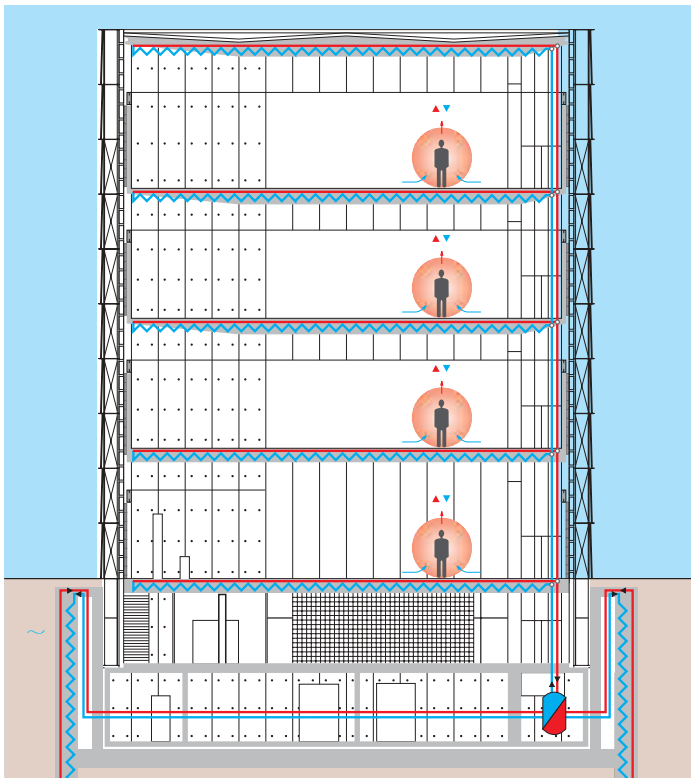


# Bregenz Arts Centre

Optimization of architectural concepts in regard to energy requirements leads to cost-effective buildings. The environmentally friendly and energy saving enercret system also allows the architect more artistic freedom



## enercret- thermo-active diaphragm wall:

Cooling capacity 100 kW

## Thermo-active ceilings

The steel reinforced concrete ceilings are equipped with water-filled plastic piping, providing heating and cooling with just one system.

More comfortable than conventional airconditioning

Arts Centre  
Bregenz-Austria

Cost comparison:enercret - energy systems vs. conventional air-conditioning based on the example of the Bregenz Arts Centre

| in EURO   | enercret®<br>energy systems | Conventional heating<br>and cooling |
|---|-----------------------------|-------------------------------------|
| Investment costs: Heating<br>and cooling system | 880,000                     | 2,480,000                           |
| Annual operating costs heating:                 | 5,100                       | 5,100                               |
| Annual operating costs cooling: Energy          | 1,820                       | 13,100                              |
| Operation and maintenance                       | 730                         | 2,100                               |
| <b>Total</b>                                    | <b>2,550</b>                | <b>25,200</b>                       |
| Savings in investment cost                      | 1,600.000                   |                                     |
| Savings in operating costs per year             |                             |                                     |