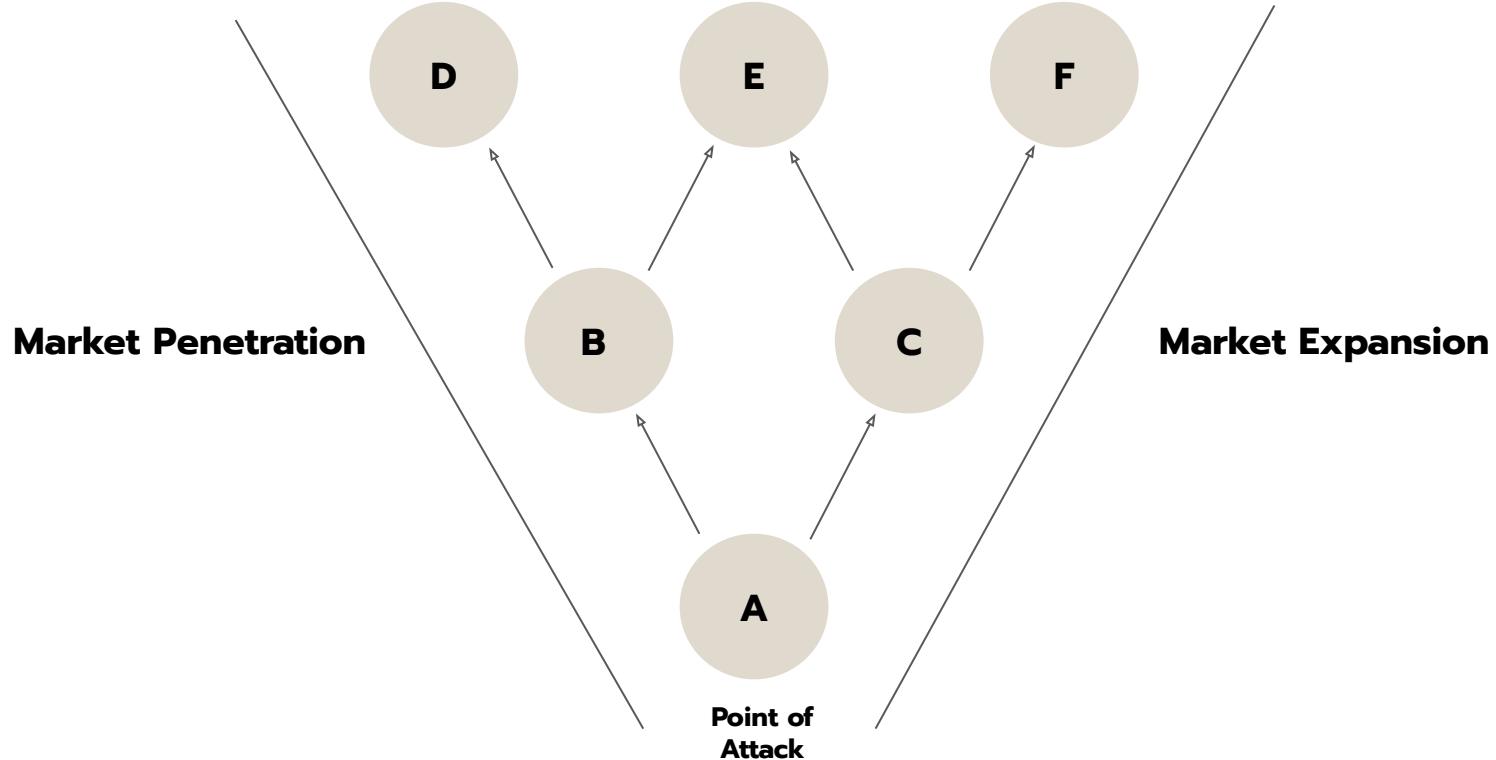
Implementing final research and recruitment



2026

Entering the high-end of the market.

