

Spread of Innovative Solutions for Sustainable Construction

Handbook

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Summary



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We have come to the end of our handbook. At the beginning, we didn't promise an easy and quick read, and the reader will surely agree with us that we kept our word. We are aware that the handbook contains a lot of new information and technical terms, seemingly complicated or really complicated professional excursus, but we hope that we have managed to present all this in an understandable, readable format.

In the handbook, we introduced the concepts of environmental impact, sustainability, life cycle, life cycle approach and life cycle analysis, their meaning and several professional background information behind them. We could get a brief insight into the different building rating systems, read about their meaning and usability. We took a look at the issues, opportunities that we may encounter during use, maintenance and renovation of buildings, and which also have a significant impact on the sustainability of our built environment.

We looked at different structures and materials, passive and active solutions, and different building systems. At the first reading, many of the solutions described in the handbook may seem to be futuristic, but we reassure the reader that all these technologies already exist and are available to everyone. Moreover we hope that in the near future not only new technological solutions but also their price will also make them attractive.

We are confident that as reading through the book, the reader's environmentally conscious thinking and commitment to sustainable construction has received additional perspective. We hope that during the construction of your new home or the renovation and transformation of your existing one, you will be able to utilize the information obtained from our handbook and the knowledge based on them.

At the beginning of the handbook, we drew your attention not to apply everything automatically, so study and think carefully about the content of the book, as everyone has to make their own decisions. We recommend that if you have any doubts or questions, do not hesitate to consult a specialist. Feel free to ask the help of your designer or another professional with in-depth knowledge of the subject.

We believe that the issues discussed in this handbook are vital, as they are about our future and the future of our descendants. If you found the topic useful, the options and solutions suggested in the handbook, please pass it on to others, especially your children and grandchildren.