



Hexicon
ESD Consulting

CAPABILITY STATEMENT



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27/148 Chesterville Road, Cheltenham, VIC 3192

Our Approach



Hexicon ESD Consulting provides clients Practical Environmentally Sustainable Design solutions. Established in 2019, Hexicon is rooted to help make strategic arrangements, optimise solutions and is situated in North eastern Melbourne. Our team works across Residential, Mixed use and Commercial projects to deliver services that ensure projects meet Environmentally Sustainable Development criteria. With a wealth of experience and full accreditation, Hexicon are ESD experts for creating SUSTAINABLE SMARTER BUILTS.

Consulting Services collaborates with numerous stakeholders in the construction industry, including building designers, detached house builders, volume builders, town planning consultants, building surveyors, architects, developers, modular building manufacturers, and individual clients. We take pride in our partnerships, working closely with these entities to deliver a range of services across Australia. These services encompass Sustainable Management Plans, Sustainable Design Assessments, NCC Section J 2022 compliance, JV3 Assessments, 6 Star Energy Ratings, and more. Our commitment to excellence extends to each project, ensuring that our clients receive comprehensive and tailored solutions for their sustainable building needs.

Founder and Director



DHVANIT SHAH

With a rich background spanning from 2007, Dhvanit, as the Director and Founder of Hexicon ESD Consulting, brings over almost two decades of invaluable experience. Armed with a Bachelor of Mechanical Engineering and a Master of Engineering Management, his reputation is built on providing innovative ESD solutions, notably contributing to Australia's landmark projects. Holding certifications as a Green Star Accredited Professional and a NatHERS Assessment Certificate IV, Dhvanit actively engages in industry seminars and workshops to stay at the forefront of advancements. Emphasizing a positive mindset, purposeful partnerships, and a commitment to substantial outcomes, his expertise is a cornerstone in the field of ESD consulting.

Principal Consultant



KAPIL KUMAR

Kapil is a Principal Sustainability Consultant at Hexicon, specializing in sustainability in the built environment. He holds a Master's in Mechanical Engineering with a minor in Business Management from the University of Melbourne and has 7 years of experience. He is skilled in GHG emissions reporting (Scope 1, 2, 3), net zero strategies, climate impact minimization, and embodied carbon assessments, combining technical expertise with a consulting mindset. He also has strong management and mentoring skills and is proficient in energy modelling, building physics, sustainability ratings (Green Star, Climate Active Carbon Neutral), and providing holistic sustainability advice.



ESD Solutions we provide ...

Town Planning Sustainability Reporting:

- Sustainable Management Plan (BESS/ BASIX Assessments)
- Water Sensitive Urban Design (WSUD) Assessment (STORM/MUSIC Modelling)
- Green Travel Plans
- Waste Management Plan
- Construction Management Plan

Technical Modelling Assessments:

- Energy Assessments
 - 7 Star NatHERS Assessments
 - NCC 2022 Section J Assessment (DtS or J1V3 Modelling)
- Daylight Modelling Assessment
- Passive Shading and Glare Assessment
- Solar PV Payback and Feasibility Assessment

Design and Expert ESD Witness Services:

- Master Planning ESD Feasibility Assessment
- VCAT ESD Expert Witness
- ESD Marketing Recommendations

ESD Formal Rating Schemes:

- Green Star Buildings Ratings (Formal Certification/Equivalency Ratings)
- Climate Active Carbon Neutral Rating
- WELL Rating
- Infrastructure Sustainability (IS) Rating
- NABERS (National Australian Built Environment Rating System) Ratings

Sustainable Finance:

- Mandatory Climate Related Financial Disclosures (AASB S1 and S2 Reports)
- Commercial Development Advice based on Sustainability Principles

Boutique Sustainability Assessments:

- Net Zero Assessment and Strategy Pathway
- Life Cycle Assessment (Cradle to Grave)
- Embodied and Operational Carbon Assessment
- Carbon Accounting and Management
- Climate Change Adaptation Risk and Assessment

Completed projects by **Hexicon**

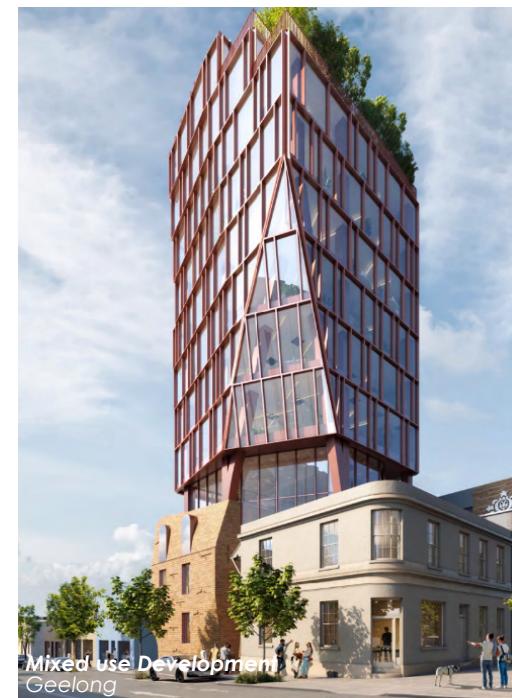
Residential (500+ dwellings) **6 Star Energy Assestment**