Beachhead Strategy



Tesla's Disruption Strategy



2009 Tesla Roadster

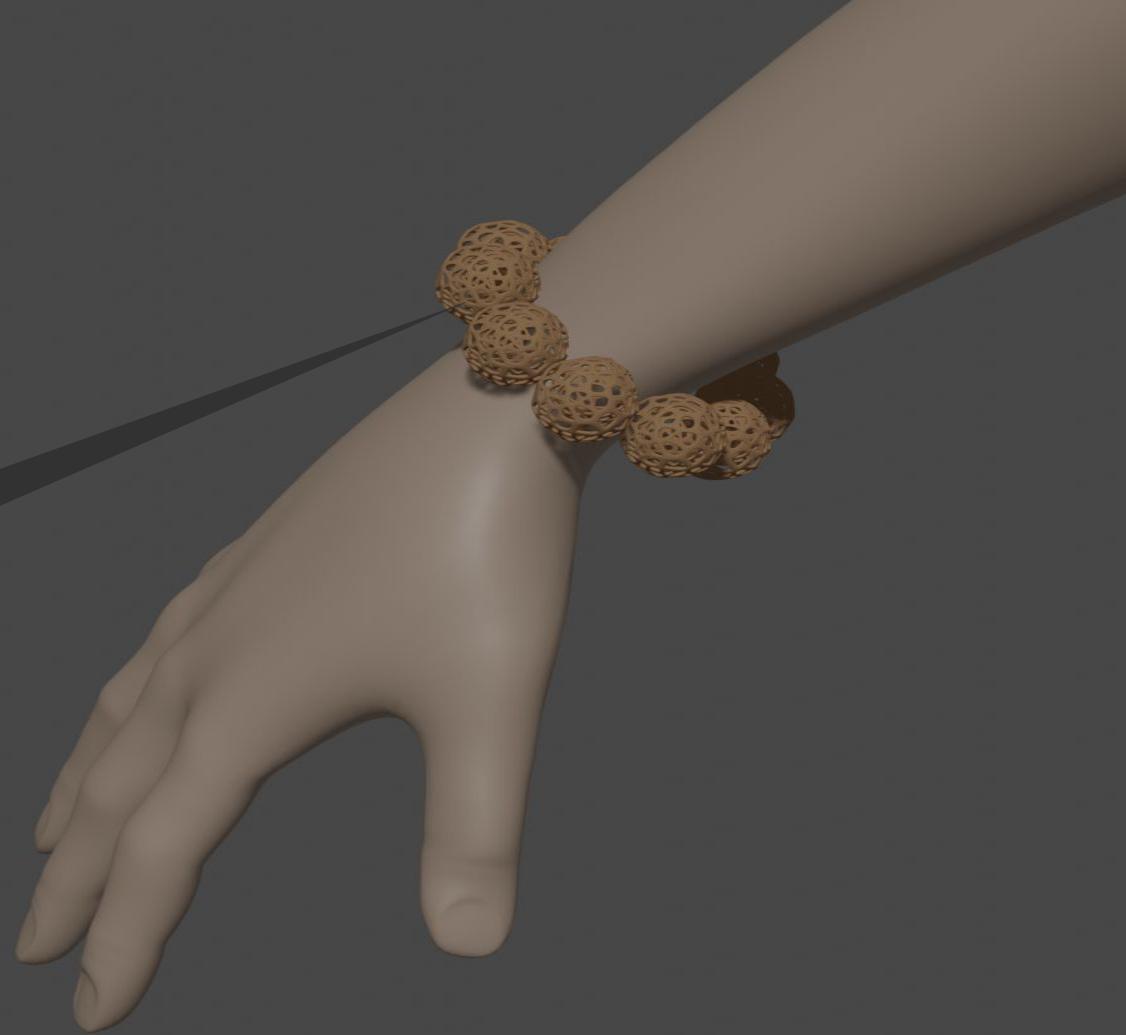


2015 Model X SUV

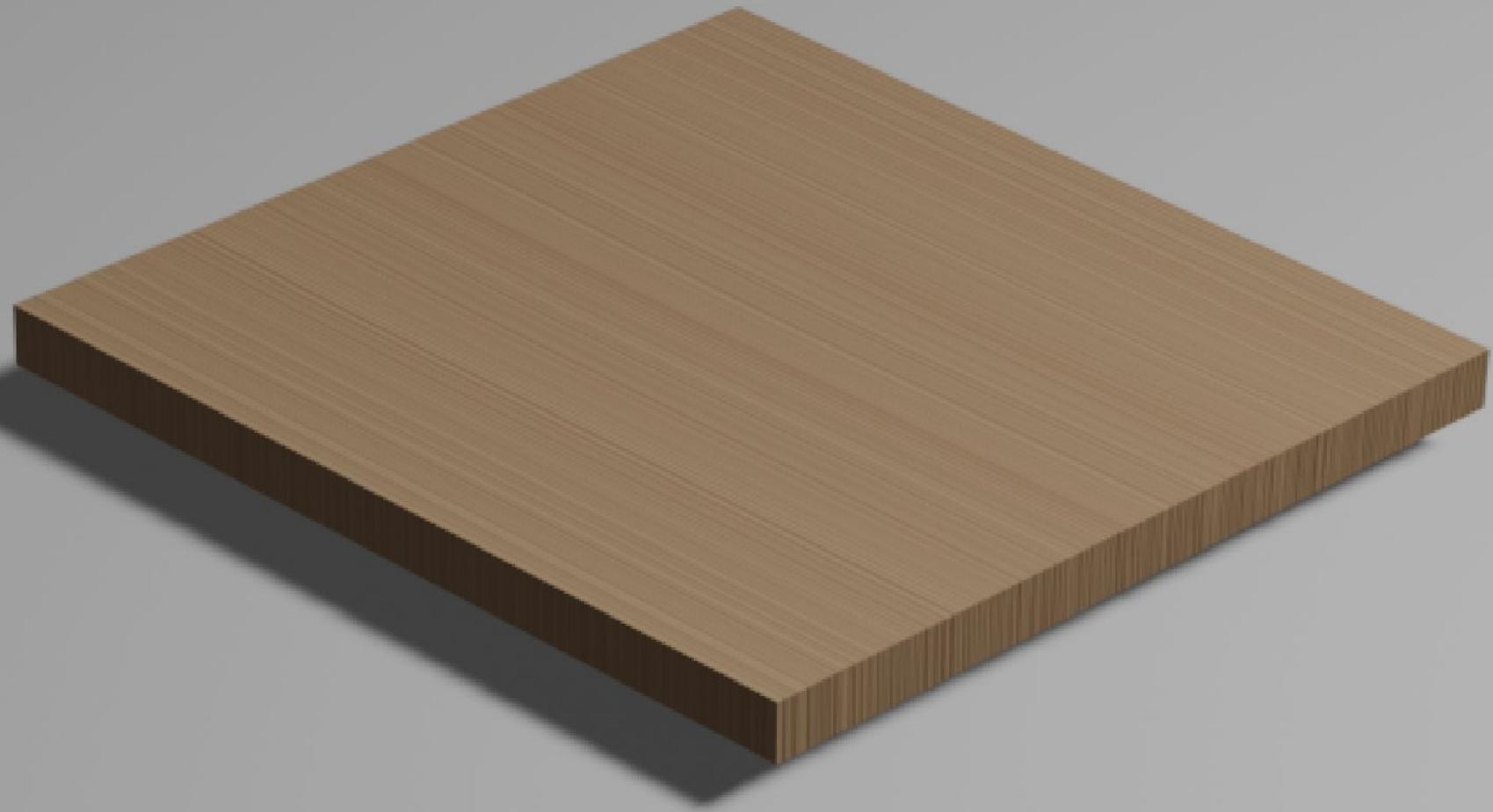


2020 Model Y
Crossover









Timeline



2028

Descending through the market until a selection of furniture is achieved



2030

Opening to a new market in home improvement stores and lumber yards



2032

Sale of our bio-printers to furniture and construction companies

What Experts are Saying

"I hope we can make something reliable and scalable in 5-8 years. The more people involved and the with more interest we can get closer to that [end goal]"



Ashley Beckwith
Founder and CEO of FORAY Bioscience

What Experts are Saying

"The idea of lab grown wood is certainly interesting and I think there's a lot of potential once the biology and technology develops further"



Miranda Meents

Professor and Researcher in Plant Biology and
Cell Biology at Simon Fraser University

What Experts are Saying

"This is one of the most innovative ideas I've heard. I look forward to seeing to how it could develop in the future."



Topher White
Founder and COO of Rainforest Connection



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Zinnix

Meet the ZinniX Team!



**Anushri
Sharma**

CFO



**Emily
Cai**

COO



**Reentika
Awasthi**

CEO



**Simran
Kaur**

CTO



**Aqsa
Agro**

Employee

