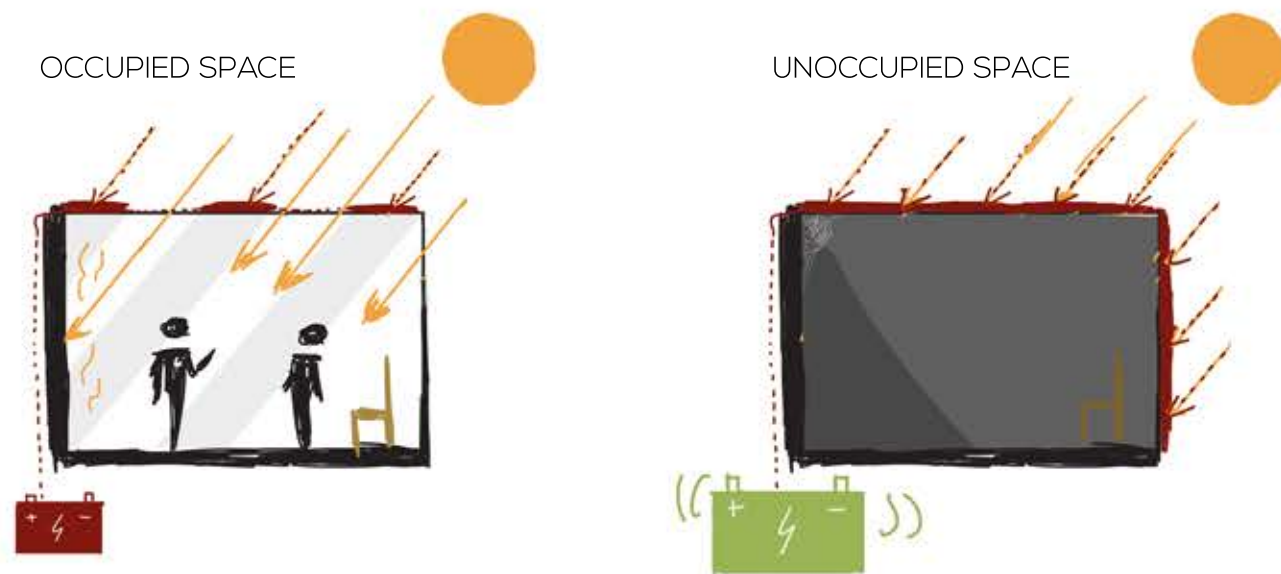


ENERGY CONCEPTS

~exploring the possibilities of climate compartments

/// ACTIVE SOLAR ENERGY HARVESTING LINKED TO OCCUPANCY OF SPACES

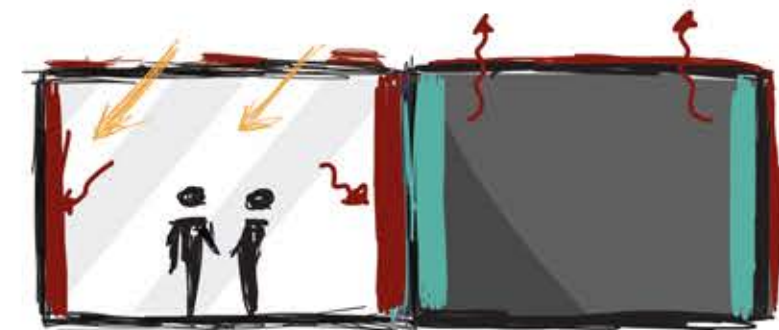


optimal balance between pleasant indoor climate and energy production

only focus on energy harvesting

/// UNOCCUPIED SPACE AS BUFFER SPACE FOR INDOOR TEMPERATURE

SITUATION BEFORE PCM SWITCH



the pcm walls in the occupied space slowly warm up (by sun/electronics/people etc.), while the pcm walls in the unoccupied space cool down

SITUATION AFTER PCM SWITCH



after a while the walls switch places and facilitate a stable temperature in the occupied spaces