

# ADAPTIVALL WORKING CONCEPT

The **ADAPTIVALL** concept introduces a new approach for maintaining a comfortable indoor climate at reduced energy consumption. The innovative prefab wall system introduces energy savings by allowing an adaptive exchange between the outdoor and indoor environment.

**ADAPTIVALL offers three functions that can be adapted according to real time outdoor and indoor climate conditions:**



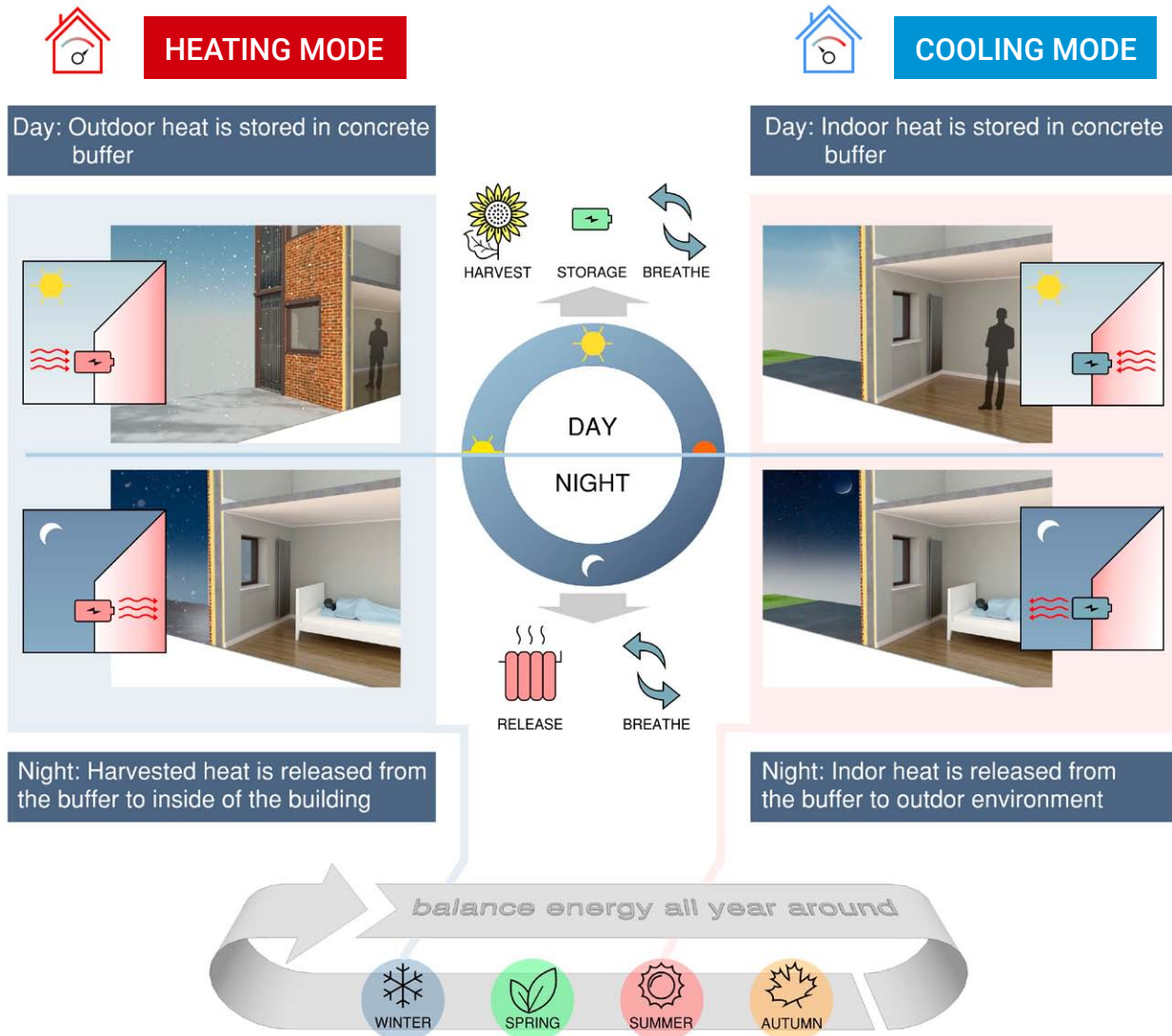
**HEATING MODE:** Outdoor heat is harvested, stored in the concrete buffer and released to the inside of the building.



**COOLING MODE:** Indoor heat is harvested, stored in the concrete buffer and released to the outdoor environment.



**BREATHING MODE:** Indoor air is refreshed with outdoor air, without energy loss.



Heating and cooling modes change during seasons, depending on the weather conditions.

If you have any question, please contact:

TNO  
 Wietske van Kanten  
 T: +31 (0)88 866 32 38  
 E: wietske.vankanten@tno.nl  
 www.adaptivall.eu

