

Checklist for Sustainable housing in Salzburg

Together with the Österreichisches Ökologieinstitut (<http://www.ecology.at>) a checklist was developed based on existing national and international examples. During three workshops with housing companies, the SIR, the building authority and the department of urban development this examples got adapted and extended for local needs. The result shows a catalogue with 33 criteria in four fields:

1. Quality of location and social issues: easy access to public transport, an adequate supply with recreation areas and playgrounds as well as short distance to institutions as grocery, doctor or pharmacy play a important role for daily living quality. Beyond this, common facilities integrated in the housing area an a adequate social mixing are a precondition for a stable and sustainable development of cities an city parts.

2. Quality of design and technical equipment: besides the demand for a user-friendly planning, that integrates aspects of architecture as well as aspects of landscape and social planning, also questions of healthy living, flexible floor plans or noise protection have to be taken in consideration. Transparent planning processes make it possible to integrate the needs of future inhabitants.

3. Energy performance and supply: the most effective use of energy and other resources is not just positive for nature protections, but also saves money for the user. The support of alternatives to not renewable energy sources, but also the saving use of drinking water does have a high importance in the evaluation.

4. Ecology of building material: regarding building materials two factors are important to consider: the need energy to produce and reuse it as well as the origin of material. The aim is to support materials that can be recycled and come from regional sources. Especially wood should be turned on attention.

Checklist

A	Quality of location and social issues	max. 250
A 1	Quality of location	max. 100
A 1 1	Quality of social infrastructure (schools, kindergarden, medicine facilities)	20
A 1 2	Supply of green areas (distance to recreation areas and free time facilities)	20
A 1 3	Quality of access to public transport	20
A 1 4	Supply of institutions for daily use (groceries, pubs, services, post office, ...)	20
A 1 5	External factors (electromagnetical radiation)	20
A 2	Quality of equipment and social issues	max. 150
A 2 1	Open areas belonging to the apartment (balconies, terrace, access able green)	20
A 2 2	Quality of inner organisation of the real estate	30
A 2 3	Detailed concept for open areas	30
A 2 4	Social facilities and activities to support social living	30
A 2 5	Accessability for handicaped people	20
A 2 6	Social mixing	20
B	Quality of design and technical equipment	max. 200
B 1	Quality of design	max. 100
B 1 1	Planning process (eg. competition)	20
B 1 2	Flexible floor plans	20
B 1 3	Efficient use of parcels	40
B 1 4	Reduce of waterdrain with measurements like green roofs	20
B 2	Technical equipment	max. 50
B 2 1	Building shell air-proof	20
B 2 2	Building shell without thermal bridge	20
B 2 3	Building automation considered	10
B 3	Quality of healthy living	max. 50
B 3 1	Constructive noise protection in the rooms	20
B 3 2	Air ventilation system	30
C	Energy performance and supply	max. 210
C 1	Demand for heat and warm	max. 135
C 1 1	Supply of warm water	30
C 1 2	Supply of thermal heat	65
C 1 3	Quota of renewable energy sources	40
C 1 O	OPTIONAL: Passivhaus	135
C 2	Other energy requirements and Energy management	Max. 50
C 2 1	Energy efficient multiple coach lighting and domestic appliances	10
C 2 2	Energy efficient ventilation system	15
C 2 3	Hot water adaptor for for wasching maschine and dishwascher	15
C 2 4	Energy management	10
C 3	Water demand	Max. 25
C 3 2	Use of rain water for WC, wasching maschine or garden	15
C 3 3	Watersaving armature	10
D	Ecology of building material	max. 160
D 1 1	OI3 _{TGH-ic} Ecological Index of thermal building shell	100
D 1 2	HFKW-free insulation material and polyurethane foam	20
D 1 3	Prevention of PVC	20
D 1 4	Sustainability of wooden building material	20

