

Zero and plus-energy buildings

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Background

- one of Austria's biggest building physics office
- worldwide one of the most experienced concerning energy savings

+250.000 m² passive house
+400.000 m² building-certificate
+2.000.000 m² energy calculations



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Services

- Provision of solutions for sustainable and energy-efficient construction
- Reduction of energy consumption and costs, helps achieving climate goals
- USP
 - Great building comfort, low costs and multiplication potential
 - Up to 95 % reduction of energy consumption possible
 - Holistic approach → all energy consuming components are optimized

World's first plus-energy office high-rise building

- High multiplication potential
- Optimized passive house envelope
- Energy production:
 - Austria's largest building integrated PV
 - Energy recovery of lifts
 - Thermal discharge of servers
 - Hybrid cooling towers & night ventilation
- Energy efficiency enhancement (>9.300 optimized components)

