

S | E | E | WOOD

STYRIAN ENGINEERING FOR ECOLOGY | WOOD

Architecture

Central to the comprehensive planning services which SEEWOOD offers is the realization of a high architectural standard. In addition to offering convincing technical and economical solutions, we ensure a high-quality design of the building project which naturally generates added value for client and user.

Construction

The competence and experience of our structural engineers, who are continually working on innovative improvements and the development of new structural systems, guarantees tailored engineering solutions for each and every building project. This includes the employment of structural systems appropriate for the material involved, the dimensioning and calculation of construction pieces according to up-to-date guidelines and methods, and the consideration of design, technical, and economic wishes and criteria.

Wood

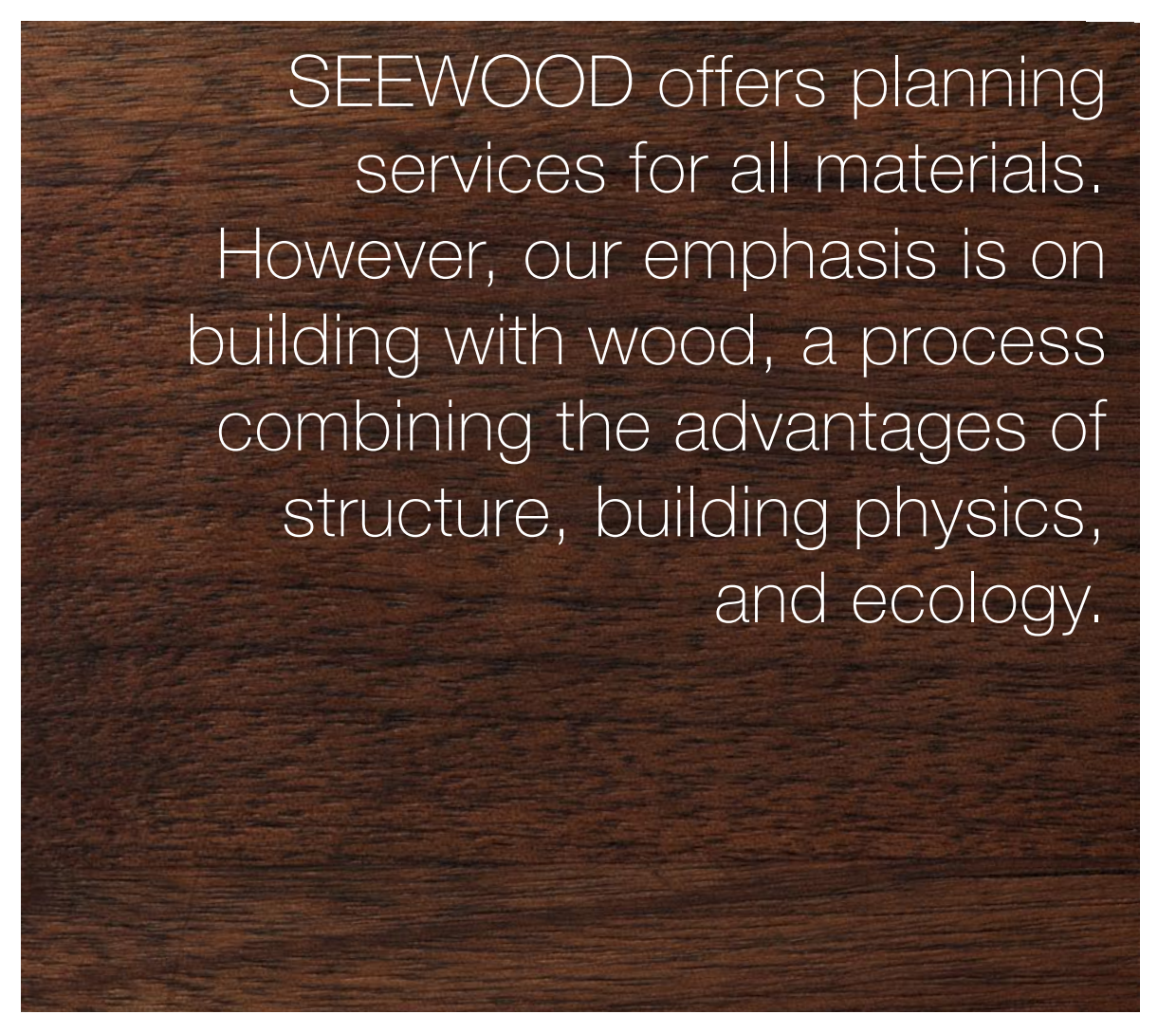
SEEWOOD offers planning services for all materials. However, our emphasis is on building with wood, a process combining the advantages of structure, building physics, and ecology. All partners from SEEWOOD have extensive experience with timber construction, and actively take part in technical and material-specific innovations which make wood into a modern building material with an exciting future.

Sustainability

Our work takes an appropriate approach to resource use. Our decisions are influenced from the beginning with the proper siting of the building, the choice of materials, the type of construction, the use of energy and working materials up to the end use of the building. Equally, serious consideration is given to future maintenance costs and requirements and each building component's ability to be recycled.

Cooperation

The organizational and legal core of SEEWOOD is the interdisciplinary planning team of four partners. Associated planners guarantee a trim and flexible structure, which can react according to need and local requirements. SEEWOOD offers comprehensive solutions without the friction caused by communication problems or the search for the right partner.

