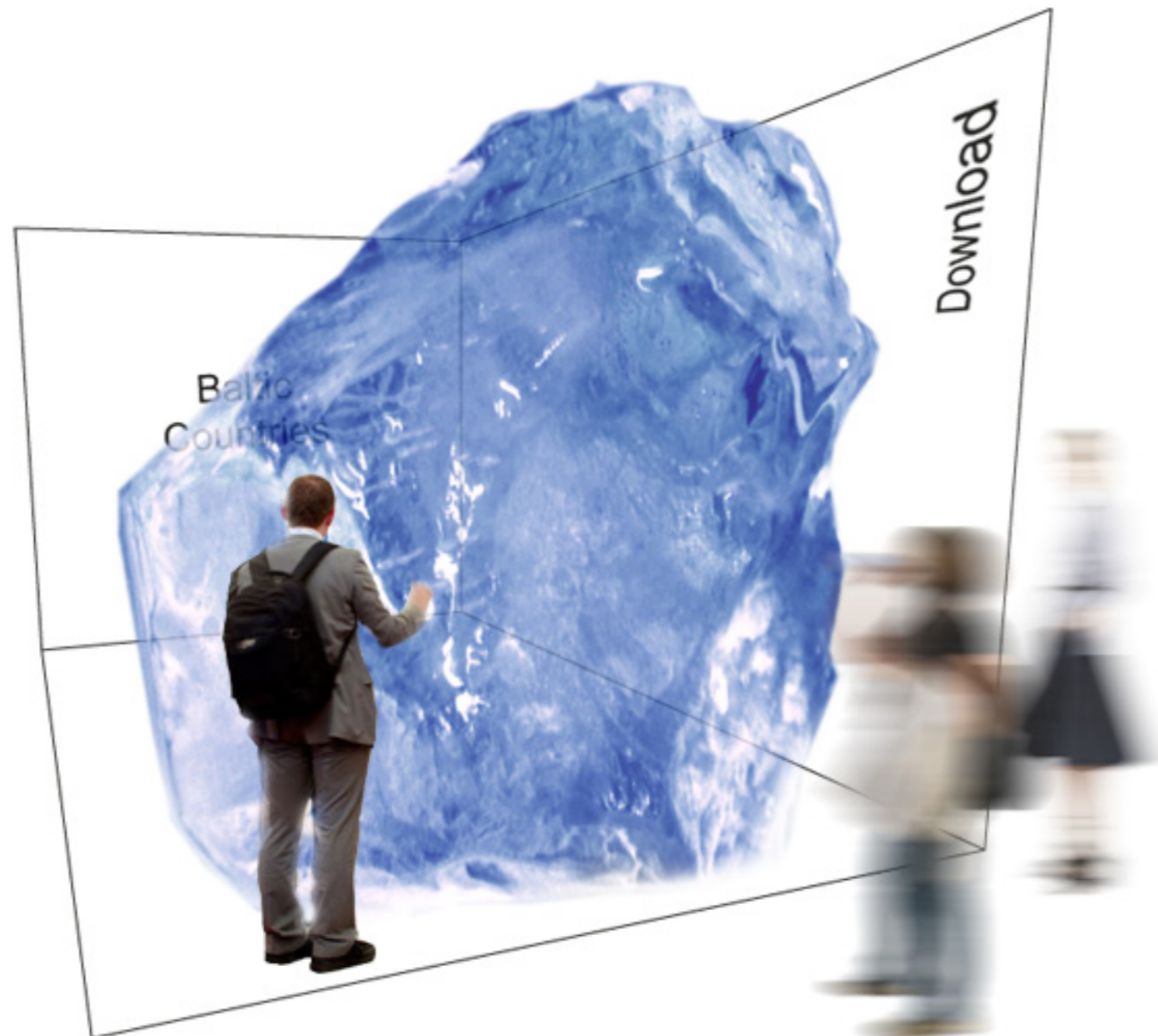


## ICE<sup>3</sup>

### Architecture Anywhere

Architecture is becoming ever more global. An image of a house published on a widely-read blog on the internet does not tell the viewer about its location. It is architecture anywhere.

Architecture does not have to bear an explicit mark of its specific location. Places are different, but people are the same. We all want to have a window with a view, a comfortable working space, a place where to get together and a place of our own. It is the universality of the contemporary ways of living that might make a house in Denmark, in Chile, in Lithuania the same.



