



Zofia Kuypers

Organisation

JMT Consulting

Role in Organisation

Principal Consultant

Profession

Sustainability Consultant

Years of Experience

12

Qualifications

BE Civil (Environment, Honours), University of Sydney

ME Energy Planning and Policy, University of Technology Sydney

Professional Associations

Green Star Accredited Professional (GSAP)

Green Star Assessment Panel

WELL Accredited Professional (WELLAP)

Publications

Green Star – Design & As Built v1.1

Career Summary

Zofia Kuypers is a sustainability consultant with strong technical experience and over 12 years' experience in the built environment. She is an accredited professional recognised by the Green Building Council of Australia as well as the International Well Building Association. Zofia holds both a Bachelor and Master of engineering, which focussed on environmental performance and smart energy solutions.

Zofia provides Sustainability advice to architects, planners and other professionals on the following:

- Environmentally Sustainable Design Strategies
- Sustainability guidance for Development Applications
- Green Star / WELL / LEED Pathways
- Urban Heat Island mitigation strategies
- Climate Change Adaptation Plans
- Green Travel Plans (for Green Star)
- Building scale renewable energy opportunities

Zofia has a passion for designing buildings which provide a comfortable and enjoyable experience for occupants.

Overview of Project Experience

Major Projects

New Student Precinct, 2019

Zofia has provided a key sustainability function for this complex precinct of two new buildings and five refurbishments. Acting as the internal Aurecon peer reviewer, providing strategic advice and reviewing project deliverables. The New Student precinct is set to transform University of Melbourne's Parkville Campus and social and environmental sustainability is a key issue to the community and stakeholders. This precinct wide regeneration project includes two 6 Star - Green Star Design & As Built ratings and high sustainability outcomes for the internal refurbishments, and surrounding landscaped areas

Sydney Swans Headquarters and Community Centre, 2019

Zofia is currently the ESD lead on this iconic project, managing the team's strategy and all deliverables. Zofia and her team have been working closely with the architect to develop a design that optimises efficiency whilst not compromising the heritage design elements. The project is currently considering Green Star certification and Zofia's team have developed a Green Star pathway to guide the project to a 5 Star rating.

Department of Education Custom Green Star tool, 2015

The NSW Department of Education contracted the GBCA to develop a sustainability rating tool for the new construction and upgrade of primary schools across the state.

Zofia developed this rating tool, the NSW government can now use this on future school developments.

Kinghorn Cancer Centre, Sydney 2010

The Kinghorn Cancer Centre is a new outpatient facility located within the St Vincent's Research Precinct in Darlinghurst, Sydney.

Zofia worked with the design team to create and implement a bespoke sustainable design strategy for the project which led to a swathe of sustainability initiatives included in the design which improved occupant comfort and reduced operational energy and water consumption.

10 Valentine Avenue, Sydney, 2017-2019

A new A Grade commercial office building in Parramatta with impressive sustainability targets including WELL Gold, Green Star 5 Star and NABERS Energy 5 Star.

Zofia is the lead sustainability consultant on the project, guiding the design team through the process of delivering a truly sustainable and healthy building.

10 Valentine has successfully navigated the Green Star – Design Review assessment process, with a comfortable 5 Star rating awarded at round 1.

Sydney Football Stadium Redevelopment, Stage 1 DA ESD Strategy, 2018

A new 45,000 seat stadium is being developed in Sydney to replace the existing Allianz stadium.

Zofia created the ESD strategy for the project, helping to guide the project through the sustainability requirements of the first stage of the Development Application process.

Singleton MTR 2018

A major refresh of the Singleton Defence base. Zofia is the lead ESD consultant working with the project team to implement and report on Defence's sustainability requirements.

Brisbane Airport Domestic Terminal Expansion, Brisbane Airport, 2010

As ESD consultant for the design of a new 10,000m² check-in hall extension to the existing terminal with Hassell architects, Zofia guided the passive design components of the Pavilion and Satellite through daylight, thermal comfort and energy modelling.

Sydney Olympic Park Site 8B, 2011

This five storey office building located within Sydney Olympic Park achieved 5 Star Green Star Office v3 rating through smart design choices and utilisation of site wide environmental strategies.

Zofia prepared the Green Star submission and coordinated the required design solutions with the wider design team.

Defence

Singleton Mid-term Refresh, 2018- 2019

Zofia was involved from project planning, right through to Detailed design and was responsible for guiding the sustainability strategy for the project, working to improve resource efficiency through the whole of life of the project. Zofia developed and facilitated multiple ESD workshop for all disciplines to ensure that the ESD strategy was delivered and that all roles and responsibilities were clear. The final design included several passive design initiatives as well as a large rooftop solar array and met rigorous energy efficiency reporting requirements and required by Defence.