The background of the slide is a dark, rich brown wood with a prominent vertical grain pattern. The wood grain is slightly darker in some areas, creating a textured, natural appearance. The text is centered and written in a clean, white, sans-serif font.

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Hohensinn Architecture



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Our attitude towards architecture centres on two principles: a certain prudence with the existing and respect for the needs of the user. These premises define the design and determine the approach to a project. Through clever, user-oriented planning and appropriate management of a situation's realities, we strive for quality and synergies which pull together the interests of the stakeholders and fulfil the ordered and structured task of a responsible architecture.

Completed projects (selection)

Justice Centre Leoben, general planning

Training Centre GAK

Sport and Recreation Centre, Bad Aussee

House Johannhöhe, Graz single-family home, timber building system

Volpe housing development Weiz, timber building system

Kindberg housing, timber building system

Revitalisation of the former Reiter barracks, Graz

Impulse Centre Zeltweg, Timber innovation centre,

timber frame construction

Hotel am Domplatz, Linz

Lannach community centre

Projects under construction (selection)

Winterhafen "Living on the Danube", Linz

Gleisdorf district nursing home

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Nussmüller Architects



Nussmüller Architects

Architecture – Quality – Creativity define our main concerns in all of our projects. For us, architecture means building with the most precious materials such as proportion, light, and color. Quality means a targeted choice and appropriate use of materials. Creativity is the joining of user desires, local conditions, and financial budgets to an artistic whole. Our services comprise planning, tenders, construction site management, project development, project management, and general planning. Reference projects include housing developments, schools, sport and event centers, refurbishments, and revitalizations, documenting the wide planning spectrum of the office. In the realm of interior architecture, the team has increasingly been active in the areas of museums and exhibitions since 2000, in addition to having experience in designing office and bank interiors.

Completed projects (selection)

Mayr-Melnhof headquarter
Leoben kindergarten, crèche, after-school care centre
Wildon primary school
Building technology centre at Graz University of Technology

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Koppelhuber Structural Engineering

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Implementing architectural and structural challenges with timber and offering economical solutions to the client – such are the demands of a structural engineer.

In order to be able to use the exceptional strength and the specific characteristics of wood, special techniques are required. In connection with the materials steel, glass, and concrete, a variety of planning solutions can be generated. We would like to utilize our competence and experience to accelerate the application of timber, and grant wood its rightful place in construction in light of ecological and technical arguments.

Completed projects (selection):

Living stage on a slope, Haus im Ennstal, Solid Timber system
Austrian Olympic Committee House in Sestriere – Olympia 2006,
Solid Timber system
Stia offices and showroom, Admont
Elementary School, Wildon; 3 storey, Solid Timber system
Eurogast Liezen, Large-scale market; Steel Truss Framework
BSP-Hall, MM Systemholz, Gaishorn; 12,000 m² Hall,
Timber Truss Framework

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J. Riebenbauer Structural Engineering



J. Riebenbauer Structural Engineering

Structural Engineering and statics require a holistic understanding of the respective building task. In this sense, we see ourselves as a partner from the initial concept design stage to the implementation of complex building projects, taking into account the general conditions. With the assistance of modern dimensioning software we develop support structures optimized for each particular requirement. Our practical project experience ranges from bus stops to industrial halls, heavy-load bridges and passive-energy housing developments, to higher buildings and projecting building parts. Certainly an emphasis of our work is the application of ecological materials, in particular timber.

Completed Projects (selection)

Passive Energy Housing development in Vienna, Mühlweg, 5 storey housing
Impulse Centre Zeltweg, 2–4 storey office building
Journalist Housing for the Olympics, Turin, 800 Bed Hotel
Equestrian Hall in Flyinge, Sweden, 50 x 100 m free-spanning hall
Weissenbach Bridge, 40 m free-spanning street bridge
Kneipp viewing tower, auffen, 31 m high tower

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Sustainability



Seewood stands for sustainable, comprehensive planning. Sustainability is achieved by means of a symbiosis of low energy consumption, low life-cycle costs, optimum indoor climate, and architectural quality. Seewood elaborates bespoke sustainable solutions and offers a holistic building concept, from development, planning and design to realisation of the project. Sustainable concepts already include an optimisation of building energy costs and an exact breakdown of life-cycle costs during the initial stages of development.

High-quality ecological timber construction takes into account aspects of energy efficiency and commercial viability in addition to factors of health and environmental protection in production, application, utilisation and renaturation or recycling.

Nussmüller Architects – Sun City residential complex, Leoben

The “Sun City” residential complex was built to low-energy house standards. In addition to a concept including solar power, local biomass-based heating, and grey water recycling, the project also incorporated ideas for sustainable use with various types and sizes of adaptable apartments.

Winner of the 2003 Styrian Timber Construction Prize (special prize for ecological building)

Hohensinn Architecture – Thermal renovation of Dieselweg residential complex, Graz

Now just over fifty years old, the Dieselweg residential complex, that was built around 1950 and totals 204 dwellings, was extensively renovated in 2009. Conversion to passive house standards was accomplished by means of a solar façade prefabricated from wooden elements and installed over the existing façade storey by storey. This façade system is part of an integrated building energy concept that reduced the heating energy requirement and CO₂ emissions by more than 80 %.

Winner of the 2010 Merit Prize for Exemplary Housing Construction

Nominated for the 2009 Austrian Climate Protection Prize

Nominated for the 2010 Energy Globe World Award

Winner of the 2009 Energy Globe Styria Award

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