

Building Future.

**#Redevelopment #WernerSobek**

„Future Challenge: Refurbishment“



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Dear reader,

The revitalisation of existing buildings is an important instrument for the transformation of our industry towards more sustainability. It helps save resources and reduces CO<sub>2</sub> emissions. Older buildings can also serve as a storehouse of resources. However, before deciding to revitalise, a careful analysis of the existing building stock and its needs must be carried out in order to be able to reliably assess the opportunities and risks as well as the costs involved.

In this newsletter we would like to take a closer look at the different strategies for dealing with existing stock (and also at the difficulties that need to be taken into account). We have therefore compiled a selection of various projects and publications on the topic for you.

For reasons of space, we cannot go into detail here about some of the major projects currently underway, such as the conversion of Stuttgart's listed Bonatz Building – but you will find various links to further information on our overview page on the subject of refurbishment. And if you have any questions or comments on specific aspects, simply write to us at [socialmedia@wernersobek.com](mailto:socialmedia@wernersobek.com).

*Roland Bechmann*

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Project

## Old, but efficient...

The P4 project in Neu-Ulm/Germany shows how a radical improvement in energy efficiency can be achieved even in old buildings by suitable planning and construction measures

Copyright: Zooney Braun, Stuttgart



Project

## Redeveloping an icon

The facade and roof of the Schauspielhaus Düsseldorf had to be renovated due to structural defects. The roof was completely renewed and replaced by a modern warm roof (partly as a green roof).

Copyright: HG Esch, Hennef



Project

## Transformation of a landmark

The Sony Center at Potsdamer Platz in Berlin is being remodelled in several areas in response to changing usage requirements. The entrance area on the ground floor is connected to the first floor by a seating and stair landscape and will serve as a communal meeting place in the future. As structural engineer, Werner Sobek is responsible for all structural measures that affect the modification of the shell structure.

Copyright: Jahn US, Chicago



Article

## Why taking stock matters so much

The decision not to build a new building and to extend the life of existing buildings represents an important contribution to sustainability in construction. Our colleague Bernd Glückert explains why a careful inventory is so important here.

Copyright: Janine Kyofsky, Backnang



Podcast

## The path towards climate-neutral construction

In a new podcast episode, our sustainability expert Stefanie Weidner looks at the question of whether and how the building industry can become climate neutral. A special focus lies on the selection of building materials and the period under consideration.

Copyright: ksg Architekten, Cologne



Project

## More light, less energy

The general refurbishment of the four-storey B95 office building in Munich with two basement floors and underground car park use involved interventions in the solid building structure. Plans included 150 m<sup>2</sup> ceiling openings to create atriums and the complete cutting back of the ceiling edges of the upper floors to create a new interior contour.

Copyright: Rainer Viertlböck, Gauting





Video

## Chartres: The past meets the future

The city of Chartres, located west of Paris, is not only known for one of the first and most important Gothic cathedrals. With a spectacular extension for the listed town hall, Chartres is now showing that the future is also at home here.

Copyright: Vincent Fillon, Paris



News

## Saving CO<sub>2</sub> thanks to refurbishment

A recent sustainability study by Werner Sobek impressively demonstrates how great the influence of architects and engineers can be on the emissions of a project – especially when deciding whether to renovate or build a new building.

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