Project Delivery Service, 2017- 2019

Zofia has been engaged on several Department of Defence building and infrastructure projects to ensure that sustainability considerations have been a part

of the design at each stage. Zofia works with Design Managers on an ongoing basis to ensure that Ecologically Sustainable Design reporting is completed accurately at each stage for each project.

LEED

Equinix SY5 Datacentre, Sydney, 2018

SY5 is the fifth Equinix International Business Exchange™ (IBX) data centre in Sydney

Zofia is managing the LEED submission for this project. Guiding the project to a successful LEED Design submission Q4 2019.

COEX, Dubai, 2018

The entry pavilion for the Dubai Expo 2020, AUD Confidential, 2018

Zofia successfully managed the LEED Design submission for this project. Guiding the project to a successful LEED submission Q2 2018 with all targeted points awarded.

Google Fitout, Singapore, 2019

Zofia facilitated the LEED Gold rating for a 6-story commercial fitout for Google's Singapore headquarters. Zofia worked with many stakeholders, designers and engineers to ensure that sustainability outcomes are delivered throughout each stage and aspect of the project.

Western Sydney Stadium, Sydney, 2017-2018

A new 33,000 seat stadium in Sydney's West

Zofia is part of the team delivering the Western Sydney Stadium LEED rating. Zofia is providing local support and helping to facilitate communication between Sydney and Brisbane to facilitate a success LEED Gold rating.

WELL Building Standard

SMU-X, Singapore, 2018

Singapore Management University (SMU) is developing two new educational institution buildings (SMU-X) with an approximate GFA of 20,000m².

Zofia provided valuable WELL AP experience to the university through the development of a WELL Gap analysis which outlined the required design changes necessary to achieve a WELL rating, and the likely implications of these changes.

10 Valentine Avenue, Sydney, 2017-2018

A new A Grade commercial office building in Parramatta with impressive sustainability targets including WELL Gold, Green Star 5 Star and NABERS Energy 5 Star.

Zofia is the lead sustainability consultant on the project, guiding the design team through the process of delivering a truly sustainable and healthy building.

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Green Star

Green Star – Design and As Built v1.1

Green Star is an internationally recognised sustainability rating system which is

used widely across the built environment in Australia. Design and As Built is the rating system for new building constructions.

Zofia led the team that delivered the first revision of this rating tool, working to incorporate the experience of project teams, revise sustainability benchmarks and improve the usability of the rating tool.

This rating system is now being adopted by building projects throughout Australia.

Green Star – Interiors v1.1

Green Star is an internationally recognised sustainability rating system which is used widely across the built environment in Australia. Green Star - Interiors is the rating system for new Interior fitouts.

Zofia led the team that delivered the first revision of this rating tool, working to incorporate the experience of project teams, revise sustainability benchmarks and improve the usability of the rating tool.

This rating system is now being adopted by fitout projects throughout Australia.

Department of Education

The NSW Department of Education contracted the GBCA to develop a sustainability rating tool for the new construction and upgrade of primary schools across the state.

Zofia developed this rating tool, the NSW government can now use this on future school developments.

Melbourne Metro Rail Project, Custom Green Star Tool

The Melbourne Metro Rail Project is a new metro line in Melbourne, Victoria. The Metro Tunnel includes five new underground stations, with two new city stations directly connected to Flinders Street and Melbourne Central.

During the design phase of the Melbourne Metro Rail Project, the GBCA was contracted to develop a sustainability framework that could be used by the project to drive sustainability outcomes across the new metro stations.

Zofia led the project team at the GBCA to deliver this framework. She worked with the project team to identify the key sustainability challenges, then led the GBCA team to deliver the framework.

Work History

Aurecon, Sydney 2017-2019

Sustainability Leader, NSW

Zofia joined the Aurecon Built Environment team in 2017 and created the Sustainability team, growing to a team of 3 by 2019. During this time Zofia and her team worked with multidisciplinary Aurecon teams to deliver a range of key sustainability projects. Including Green Star, WELL and LEED ratings across Australia and Asia, as well as ESD Strategies for major projects across Sydney including three stadiums.

Green Building Council of Australia (GBCA), Sydney 2011-2016

Manager, Green Star

Led the team which developed and managed Green Star, Australia's leading sustainability rating scheme.

United Nations Industrial Development Organisation, Beijing 2010-2011

Project Officer

A team member in the Beijing office of UNIDO working on a range of projects relating to the implementation of the Stockholm Convention. Working directly with the Chinese Ministry of Environmental Protection to help manage communication, report deliverables, workshops and day-to-day management of the project.

Arup Australasia (Sydney) 2008-2010

Environmentally Sustainable Design Engineer

Technical analysis of building design including daylight analysis, energy modeling, computational fluid dynamics, eco-footprinting, conducting AccuRate assessments and submitting Green Star Ratings.