- Public Housing Renewable Program - Social Housing in Prahran, Brighton & Flemington, Melbourne (2022 - 2024)
- 253 Normanby Road, South Melbourne
- 18-24 Hopkins Street, Footscray
- 289 La Trobe Street, Melbourne
- 850 Whitehorse Road, Box Hill
- The Oxley, 46-76 Stanley St, Collingwood
- The Hub, 4-16 Garfield St, Richmond
- My Place, Corner of Albert St and Lilydale Grove, Hawthorn
- Eporo Tower, 280 LaTrobe St, Melbourne
- 1228 Nepean Highway, Cheltenham
- Stonnington Place Developments, Malvern
- UniHill Apartment, 51 Janefield Drive, Bundoora
- Ashwood Chadstone Gateway Project, Chadstone



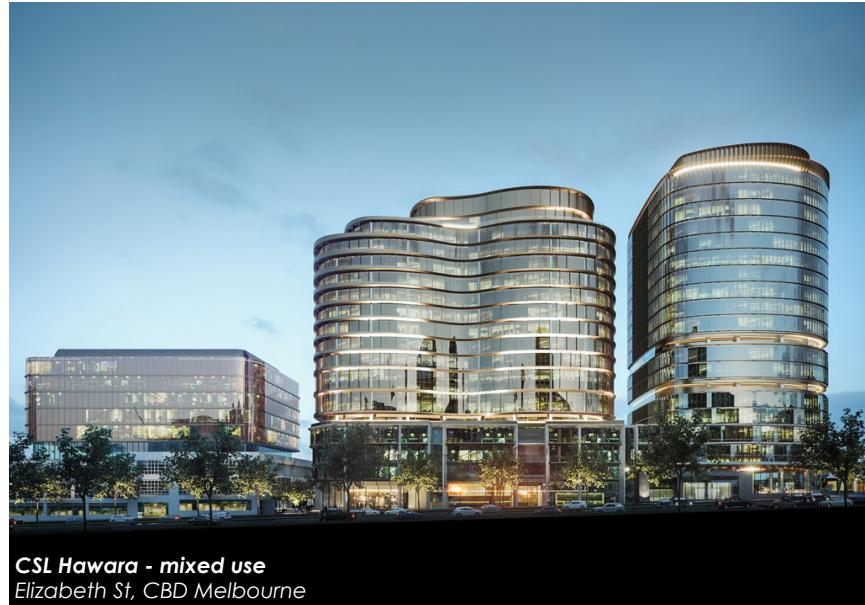
Residential & Mixed-Use Development

- 173 Sydney Rd, Brunswick
- 4-12 St Edmonds Rd, Prahran
- 223 Burke Rd, Glen Iris
- 392 Glenferrie Road, Malvern
- 110-112 Balaclava Rd, Caulfield North
- 81 Myers St, Geelong
- 100 Martin St, Brighton
- 84 Balwyn Rd, Balwyn
- 47-49 Belmore Rd, Balwyn North
- 27 & 29 Harrington Street, Airport West
- 47 Rosstown Rd, Carnegie
- 24-26 Lower Heidelberg Road, Ivanhoe
- 2 Jack Road Cheltenham
- Uni Hill Town Centre, Bundoora
- 602 Sturt St, Ballarat Central
- 5 Winston Ct, Grovedale
- 6-166 Centre Road, Narre Warren



Commercial office building Projects

- Amcor Technical Centre, Knoxfield
- Melbourne Grammar School
- Winchelsea sports complex
- Aspect Offices, 3 Stories office building in Brisbane
- The Element East and West Tower, Gold Coast
- CSL Hawara Mixed Use Development, Melbourne, VIC, Australia (2020 - 2023)
- 510 Church Street Office Building, Melbourne, VIC, Australia (2020 - 2021)
- Jacana House, 9 story office building in Darwin
- Surf Coast Shire Building, Torquay, Victoria
- Irwinconsult Office Fitout in Melbourne CBD
- Department of Education, Employment and Workplace relationship
- The Rocket Tower – Gold Coast



Aged Care Projects

- The Waterford Links – Lend Lease
- Ryman Village Healthcare – Ryman Healthcare
- Somercare Healthcare – Somerville
- Sisters of Nazareth, Ballarat
- Barware Gardens Aged Care housing, Geelong
- Aged Care, 90 Station Lake Rd. Lara
- 33-41 Mercer St, Portarlington
- Gold Creek Retirement Village
- ACES Aged care, 5-6 Parkview Ave, Brunswick
- Cullis Parade, Bayswater
- REGIS Coburg-25 Pentridge Blvd, Coburg
- REGIS Newport-286-296 Melbourne Road, Newport
- REGIS Essendon-165-169 Keilor Rd, Essendon



