

ENERGY ROUTINES

Everyday human activities such as personal hygiene, food preparation, heating, and the use of electronic devices are presented as artistic-technical installations - the „Energy Routines“.

The energy consumption of each of these activities is broken down to the personal scale of individual consumers, making it legible and understandable.

The “Shower Tower” illustrates the everyday routine of body care in an impressive, sculptural way using the example of a shower. Instead of a single large-scale installation, individual, smaller installations can be distributed on the BUGA 23 site, become goals in the landscape, allow physical proximity, and thus set visitors, energy production, and nature in dialogue with each other.

Visualized calculations

The energy and other material requirements of the “Energy Routines” shown are calculated and the components required for each are presented: the water and heat requirements during a shower, the heating of a room with an average floor area, each related to one person, etc.

These components are then clearly and legibly related to one another using and thus becoming installations, the „Energy Routines“.

The „Energy Routines“ illustrate directly and without detour what otherwise happens hidden in a machine or behind or inside a wall.

The expression of the “Energy Routines” is deliberately chosen to be technical for several reasons: on the one hand, the artificiality of the energy production is to be explicitly represented. On the other hand, the choice of construction and material should emphasize the interplay of energy production and the infrastructure needed for it.

Above all, however, the chosen expression serves to make a change of perspective: if we treat the earth in the same way as we would when settling down on a new planet, we should try to have as little impact as necessary, as minimal, and efficient as possible.

Therefore, the visual design strategy is based on the principles of spacecraft design: just as we should design new devices for alien worlds as ideally as possible, we should explore the implicit potentials of regenerative energy production without prejudice and preconceived design goals.

Small Scale - Human Scale

The „Energy Routines“ should enable a change of perspective and a direct relationship with the structural aspects of energy production.

Thus the „Energy Routines“ are smaller objects, just as big as they are necessary for the respective activity - small is beautiful. They are devices with which we can relate, and which make the relationship between energy production and the environment legible: they orientate themselves on the course of the sun, they move in the wind, and they change their position.

The 4 “Energy Routines”

The 4 installations of the Energy Routines deal with all aspects of human existence: physical needs such as preparing food and personal hygiene, generating energy for work, communication, or entertainment, and generating heat in air-conditioned rooms. Here are the 4 “Energy Routines” in detail:

