

Towards the Future of Materials: Take Part in Transparent Wood Research

Towards the Future of Materials: Take Part in Transparent Wood Research

Thank you for choosing to participate in this questionnaire! As part of the European **AI-TranspWood project** (HORIZON-CL4-2023-RESILIENCE-01

101138191 - GAP-101138191), we are studying the potential of **transparent wood**, an innovative material that combines sustainability, new aesthetics, performance and new application possibilities.

Your answers will help us to understand the level of interest, appreciation and propensity to adopt products made from this material.

Towards the Future of Materials: Take Part in Transparent Wood Research

There are 34 questions in this survey.

Introduction

oraInizio *

{date("U")}

sname_eq

{sname}

gid_eq

{GID}

Gender *

Please choose **only one** of the following:

- ☐ Female
- ☐ Male

Age *

Choose one of the following answers

Please choose **only one** of the following:

- ☐ <18
- ☐ 18-24
- ☐ 25-34
- ☐ 35-44
- ☐ 45-54
- ☐ 55-64
- ☐ 65-74
- ☐ 75+

Country of Residence *

Choose one of the following answers

If you choose 'Other:' please also specify your choice in the accompanying text field.

Please choose **only one** of the following:

- ☐ Spain
- ☐ France
- ☐ Germany
- ☐ Finland
- ☐ Latvia
- ☐ Austria
- ☐ Sweden
- ☐ Other

Introduction

Job *

Choose one of the following answers

Please choose **only one** of the following:

- ☐ Student
- ☐ Worker
- ☐ Unemployed
- ☐ Retired

Educational qualification *

Choose one of the following answers

Please choose **only one** of the following:

- ☐ 1 - RQF entry level 3.
- ☐ 2 - GCSE grades 3-1
- ☐ 3 - GCSE grades 9-4
- ☐ 4 - A-level, RQF level 3, Scottish Higher
- ☐ 5 - HNC, HND, Foundation Degree, RQF levels 4 & 5, Certificate of Higher Education, Diploma of Higher Education
- ☐ 6 - Bachelor's degree with honours, Bachelor's degree without honours, RQF level 6, Graduate Certificate, Graduate Diploma
- ☐ 7 - Master's degree, Postgraduate Certificate, Postgraduate Diploma, RQF level 7
- ☐ 8 - Doctorate, PhD, Professional Doctorate, RQF level 8

In which sector? *

Choose one of the following answers

Please choose **only one** of the following:

- ☐ Scientific-technological
- ☐ Humanistic
- ☐ Linguistic-communicative
- ☐ Socio-economic
- ☐ Artistic-design

Assess your personal interest in the topics of sustainability and material innovation: *

Choose one of the following answers

Please choose **only one** of the following:

- ☐ None
- ☐ Low
- ☐ Medium
- ☐ High

Your knowledge about Transparent Wood

Have you ever heard of "transparent wood"? *

Please choose **only one** of the following:

- ☐ Yes
- ☐ No

Where did you first hear about it? *

Only answer this question if the following conditions are met:

Answer was 'Yes' at question ' [Q922269]' (Have you ever heard of “transparent wood”?)

Choose one of the following answers

Please choose **only one** of the following:

- ☐ Events / conferences
- ☐ Friends and colleagues
- ☐ Television
- ☐ Newspapers or magazines
- ☐ Social media

☐ Other

Please indicate the Nation where you live the most

How realistic do you think it is that a wood-based material can be made transparent? *

Choose one of the following answers

Please choose **only one** of the following:

- ☐ 1- Not at all
- ☐ 2- Very little
- ☐ 3- A little
- ☐ 4- Quite a lot
- ☐ 5- A lot
- ☐ 6- Very much

Your knowledge about Transparent Wood

First impression of transparent wood

Transparent wood, called transparent but in fact translucent, is a material obtained by treating natural wood by chemically removing lignin, a component that gives wood its colour and opacity, and then infiltrating it with a transparent polymer. This process maintains the structure of the wood by making it transparent!

