



# AUSTRIA NEWZ

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# NEWS

## SMART TECHNOLOGIES FROM AUSTRIA FOR THE CITIES OF THE FUTURE

In recent years, the term “Smart City” has been used to describe a range of holistic approaches to urban development. Aimed at making cities greener, more efficient, more caring and more technologically advanced, these design concepts embrace technology-based innovations as well as economic and societal change in urban environments. One thing common to all these technologies is that they improve quality of life and make our cities more intelligent and environmentally friendly through smart resource management.

With many dynamic and highly specialised companies contributing innovative solutions to help conquer the challenges of the 21st century, Austria has become one of the top nations in the field of digital technologies for Smart Cities. Their achievements and reliability have earned them an unparalleled reputation for bringing innovative products and services to market.

You can find out more about the range of services provided by the Austrian Smart City/Smart Technologies sector in the latest edition of **FRESH VIEW**, the industry specialist magazine, which showcases more than 160 Austrian firms from the ‘Smart Mobility’, ‘Smart Energy and Environmental Technology’, ‘Smart ICT Infrastructure’ and ‘Security’ sectors.



Enhancing liveable cities and communities will also be the center theme of next year’s **World Congress on Intelligent Transport Systems** hosted by the City of Melbourne from 10 to 14 October. Advantage Austria is planning to participate in this major event with an Austrian group stand. Further details will be available on **our website** early 2016. If you are interested in participating together with your Austrian business partner, please do not hesitate to **contact us**.

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## MELBOURNE’S CHADSTONE GETS MODERN GLASS ROOF

Chadstone is the name of Australia’s “fashion capital” in Melbourne’s suburbs which with 530 stores, cinemas and many other attractions is also the largest shopping centre on the Australian continent. Currently, RTKL and Atelier One Engineers are adding thousands of square metres of retailing space to the centre. The challenging project also includes the construction of an exciting steel-and-glass roof with a total area of 7,080 m<sup>2</sup>. The building contract for this grand roof was awarded to the Austrian branch of **Seele** group - a globally active, leading façade building contractor specialised in architecture which uses the materials glass, steel, aluminium and membrane.



© novion - Chadstone project

Two key features of the design are its open style, with a gallery-type second floor, and the high, dome-like glass top that allows plenty of daylight to reach both floors. The glass roof has to follow the line of the shopping malls below and consequently the result is a free-form gridshell spanning up to 35 m, in varying shapes, geometries and a dramatic pitch at the centre.

Owing to its dimensions and form as well as the logistical challenges involved, the Chadstone roof is yet another structure that demonstrates the wealth of skills available within Seele. To read more on this project, please visit our **website**.