

TOTAL QUALITY BUILDING TQB

Integrated Assessment of Buildings in Austria
The Construction sector and sustainability?

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Some facts related to construction:

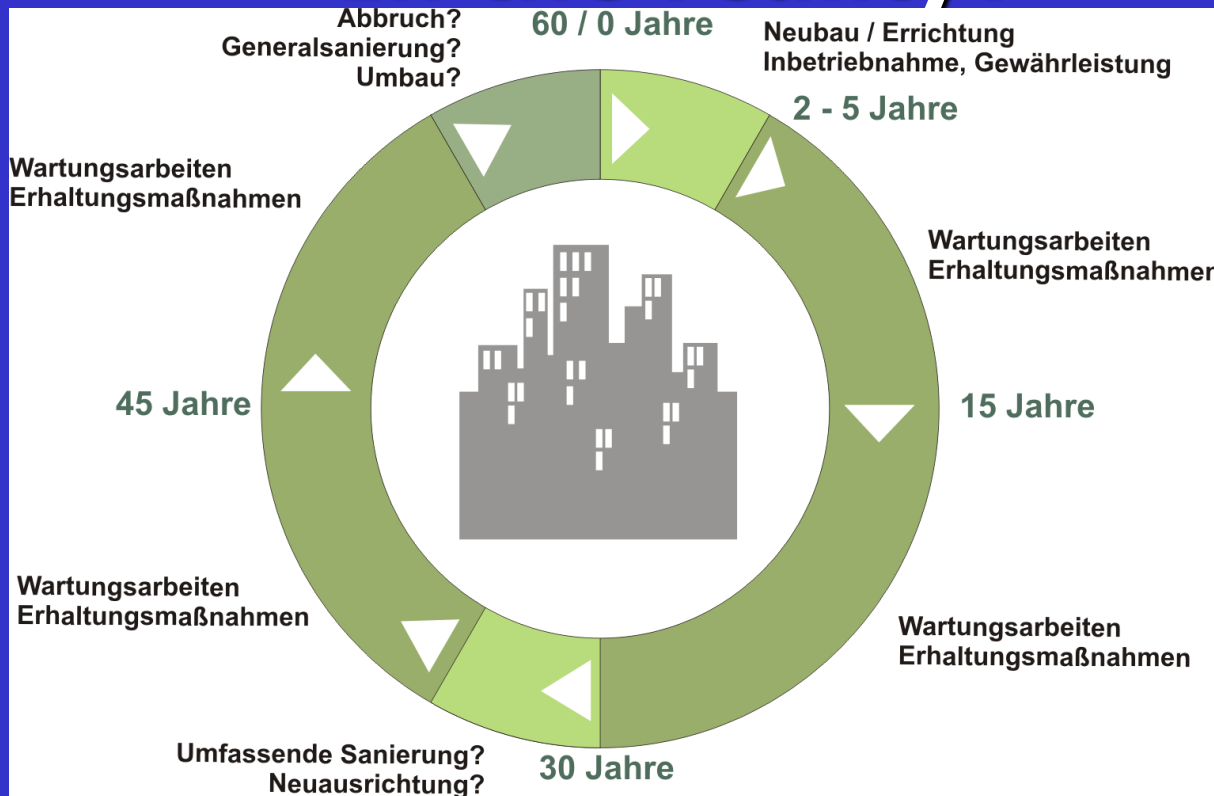
- 40% of the energy consumption in Europe.
- 45% of the material input in Europe.
- 25% of the households income is spent for housing (AT).
- > 50% of all investments of the Austrian economy.
- > 7 % of all Austrian employees.

We assume:

**Without the construction sector
sustainability is not possible
for our society.**



Assessment along the life cycle In the reality?

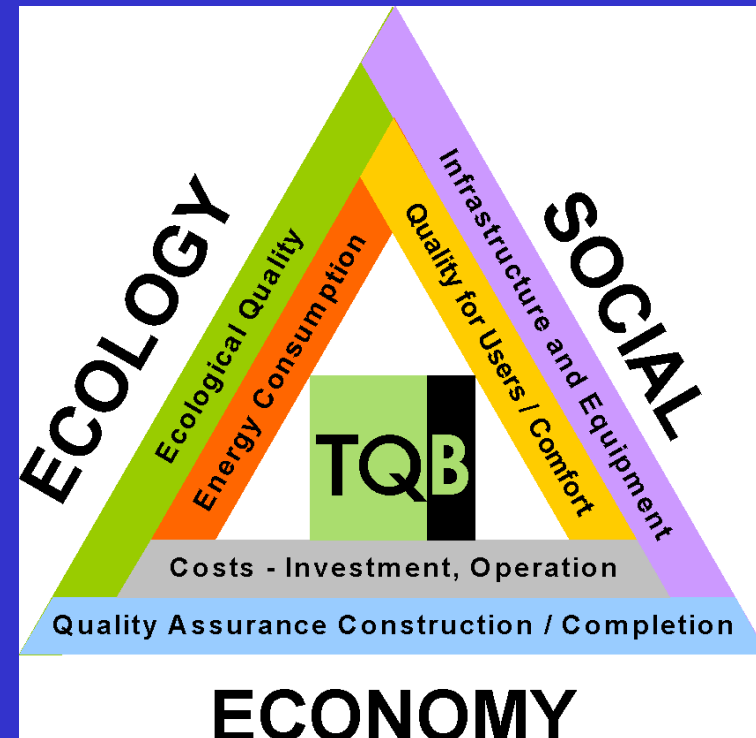


Total Quality Building Assessment

... tries to implement sustainability criteria in the construction sector

... wants to ensure quality control for buildings using sustainability criteria

... and is designed as marketing and communication instrument for the consumers



TQ-B: The categories in detail

A	Location and infrastructure	max. 200
A1	Quality of site and location of the building	max. 100
A2	Quality of infrastructure of the building	max. 100
B	Economy and technical quality	max. 200
B1	Economy and life cycle costs	max. 100
B2	Technical standards and used methods for quality assurance	max. 100
C	Energy and supplyment	max. 200
C1	Heating	max. 135
C2	Electricity	max. 50
C3	Water ressources	max. 15
D	Health and indoor comfort	max. 200
D1	Thermal comfort	max. 40
D2	Indoor air quality	max. 100
D3	Noise reduction	max. 30
D4	Lighting conditions	max. 30
E	Construction materials	max. 200
E1	Materials and ecological aspects	max. 100
E2	Ecological life cycle assesement of the construction	max. 50
E3	Disposal indicator of the construction	max. 50

Austrian Council for Sustainable Construction

(Österreichische Gesellschaft für Nachhaltiges Bauen ÖGNB)

TQB is the official assessment method of the Austrian Council for Sustainable Construction

TQB offers assessment schemes for residential and non-residential buildings (e.g. offices), both for existing and new buildings

All interested enterprises, F&E-Institutes, public bodies und experts are invited to work together with the ÖGNB in the field of sustainable construction

www.oegnb.net

