

Information for journalists and media representatives FutureHotel

The FutureHotel project is dedicated to addressing central questions related to the hotel of the future. Together with partners from the hospitality sector, Fraunhofer IAO is researching key developments and their repercussions for the sector. Analysis takes into account the different types of guests and their specific requirements as well as ways of optimizing hospitality management and operations. The researchers are aiming to find new, forward-looking solutions for the various hotel facilities – including not only the guest rooms, but also reception areas and conference facilities. In doing so, they consider technological innovations alongside the economic, ecological and social perspectives.

In addition, living labs – such as the FutureHotel Showcase located in the inHaus Center in Duisburg as well as the Urban Living Lab in Stuttgart – offer a unique opportunity to combine theoretical research with a literal test bed.

The project is open to business partners who are interested in innovative solutions for the hospitality industry.

Further information:

<http://www.futurehotel.de/en.html> | <https://www.iao.fraunhofer.de/lang-en/>

Order our **most recent study “FutureHotel Building 2052”**:

<http://s.fhg.de/building2052EN>

Press release for the recent study: <https://www.iao.fraunhofer.de/lang-en/about-us/press-and-media/1279-the-science-fiction-hotel-of-the-year-2052.html>

Your **contact** for questions concerning FutureHotel:

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Photo material

The following photos may be used free of charge as part of reports on the topic FutureHotel. Requests for high-resolution images should be sent to presse@iao.fraunhofer.de. All photos used must be accompanied by the appropriate source reference and we kindly request a copy of the published material. The photos are to be used exclusively for editorial reporting. It is not allowed to use them in advertising or sales materials. Further circulation, copying, editing or use on websites that is not for the purposes of editorial reporting is not permitted.

FutureHotel (1) **The FutureHotel Showcase at the inHaus Center in Duisburg, Germany:**

Located at the Fraunhofer inHaus Center in Duisburg, the FutureHotel Showcase brings the vision to life that was conceived in 2008 to conceptualize a hotel room for the year 2020. For the FutureHotel project, the showcase serves as a test bed and demonstration platform that is used to present pioneering ideas for aspects such as automated check-in, lighting technology, operation and control of different technologies, health and well-being. It is also a place for evaluating innovative concepts, solutions and products.



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FutureHotel (2) **The FutureHotel Showcase at the inHaus Center in Duisburg, Germany:**

The showcase presents a hotel room for the year 2020, which offers the hotel industry a tool kit for creating future solutions and provides a glimpse at the hotel of tomorrow.



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FutureHotel (3)
The FutureHotel Showcase at the inHaus Center in Duisburg, Germany:

The bathroom as your own private spa in the FutureHotel Showcase at the inHaus Center in Duisburg, Germany



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FutureHotel (4)

A glimpse into the FutureHotel Showcase at the inHaus Center in Duisburg, Germany



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FutureHotel (5)

The FutureHotel Showcase at the inHaus Center in
Duisburg, Germany



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FutureHotel (6)

The FutureHotel Showcase at the inHaus Center in
Duisburg, Germany



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FutureHotel (7)

Prototype hotel room at Fraunhofer IAO's Urban Living Lab in Stuttgart, Germany. Automated check-in via smartphone:

Hotel guests confirm their identity with the help of their smartphone. The guest's arrival outside the hotel room is automatically recognized so that the door opens immediately provided the guest has the required authorization. The check-out process is also fully automated.



Photo: Bernd Müller © Fraunhofer IAO

FutureHotel (8)

Prototype hotel room at Fraunhofer IAO's Urban Living Lab in Stuttgart, Germany. Focus is on making the guest's stay more relaxing and comfortable:

Hotel guests can ensure their stay is comfortable and relaxing by tailoring the room to their own requirements. This even extends to adjusting the color and conditions of the lighting.



Photo: Bernd Müller © Fraunhofer IAO

FutureHotel (9)

Prototype hotel room at Fraunhofer IAO's Urban Living Lab in Stuttgart, Germany:

The hotel of the future is also conducive to multimedia work – connections for guests' devices and wireless charging for smartphones are integrated features of the prototype hotel room.

