ATP architects engineers
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Press release

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The Faculty of Engineering Sciences of the University of Innsbruck and ATP architects engineers in the spotlight.

(Innsbruck) Federal Minister Andrä Rupprechter presented the "State Prize for Architecture and Sustainability" to the winner out of 76 submissions during a ceremonial gala on 4th October 2017 in Innsbruck. Honorable mentions were awarded to six further exemplary architectural projects including the Faculty of Engineering Sciences of the University of Innsbruck which was remodeled and comprehensively refurbished by ATP architects engineers (Innsbruck).

The university building of the Faculty of Engineering Sciences is particularly notable for a huge reduction in energy consumption (of up to 85 %). The ecological element façade incorporates innovative compound top-hung windows with automatic solar protection and can react perfectly to extreme weather conditions. The lifecycle-oriented building services concept made it possible to create a very dense and compact low-tech building that is largely naturally ventilated and, according to the EnerPHit requirements, meets the "passive house refurbishment standard".

This high quality in terms of energy efficiency and sustainability was made possible by the perfect interaction of architects and structural and building services engineers in the context of ATP's integrated design process. The ATP project team was reinforced from the very earliest design phases by experts in lifecycle cost analysis, energy simulation, and technical feasibility studies.

ATP was commissioned with both the redesign and comprehensive refurbishment of the Faculties of Architecture and Engineering Sciences of the University of Innsbruck following an EU-wide competition (2009). The project has already received a number of awards including the Energy Globe Tirol 2016, the TQB (Total Quality Building) Certificate, and klima:**aktiv** Standard Gold. In April 2016 the Faculties of Architecture and Engineering Sciences received the "Innovative Building 2016" prize at Vienna University of Technology. In September 2016 Austria's Federal Ministry for Transport, Innovation and Technology (bmvit) nominated the engineering tower as a "Building of the future demonstration project", making it a landmark project at the European scale. The comprehensive refurbishment of the Faculty of Engineering Sciences in Innsbruck was one of two demonstration objects of "BIGMODERN", a modernization initiative of the client, the Bundesimmobiliengesellschaft m.b.H., on the basis of which target criteria were tested in terms of practicality.

This is the fifth time that the Federal Ministry of Agriculture, Forestry, Environment and Water Management (BMLFUW) has organized the State Prize for Architecture and Sustainability. This honors projects which set important accents in terms of not just architecture but also sustainability in line with klima**aktiv** criteria. In a multiphase process the professional jury selected eleven projects which it considered worthy of receiving the award

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corporate profile

architects and engineers for excellent buildings

ATP architects engineers is Europe's leading integrated design company and has a team of around 650 employees. With a headquarters in Innsbruck (AT) and the support of its own research and consulting subsidiaries, ATP carries out design work at nine European offices located across the DACH and CEE Regions.

Core Competence
With 40 years' experience of interdisciplinary planning ATP is the market leader in the Integrated Design (ID) of lifecycle-oriented buildings. This culture of cooperation requires an efficient organization and clear rules. This process of integrated design at ATP has been ISO certified since 2014.
The "Design Process Leader" – who has overall responsibility for a project and is a single point of contact for the client – leads an interdisciplinary ATP team of architects, structural and building services engineers and site supervisors from the initial idea through the entire design and construction process to the handover to the facility management. In this process the team makes full use of the synergy potential of interdisciplinary knowledge while avoiding the information deficits of the traditional consecutive planning process.

ATP has a **user-oriented** approach. Prior to the detailed design process ATP's consulting companies support potential clients in such sectors as food, health, housing and tourism to evaluate how a potential building project could best support their core processes.
Only after the client's corporate vision has been transformed into a realizable project strategy is the detailed brief defined on the basis of documented strategic and feasibility planning. This is followed by either the preparation of a planning competition or the direct commissioning of ATP to deliver lifecycle-oriented, BIM-supported integrated design processes which are geared towards a sustainable use period.

Innovation Leader in the DACH Region with BIM (Building Information Modeling)
The global trend towards digitalization is transforming the construction sector in a way that is also strongly changing the design process. Due to its cooperative design culture, ATP is ideally positioned to make full use of the advantages of BIM.
The BIM standard which has been developed by ATP over many years was incorporated into the Austrian BIM Norm (*ÖNORM A 6241*) which came into effect in 2015 and is shared with all market participants via the knowledge platform BIM Pedia. BIM has been used throughout ATP since 2014. The virtual data model of every building is transformed into a "digital twin" that is handed over "as built" to the facility management upon completion.

Design, Research, Sustainability
The output from ATP's D&R Studios and the research company ATP sustain ensure that the latest systemic and technological developments are incorporated into the design process. ATP is also intensely involved in scientific research in the area of integrated design through its cooperation with Vienna University of Technology (TU Wien).
ATP is a founder member of the DGNB e. V. and the ÖGNI and a founder and board member of IG Lebenszyklus Hochbau.

The ATP Partnership (since 1990) enables a large number of employees to share corporate responsibility and participate in corporate success. Partners, Associate Partners and Associates embody ATP's corporate culture. Members of the partnership are notable for their entrepreneurial and professional skill and their level of interdisciplinary commitment in such areas as the ATP Academy, ATP's in-house knowledge management system, the empowerment of women and the support of the family life of our employees.
Due to the above-average length of service of this broadly based leadership team (an average of 13 years) ATP is able to retain the knowledge generated by its work, despite its constant growth.
In 2017 ATP has eight partners (shareholders), 32 associate partners and 71 associates. This means that around 20 % of all employees belong to the ATP partnership.

Vision:
We want to change our world for the better through excellent buildings.

- **Established:** 1951
  Pioneer of Integrated Design in Continental Europa: since 1976
- **Employees:** approx. 650

- **Partners** (Shareholders):
  Christoph M. Achammer
  Ulf Bambach
  Gerald Hulka
  Werner Kahr
  Robert Kelca
  Horst Reiner
  Dario Travas
  Matthias Wehrle

- **9 European offices for Integrated Design:**
  Innsbruck
  Wien
  München
  Frankfurt
  Berlin
  Zürich
  Zagreb
  Budapest
  Moskau

- **Design sectors:**
  Production and logistics
  Retail and entertainment
  Offices and administration
  Health
  Education and research
  Tourism
  Housing
  Multifunctional buildings
  Urban planning

- **Research:**
  ATP sustain
  D&R Studios

- **Consulting companies:**
  - **redserve**
    real estate development services
  - **conviva**
    Consulting company for participative and cooperative building
  - **foodfab**
    Consultant to the food industry (process and buildings)
  - **lifeline**
    organizational planning in the health sector
  - **plandata**
    IT services

- **Vienna University of Technology:**
  Professor Christoph M. Achammer has headed the Department for Industrial Building and Interdisciplinary Construction Process Management of Vienna University of Technology since 2001.