a) Net global GHG emission pathways (acc. IPCC SR 1.5) Target: Net zero life cycle GHG emissions, i.e. embodied and operational, by: • i) year 2040 for '1.5°C pathway' ii) year 2055 for 'well below 2°C' scenario b) Average 'New standard' building c) Average 'New advanced' building Break-even Break-even Break-even in year 10 3HG emissions [kgCO2eq/m² [kgCO2eq/m²] in year 35 post year 50 (static & (static) (dynamic) dynamic) 'Carbon spike' of emissions upfront embodied GHG 'investments' Years after construction Years after construction Embodied GHG — Operational GHG — Life cycle GHG