

## Information about the lecture

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<b>Speaker</b>	Matthew Dillon
<b>Title</b>	Green Infrastructure and Living Architecture Design in Sydney, Australia
<b>Group of topics</b>	21.06.2017 Architecture - Projects - Best Practice
<b>Language</b>	English
<b>Content</b>	<p>Sydney is the second most unaffordable city in the world and is re-developing to meet the challenges of housing demand due to rapid population increases. The social lifestyle challenges are due climate variability resulting in higher temperatures causing UHI effects and more extreme rainfall events causing urban flooding.</p> <p>One solution towards mitigating these impacts is the incorporation of green infrastructure which includes 'living architecture'.</p> <p>To date, there are signs of a paradigm shift towards a new planning strategy which has been pioneered by new policy and benchmark design practice. This presentation will provide a brief overview of the most influential strategies and projects being undertaken in Sydney, Australia. This will include a visual folio on the City of Sydney which has adopted a Green Infrastructure Policy Strategy and supported leading international architectural sustainable design. These inspirational projects have received international acclaim due to ambitious explorations and hybridisations of both landscape and architecture which has improved the environmental performance of buildings and the connection to public green amenity spaces.</p> <p>Case study projects included as indicative examples will be 'The Goods Line; One Central Park appartements; 'Barangaroo' Headland Reserve and Sydney Harbour Foreshore developments.</p>