## Architecture Otherwise

It might happen that we find the same kind of door or load-bearing beams or insulation. We might start seeing architecture as static destination nodes of a global network of construction products whirling around the Earth: production, processing, finishing, storing, selling, consumption. In between every step there might be transportation to feed the inertia of the whirl.

The parts of the houses that end up in Denmark, in Chile, in Lithuania might have already met before in China, in Canada, in Germany. It is architecture elsewhere – scattered and existing in various places simultaneously, prepared to exist in one single spot.

The large-scale **block of ice**, proposed to fill the exhibition stand area of BAUA, illustrates the idea of displacement of materials that is a distinctive yet unsustainable part of architecture today. Ice, itself possibly a construction material – but only in the right location and conditions –, becomes an anomaly at UIA 2014 Durban. In case of ice we can see it so clearly, but the same absurd displacement applies to many other construction materials and products where the unsustainability is concealed. The future of architecture lies in a smart and informed use of construction materials and products.

## Architecture – Where?

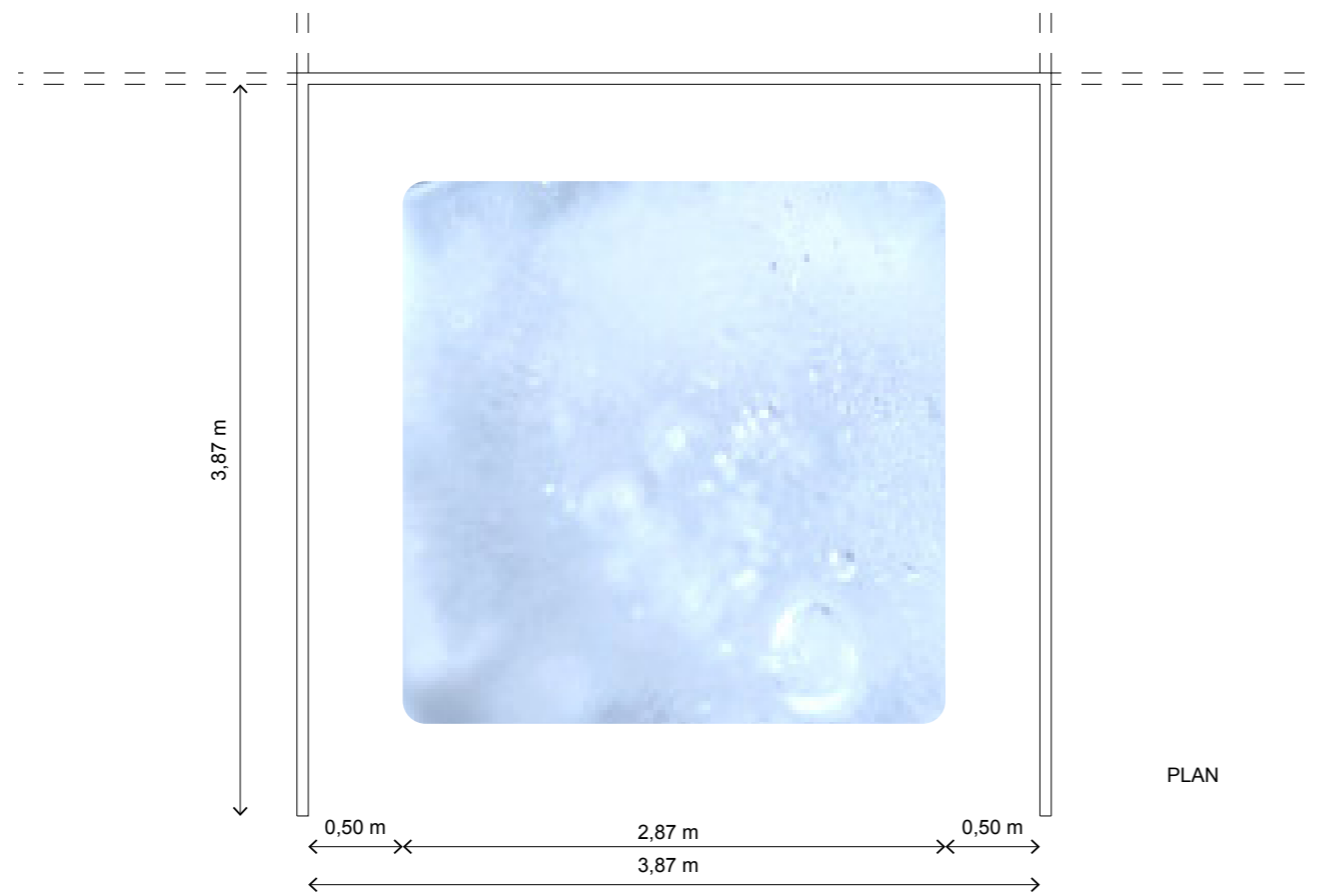
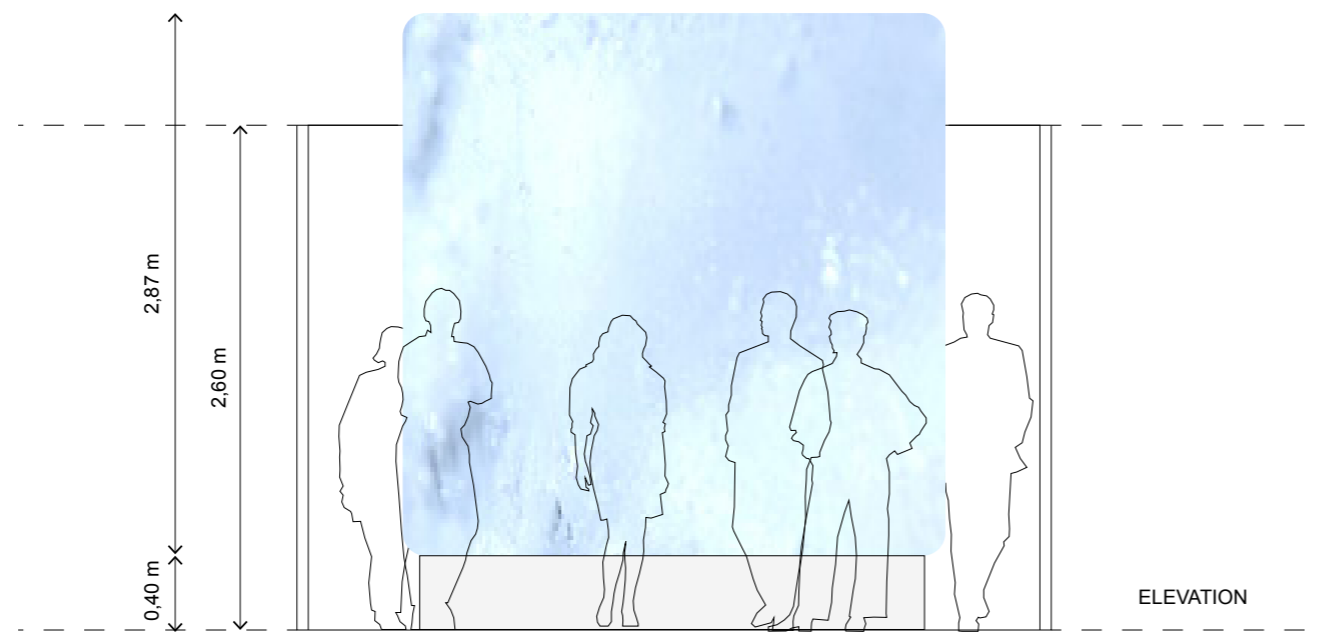
Instead of a material souvenir the visitors to the BAUA exhibition stand can “take away” a smartphone app. In an attractive and easy-to-use way the app illustrates various concealed environmental costs of common construction materials and products and their transportation. The integrated map-based database allows the user to get information about local materials and products. Any architectural project can be placed on the map to determine which materials and products would be most sustainable considering the project’s location.

