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Involvement in the COST Action: Chair of Action, Member of SC, Member of MC, Member of WG2

Research interest

Development of innovative, environmentally friendly, biogenic materials, products and processes, development of biogenic material based panels, surface modification using environmentally friendly products (tannin based, plant extracts,...).

Specialized technique available at my institution is:

Software and tools for:

- Life Cycle Cost (LCC), life cycle cost analysis (LCCA)
- integrated life-cycle analysis (LCA): LEGEP and GaBi

Additional comment

Research concept

The Institute for Construction Economics' research focuses on the systematic handling in connection with planning, construction, and occupancy of buildings and objects. Central to these endeavours are methods and instruments of a holistic management of projects and real estates for building owners, users, operators as well as for the construction industry as a whole.

The current Institute's research areas include:

- early stage planning of life cycle costs
- energy efficient design
- holistic building project and real estate management
- trends in planning and operation theory

The research portfolio covers, besides questions related to construction economics as a main objective, also ecological, social and cultural issues. Common to all is a holistic approach to planning, construction, and the use of buildings beginning with first design idea and ending with the demolition of the building.