How interesting do you find this material? *

Choose one of the following answers

Please choose **only one** of the following:

- ☐ 1- Not at all
- ☐ 2- Very little
- ☐ 3- A little
- ☐ 4- Quite a lot
- ☐ 5- A lot
- ☐ 6- Very much

Which aspects do you find most interesting? *

Select all that apply

Please select at most 3 answers

Please choose **all** that apply:

☐ Possibility of new applications

☐ Technological Innovation

☐ Environmental Sustainability

☐ Aesthetics

☐ Resistance and durability

☐ Other:

Do you have any doubts or concerns about transparent wood? *

Select all that apply

Please select at most 3 answers

Please choose **all** that apply:

☐ Safety

☐ Final aesthetic appearance

☐ Durability over time

☐ Environmental impact of production

☐ Price

☐ Other:

Your knowledge about Transparent Wood

Propensity for adoption

How willing would you be to use or buy a product made of transparent wood? *

Please choose the appropriate response for each item:

	1- Not at all	2- Very little	3- A little	4- Quite a lot	5- A lot	6- Very much
Touch screens	☐	☐	☐	☐	☐	☐
Backlit screens	☐	☐	☐	☐	☐	☐
Windows	☐	☐	☐	☐	☐	☐
Lighting elements	☐	☐	☐	☐	☐	☐
Furniture	☐	☐	☐	☐	☐	☐
Decorative Panels	☐	☐	☐	☐	☐	☐
Various components for electronic devices	☐	☐	☐	☐	☐	☐

If a transparent wooden product cost 20% (one fifth) more than its counterpart in traditional materials (glass, plastic or ordinary wood), would you consider it? *

Choose one of the following answers

Please choose **only one** of the following:

- ☐ Yes
- ☐ No
- ☐ Depends on the product

And if it cost 50% (one and a half times) more, would you still consider it? *

Choose one of the following answers

Please choose **only one** of the following:

- ☐ Yes
- ☐ No
- ☐ Depends on the product

What factors would most influence your decision to purchase a transparent wood product? *

Select all that apply

Please select at most 3 answers

Please choose **all** that apply:

☐ Sustainable provenance

☐ Brand

☐ Innovation

☐ Price

☐ Durability

☐ Aesthetics

☐ Other:

How important would environmental sustainability be to you when deciding to buy a transparent wood product? *

Choose one of the following answers

Please choose **only one** of the following:

☐ 1- Not at all

☐ 2- Very little

☐ 3- A little

☐ 4- Quite a lot

☐ 5- A lot

☐ 6- Very much

Sustainability understood as: conscious sourcing of raw materials, production and processing, disposal

Have you ever felt the need for a wooden artefact with the characteristic of transparency? *

Please choose **only one** of the following:

- ☐ Yes
- ☐ No

In what field(s)? *

Only answer this question if the following conditions are met:

Answer was 'Yes' at question ' [Q967141]' (Have you ever felt the need for a wooden artefact with the characteristic of transparency?)

Please write your answer here:

In case of multiple answers, divide them with a ;

Which artefact(s) do you imagine? *

Only answer this question if the following conditions are met:

Answer was 'Yes' at question ' [Q967141]' (Have you ever felt the need for a wooden artefact with the characteristic of transparency?)

Please write your answer here:

In case of multiple answers, divide them with a ;

Comparison

Comparison with traditional materials

Compared to materials such as glass, how would you rate transparent wood in terms of: *

Please choose the appropriate response for each item:

	Much worse	Worse	Same	Better	Much better
Novelty	☐	☐	☐	☐	☐
Environmental impact	☐	☐	☐	☐	☐
Durability	☐	☐	☐	☐	☐
Safety	☐	☐	☐	☐	☐
Aesthetic	☐	☐	☐	☐	☐

Compared to a transparent plastic material (such as plexiglass), how would you rate transparent wood in terms of: *

Please choose the appropriate response for each item:

	Much worse	Worse	Same	Better	Much better
Novelty	☐	☐	☐	☐	☐
Environmental impact	☐	☐	☐	☐	☐
Durability	☐	☐	☐	☐	☐
Safety	☐	☐	☐	☐	☐
Aesthetic	☐	☐	☐	☐	☐

In which contexts or generic product categories would you like to see transparent wood applied? *

Please write your answer here:

Which products would you like to see made of transparent wood? *

Please write your answer here:

What would convince you most to adopt or purchase a product made from this material? *

Please write your answer here:

Do you have comments to share? Or curiosities to ask? *

Please write your answer here:

tempoTotale

{date("U") - orainizio}

Thank you for participating!

Your answers will help understand how this innovative material is perceived and guide future research and applications.

Submit your survey.

Thank you for completing this survey.