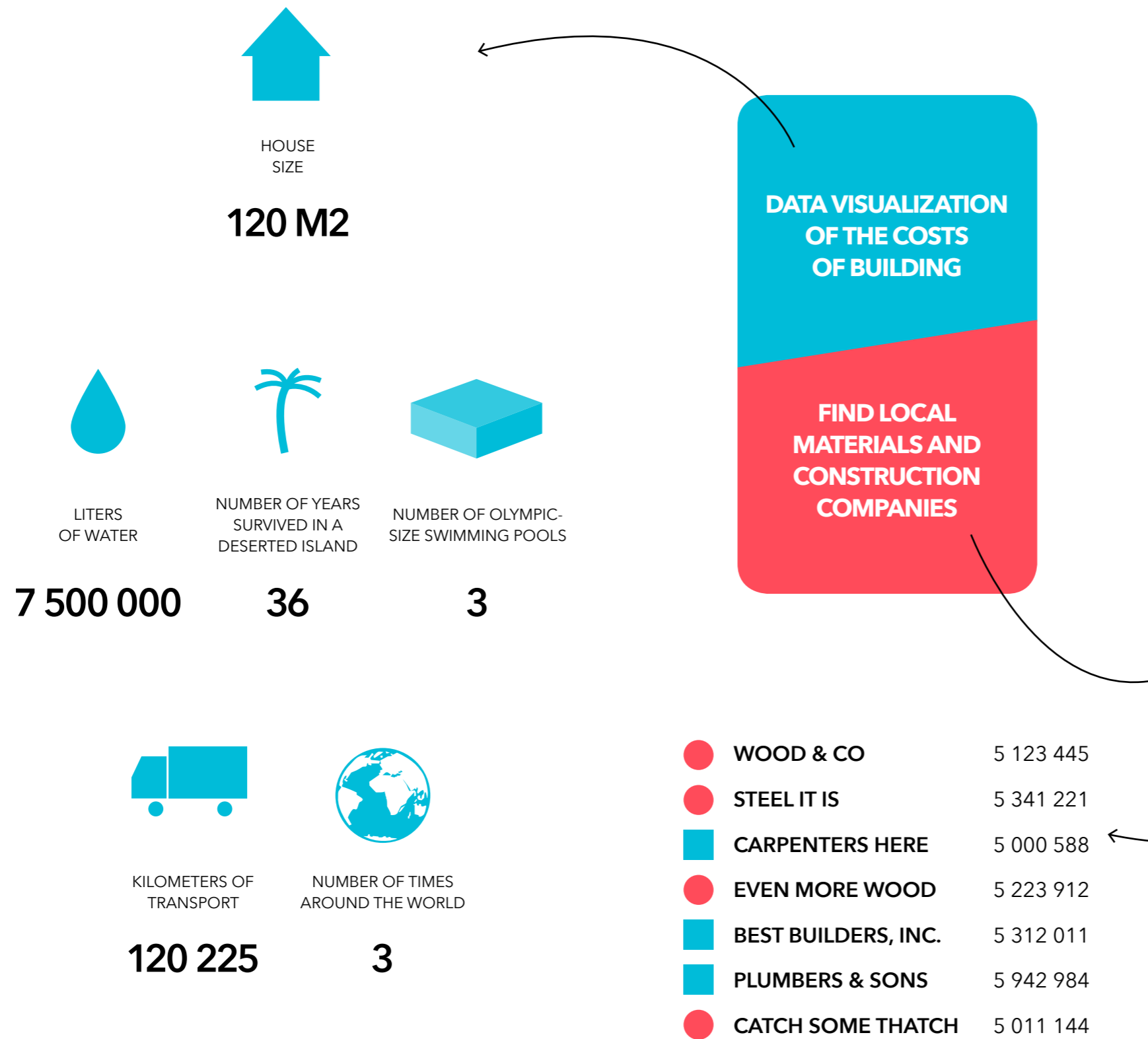
### BAUA exhibition stand area

The huge block of ice measuring 2.9 x 2.9 x 2.9 metres (24.4 m<sup>3</sup>) fills the entire BAUA exhibition stand area. During the UIA event the block of ice will become a dynamic sculpture slowly melting away.

The block of ice will be produced on site (in Durban) re-using water from a cooling system or other such source. After being frozen the block will be transported to the UIA site where it will start melting. The resulting water will be collected and can be re-used at its original source, for example.

The budget of the BAUA exhibition installation will contain the production and the local transportation cost of the block of ice and the rental and local transportation of containers for water. The proposal of the ice block as the installation and the smartphone app as the souvenir does not require any international shipping.





### Souvenir – the app

The app allows the user to browse a visual collection of information about the environmental costs of construction materials and products. Easy-to-read graphs and diagrams explain what and in which amounts is needed to produce a material or a product and how and at what cost it is shipped to the location of the app user (or any other point of the user's interest).

Another function of the app allows the user to search for local or the closest materials and producers in order to make more informed decisions about the materials and structure of a planned building and to promote more sustainable construction and architecture.

For UIA a beta version of the app will be developed that will show information about a single region (e.g. the Baltic States). The app is free of charge for visitors who download it at the BAUA exhibition stand.