Child Care Projects

- 38 Heyers Road, Grovedale
- 223 Station Road, New Gisborne
- 17 Burton Court, Bayswater
- 565 Tarneit Road, Hoppers Crossings
- 11-13 Station St, Officer VIC
- 7 Harvard Avenue, Mernda
- 642 Frankston - Dandenong Rd, Carrum Downs VIC
- 860 Derrimut Rd, Tarneit VIC
- 2 Whitford Way, Doreen VIC
- 27 Tivendale Road, Officer, VIC
- 41-47 St Albans Road, St Albans VIC
- 341 – 343 Princes Hwy, Noble Park VIC
- 78 - 80 Korumburra Road & 22 Wentworth Rd, Wonthaggi VIC
- 364-366 Lower Plenty Rd, Viewbank VIC
- 151-155 Ballan Rd, Wyndham Vale VIC



Educational building Projects

- Leongatha Learning Centre – a TAFE building in Leongatha, Victoria
- Monash University New Horizon Educational Building in Clayton, Melbourne
- Cobden Primary School Toilet Refurbishment
- Catholic Education Sandhurst New Catholic Primary School (Huntly)
- Northbridge Public School, Northbridge NSW
- Toolern Vale & District Primary School
- Derby Meadows Pre-School and Boori MCH
- Donvale ELC & Swim School, Donvale
- St. Joseph's Primary School development at 33 Lascelles Street, Hopetoun
- St Bernard's College, 41 Rosehill Road, Essendon
- 10 Mandeville Cres, Toorak
- 65 River End Rd, Bangholme
- Buckley Park College, Cooper St, Essendon
- Trinity College Colac, 119 Hart Street, Colac



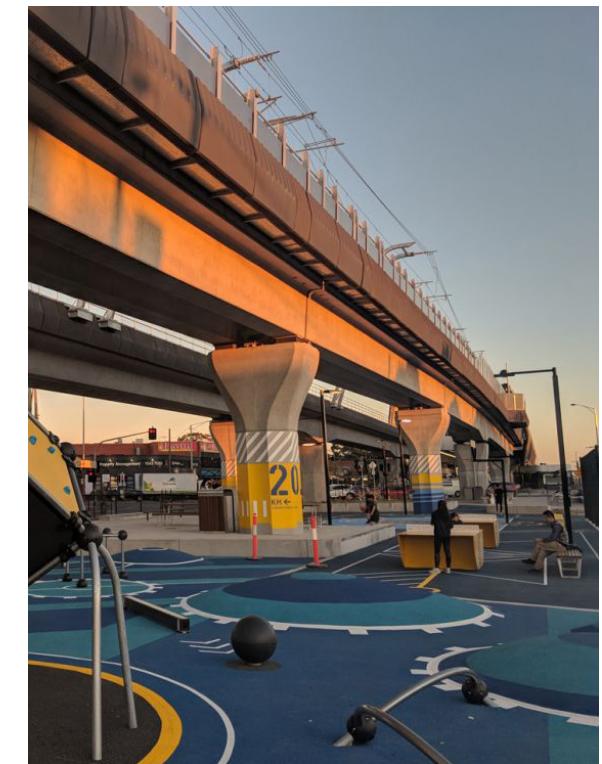
Defence Projects

- Special Operations Capability Enhancement and Continuous Development Program with DERMS, in NSW and NT, Australia (2022 - 2024)
- Robertson Barracks Development with DERMS, NT, Australia (2021 - 2022)



Infrastructural Projects

- North East Link Project, Melbourne, VIC, Australia (2020 - 2022) with Government of Victoria
- Level Crossing Removal Project, Melbourne, VIC, Australia (2020 - 2022) with Government of Victoria.



Completed projects by **Hexicon**

Industrial Projects

- Bunnings Moorabbin
- Bunnings Rosebud
- 30-40 Flockhart Street, Abbotsford
- 175 Burnley Street Richmond
- 9 Somers St, Sunshine North
- Lot 5 Regent Place, Kyneton
- 6 Reid St, Ardeer
- 40 Tennyson St, Williamstown North
- 207-209 Colchester Rd, Kilsyth
- 1310 - 1320 Hume Freeway & 8 Yaldwin Street, Kalkallo
- 252 Lower Dandenong Road, Mordialloc
- Lot 1-86 Exchange Dr, Pakenham



Stadiums/Community Buildings

- 195 Hallam Rd, Lynbrook
- Victoria Park Multipurpose Facility, Echuca
- Main Oval, Whittakers Rd. Tralagon
- 66-110 McNairn Rd, Traralgon East
- Thornhill Park Children's and Community Centre
- Southwest TAFE 193/197-205 Timor Street, Warrnambool
- 795 Lusatia Park Rd, Hoddles Creek,
- Odyssey House Indigenous Arts Precinct 28 Bonds Rd, Lower Plenty
- 69-73 Specimen Hill Rd, Golden Square
- Bairnside Depot Redevelopment
- Building 13D Monash University, Wellington Rd, Clayton
- University of Melbourne, Building 113 Baldwin Spencer
- Lot C, 10 Riverhook St, Armstrong Creek
- 43 Hattam Street, Golden Square





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