



Determine your ambition on the sustainability of your project

A. ENERGY

I want a building which ...

- | | |
|--|--|
| <input type="checkbox"/> 1. ... has a low cooling load | Insulate properly to minimize energy demand for cooling |
| <input type="checkbox"/> 2. ... has a low electricity usage | Use energy efficient devices and installations like LED lighting |
| <input type="checkbox"/> 3. ... uses sources of renewable energy | Solve the residual energy demand by solar or wind energy |
| <input type="checkbox"/> 4. ... is 100% energy self sufficient | building without airconditioning and independent of the grid |

B. WATER AND GREEN

I want a building which ...

- | | |
|--|--|
| <input type="checkbox"/> 1. ... has water collection | A septic tank collects rainwater and grey water and refines it |
| <input type="checkbox"/> 2. ... uses the refined water where possible | Reuse the purified water to water garden and flush toilets |
| <input type="checkbox"/> 3. ... uses efficient sanitary installations | Use water efficient taps and toilets |
| <input type="checkbox"/> 4. ... maintains the natural planting on the plot | Respect the natural environment by keeping the green as it is |
| <input type="checkbox"/> 5. ... maintains the natural plot elevation | Only partially level up and implement it into the design |

C. MATERIALS

I want a building which ...

- | | |
|---|---|
| <input type="checkbox"/> 1. ... minimizes construction waste material | The house is designed to the size of standard product sizes |
| <input type="checkbox"/> 2. ... minimizes the construction time | Use of prefabricated construction systems |
| <input type="checkbox"/> 3. ... has double glazing | To achieve thermal comfort and prevent condensation |
| <input type="checkbox"/> 4. ... reuses used (local) building materials | To lower emissions by reducing on fabrication and transport |
| <input type="checkbox"/> 5. ... uses durable materials with low maintenance | Use materials with a low impact on the environment |
| <input type="checkbox"/> 6. ... minimizes the use of concrete | Only use the mass for heat accumulation |



D. VENTILATION

I want a building which ...

- 1. ... has no risk of condensation
- 2. ... uses the wind for cooling
- 3. ... is provided with natural cross ventilation
- 4. ... has ceiling fans to assist cross ventilation

Insulate the house and use sufficient ventilation

Use the natural trade wind to cool passively

Optimize location of windows and efficiently place rooms

Improve the cooling prestation

E. ORIENTATION

I want a building which ...

- 1. ... has minimal sun pressure
- 2. ... has adjustable sun protection
- 3. ... has an abundance of natural light

Optimal orientation of the rooms, regarding the sun's course

Adjustable eaves or shading devices such as louvres

Taller and more windows and skylights

F. FLEXIBILITY

I want a building which ...

- ... is adaptable for future changes in lifestyles
- ... is accessible for everyone
- ... being able to repair and do maintenance easily

No structural interior, being able to extend in the future

Wide corridors and doors, minimal thresholds, etc.

Efficient and smart detailing

G. YOUR INPUT

- I have more ideas which I would like to implement into my sustainable building:*