



Wood composite set to eliminate CO2 emissions of the ceramics industry

Fact Sheet

Project Information

WOODRY

Grant agreement ID: 967872

[Project website](#)

DOI

[10.3030/967872](https://doi.org/10.3030/967872)

Project closed

EC signature date

19 February 2021

Start date

1 March 2021

End date

31 October 2023

Funded under

INDUSTRIAL LEADERSHIP - Innovation In SMEs

Total cost

€ 3 560 000,00

EU contribution

€ 2 492 000,00

Coordinated by

WOODIO OY

 Finland

Project description

Wood composite sustainable alternative to ceramic products

Ceramics is one of the world's most polluting industries, emitting high levels of CO2 and dust particles in addition to producing large quantities of contaminated water. A sustainable alternative to ceramics called Woodio is the first 100 % waterproof solid wood composite material that can be mass produced to replace ceramic products. Woodio includes patent-pending innovations for both composite materials and production methods. The functionality of the material plus its unique look and feel

make it an ideal replacement for ceramic products, and it has been successfully used in hotels and restaurants in Finland. The EU-funded WOODRY project will facilitate scale-up from small-scale manual production to an automated manufacturing facility, thereby significantly reducing manufacturing costs.

Fields of science (EuroSciVoc)

[engineering and technology](#) > [environmental engineering](#) > [water treatment processes](#) > **[drinking water treatment processes](#)**

[engineering and technology](#) > [materials engineering](#) > **[composites](#)**

[engineering and technology](#) > [industrial biotechnology](#) > **[biomaterials](#)**

[engineering and technology](#) > [materials engineering](#) > **[ceramics](#)**

[agricultural sciences](#) > [agriculture, forestry, and fisheries](#) > **[forestry](#)**



Keywords

[Wood composite](#)

[replacement to ceramics](#)

[sanitary ware](#)

[tiles](#)

[solid surfaces](#)

[sustainable materials](#)

[design](#)

[production automation](#)

Programme(s)

[H2020-EU.2.3. - INDUSTRIAL LEADERSHIP - Innovation In SMEs](#)

MAIN PROGRAMME

[H2020-EU.3. - PRIORITY 'Societal challenges](#)

[H2020-EU.2.1. - INDUSTRIAL LEADERSHIP - Leadership in enabling and industrial technologies](#)

Topic(s)

[EIC-SMEInst-2018-2020 - SME instrument](#)

Call for proposal

[H2020-EIC-SMEInst-2018-2020](#) 

[See other projects for this call](#)

Sub call

H2020-EIC-SMEInst-2018-2020-3

Funding Scheme

[SME-2 - SME instrument phase 2](#)

Coordinator



WOODIO OY

Net EU contribution

€ 2 492 000,00

Total cost

€ 3 560 000,00

Address

KAUKUKATU 2C

00530 Helsinki

+ Finland

SME

Yes

Region

Manner-Suomi > Helsinki-Uusimaa > Helsinki-Uusimaa

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

[Contact the organisation](#)

[Participation in EU R&I programmes](#)

[HORIZON collaboration network](#)

Last update: 27 May 2024

Permalink: <https://cordis.europa.eu/project/id/967872>

