

HORIZON
2020

Technologically Enhanced European Wood for Substituting Endangered Tropical Woods

Fact Sheet

Project Information

TEEWood

Grant agreement ID: 805912

[Project website](#) 

DOI

[10.3030/805912](https://doi.org/10.3030/805912) 

Project closed

EC signature date

8 February 2018

Start date

1 February 2018

End date

31 July 2021

Funded under

SOCIETAL CHALLENGES - Climate action, Environment, Resource Efficiency and Raw Materials

Total cost

€ 2 191 281,00

EU contribution

€ 1 533 896,70

Coordinated by

SWISS WOOD SOLUTIONS AG



Switzerland

Objective

Many tropical woods are highly esteemed for making musical instruments and for making high quality cues for billiard sports, owed to their excellent physical properties, such as high hardness, resistance to moisture, acoustics. However, they suffer from overexploitation, which has led to severe ecological (climate change), economical (disappearance of classical occupations, trade restrictions), political (piracy, corruption, illegal trade), cultural and societal consequences. In order to

counteract the extinction of tropical forest more than 180 countries have increased their efforts to fight against the illegal logging and trade of tropical woods (CITES). Consequently, trade of and travelling with tropical wood containing goods is being strictly controlled and prosecuted in the absence of a legality proof. This results in a pain for both B-to-B customers as well as the end-customers (e.g) musicians. To solve these problems, there is an urgent need for sustainable alternative materials to replace the tropical woods. Swiss Wood Solutions AG (SWS) has developed a real wooden substitute material –the Swiss Ebony Line, a technologically enhanced wood material made of European wood species from certified sustainable forests. The product line features similar or even better physical properties (such as hardness, density, acoustics) than the natural tropical woods. The objective of the project is to upscale the established process in terms of product dimensions (size) as well as annual production volume, in order to enter the markets of bigger stringed musical instruments (guitars, cellos etc.) marimbas and the market of cue sports. Furthermore, a comprehensive market analysis for application fields and intensive marketing activities are the other important project objectives, which will definitely help SWS to enter the market quicker and grow faster.

Fields of science (EuroSciVoc)

[engineering and technology](#) > [materials engineering](#) > [colors](#)

[natural sciences](#) > [physical sciences](#) > [acoustics](#)

[natural sciences](#) > [biological sciences](#) > [ecology](#) > [ecosystems](#)

[natural sciences](#) > [earth and related environmental sciences](#) > [atmospheric sciences](#) > [climatology](#) > [climatic changes](#)

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



Programme(s)

[H2020-EU.3.5. - SOCIETAL CHALLENGES - Climate action, Environment, Resource Efficiency and Raw Materials](#)

MAIN PROGRAMME

[H2020-EU.2.3.1. - Mainstreaming SME support, especially through a dedicated instrument](#)

Topic(s)

[SMEInst-11-2016-2017 - Boosting the potential of small businesses in the areas of climate action, environment, resource efficiency and raw materials](#)

Call for proposal

[H2020-SMEInst-2016-2017](#) 

[See other projects for this call](#)

Sub call

H2020-SMEINST-2-2016-2017

Funding Scheme

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

Coordinator



SWISS WOOD SOLUTIONS AG

Net EU contribution

€ 1 533 896,70

Total cost

€ 2 191 281,00

Address

STEFANO-FRANSCINI-PLATZ 3

8093 ZURICH

 **Switzerland** 

SME 

Yes

Region

Schweiz/Suisse/Svizzera > Zürich > Zürich

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](#) 

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Permalink: <https://cordis.europa.eu/project/id/805912>

European Union, 2025

