

COST E29: INNOVATIVE TIMBER AND COMPOSITES ELEMENTS/COMPONENTS FOR BUILDINGS

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The Working Groups and their leaders are
Chairman: **Dr Vahik Enjily, BRE**

- WG1** Design, construction and manufacturing.
Dr Jan-Willem van de Kuilen, Delft University.
- WG2** Fire safety. Dr Juergen Koenig, SP Tratek.
- WG3** Acoustic, low frequency vibration & thermal performance.
Matthias Schmid, Biel University.
- WG4** Environmental impacts & durability.
Prof. Dr Zsolt Kovacs, University of West Hungary.
- WG5** Documentation. Dr Julie Bregulla, BRE.
- WG6** Earthquake engineering and connections.
Dr Alfredo Dias, COIMBRA
- WG7** Conformity assessment. Dr Jelena Srpacic, ZAG.



COST E29: TO EXCHANGE INFORMATION AND KNOWLEDGE ON:

- Use of innovative timber and composite elements in the domestic and commercial building sector in Europe.
- Manufacturing processes for innovative timber and composite elements.
- Relevant Codes and Standards.
- To help develop new techniques for fire and other safety engineering issues in timber buildings.
- To gather information to improve the acoustic and thermal performance of innovative timber construction.
- To support the reduction of the environmental impact of the production processes and to increase the recyclability of the innovative timber composites.
- To promote the use of cost-effective and environmental friendly building technologies in Europe.
- To increase confidence in timber and composite elements used in buildings in European countries with limited experience with timber products. Thereby leading to improvements in current, national building regulations.
- To provide more information about timber and thereby improve the competitiveness of wood and composites as safe and performing structural materials.

The relevant research issues are grouped into the following main areas:

- Design and construction and manufacturing
- Fire Safety
- Acoustics and thermal performance
- Environmental impacts and durability
- Further work topics are planned: Namely earthquake engineering and conformity assessment.



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