

COMET Project

CARpenTiER



Modelling, Production and further Processing of Eco-Hybrid Structures and Materials

>> **Main location:** Weiz/Styria

>> **Other locations:** Tulln/Lower Austria, Graz/Styria

>> **Thematic focus**

Material and process simulation, process control, wood hybrid materials and their manufacturing processes, Socio-Economic and Environmental Impacts

>> **Planned realisation and outcomes**

Function-oriented process control, mathematical relationships between material parameters and process parameters, development of manufacturing processes for wood hybrid materials, development of new wood hybrid material composites, models to describe the socio-economic and environmental impacts of the production of wood hybrid materials.

>> **Selected partners**

Company partners (max 10)

1. Weitzer Parkett Ltd. & Co.KG
2. DI Gottfried Steiner - Engineering office for plastics technology
3. LEAN Management Consulting Ltd.
4. EJOT AUSTRIA Ltd. & Co KG
5. FHP Cooperation platform Forst Holz Papier
6. ACStyria Mobilitätscluster Ltd.
7. Holzcluster Steiermark Ltd.
8. Glanzstoff Management Ltd.
9. Fill Ltd.
10. Klumpp Coatings Ltd. (D)

Scientific partners (max 5)

1. Weizer Energy- Innovation- Centre Ltd.
2. BOKU Vienna- Material Sciences and Process Engineering
3. TU Graz- Institute of Materials Science, Joining and Forming
4. VIRTUAL VEHICLE Research Ltd.
5. KFU Graz - Systems Sciences, Innovation and Sustainability Research

International partners (max 3)

1. Volkswagen Group (D)
2. Collano AG (CH)
3. DYNAmore Ltd. (D)

>> **Duration of the COMET Project:** 03.2021 – 02.2025 (4 years)

>> **Number of personnel:** 10,45 FTE, thereof 8,69 scientists

>> **Leader of consortium**

Mag. (FH) Bernadette Karner, Consortium Leader

>> **Weizer Energie- Innovations- Zentrum GmbH**

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