







Detailed descriptions for new buildings and complete renovations

Sust. Target	Parameter (KPI)	Description
	Greenhouse gases creation	The greenhouse gas emissions of production (see also grey energy) summarise the environmental backpack of the materials used over the entire value chain and life cycle. The larger the value, the higher the contribution to climate change. Greenhouse gas emissions are calculated according to the calculation method described in the SIA 2032 (Grey Energy) code of practice.
	Recycled raw materials	Building materials that can be reprocessed and recycled help to reduce the construction industry's large demand for resources. Recycled concrete, recycled gravel and others (see Minergie-Eco, leaflet SIA 2030) can contribute to this. The greater the proportion of recycled raw materials, the lower the number of resources required.
	Energy intensity in operation	The energy demand of the respective property is calculated according to SIA 380 or Minergie specifications. The reference area is the energy reference area (ERA).
	Energy mix heat	The energy mix heat describes the amount of energy from renewable heat generators in relation to the total amount of heat. In the course of new construction/refurbishment, the definition according to GEAK is applied here with regard to the definition of renewable energy sources (including district heating: depending on the share of district heating; WP: 100% renewable).
	Energy mix general electricity (GE)	The energy mix for general electricity describes the ratio of green electricity for general electricity to the total amount of general electricity.
	Greenhouse gas intensity in operation	The greenhouse gas emissions are calculated according to the SIA 2040 standard and with the Minergie-Eco instruments. The verification is carried out in so-called LCA calculations and is carried out for all projects from CHF 1.5 million. Furthermore, LCA calculations are only carried out for new buildings and complete renovations and/or only for buildings with an energy intensity in operation of less than 100 kWh/m ² ERA (corresponds to GEAK A and B).