

ACTIVITY #3

Type of activity: True or Flase

True / False activity about the previous video.

Sustainability and Innovation - Video Comprehension Questions

1. True or False: FabricNano has developed a way to sustainably synthesize bioplastics and fossil-fuel-free chemical ingredients at scale.
2. True or False: The Empire Building Challenge program in New York City is providing 100 million dollars in funding to high-rise building owners for innovative retrofit solutions.
3. True or False: New technology developed by Swiss labs allows for the creation of electricity from wooden flooring.
4. True or False: Researchers at MIT have discovered how to grow wood in a lab, reducing waste.
5. True or False: Costa Rica has successfully halted and reversed deforestation through a tax on fossil fuels.

ACTIVITY #4

Type of activity: Multiple Choice Questions

Multiple-choice questions about the previous video.

1. What is the main focus of the Empire Building Challenge program mentioned in the video?
 - a. Retrofitting old buildings
 - b. Creating new sustainable buildings
 - c. Providing funding for energy companies
 - d. Investing in nature

2. What is the primary innovation mentioned regarding FabricNano?
 - a. Synthesizing bioplastics sustainably
 - b. Creating human-powered electricity
 - c. Retrofitting buildings with sustainable solutions
 - d. Growing wood in a lab

3. How is wood utilized in the video for generating electricity?
 - a. By using silicone and nanocrystals
 - b. By isolating tunable plant tissues
 - c. By integrating bioplastics
 - d. By growing it in specific shapes

4. What approach does the e-commerce brand mentioned in the video take to reduce waste?
 - a. Producing items in bulk
 - b. Encouraging reselling of unwanted items
 - c. Donating unsold products to landfills
 - d. Avoiding the use of bioplastics

5. What is highlighted as a key factor in Costa Rica's successful forest preservation efforts?
 - a. Taxing fossil fuels
 - b. Investing in cutting-edge technology
 - c. Neglecting ecosystem services
 - d. Contributing to deforestation