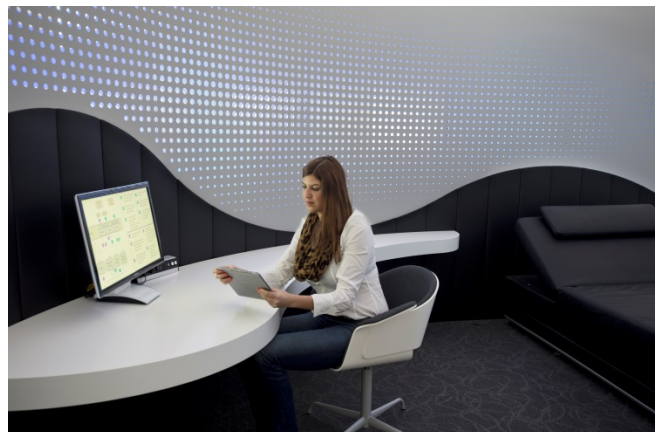


Photo: Bernd Müller © Fraunhofer IAO

FutureHotel (10)

Prototype hotel room at Fraunhofer IAO's Urban Living Lab in Stuttgart, Germany:

Intelligent product solutions such as "Sway" – the vibrating bed – are being implemented and evaluated as prototypes in the FutureHotel project.



Photo: Bernd Müller © Fraunhofer IAO

FutureHotel (11)

Vanessa Borkmann, FutureHotel project leader:

Vanessa Borkmann studied architecture at the University of Stuttgart and ETH Zurich. She initiated the FutureHotel joint research project in 2008 and in 2011 won the Innovation Award for Technology Management for developing the FutureHotel Showcase. Her work focuses on innovative concepts for the hospitality and tourism industries and how to help companies implement them. As a speaker at a wide variety of conferences and workshops, she presents the results of her trend research and innovation developments.



Photo: Bernd Müller © Fraunhofer IAO

Hotel Schani Wien (1)

FutureHotel application platform in Vienna:

Based on the "Coworking Hotel" study, Hotel Schani Wien integrated a coworking space in its lobby to capitalize on synergy effects.



© Hotel Schani Wien by Kurt Hoerbst

Hotel Schani Wien (2)

FutureHotel application platform in Vienna:

Using the results of recent studies and a survey of its guests, Hotel Schani Wien introduced a digital check-in process. Although guests can now check-in independently online, most still enjoy personal contact with hotel staff.



© Hotel Schani Wien by Arnold Poeschl

Hotel Schani Wien (3)

FutureHotel application platform in Vienna:

The day begins at Hotel Schani Wien: breakfast in the lobby while the gallery serves as a coworking space.

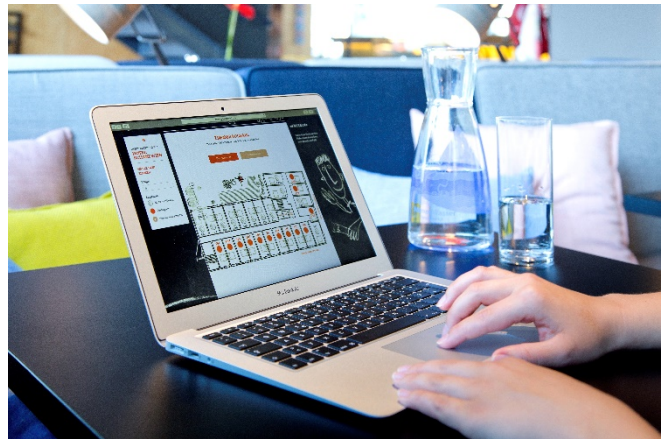


© Hotel Schani Wien by Arnold Poeschl

Hotel Schani Wien (5)

FutureHotel application platform in Vienna:

At Hotel Schani Wien, guests can choose the room that best suits their requirements. The idea is based on the way airlines allow passengers to choose their seat. Prior to implementation, a survey was carried out to determine whether guests would welcome such an option.



© Hotel Schani Wien_Haefele by studio-khf.de

Hotel SI-SUITES Stuttgart (1)

FutureHotel application platform in Stuttgart:

Hotel SI Suites integrated a coworking space into its lobby, complete with lockable storage for its users.



© Hotel SI-SUITES Stuttgart

Hotel SI-SUITES Stuttgart (2)

FutureHotel application platform in Stuttgart:

The coworking space enables people to work on their own or in small groups.



© Hotel SI-SUITES Stuttgart