



## Steve Moller

HIP V. HYPE SUSTAINABILITY  
GREEN BUILDING ENGINEER  
MOBILE +61 (0) 429 351 850  
STEVE@HIPVHYPE.COM

As a Green Building Engineer, Steve brings 40 years of technical experience to HIP V. HYPE Sustainability's Better Buildings team.

Steve has a deep and practical understanding of passive building design, efficient systems and renewable energy technology. He's driven by a passion to translate his technical knowledge and extensive experience into practical solutions to improve the buildings in which we live, work and play. This means designing and operating buildings to consume less energy, use less water and generate less waste. Buildings are responsible for 19% of global greenhouse gas emissions,<sup>1</sup> so it's vital that we design and build buildings that have net zero emissions as well as upgrading our existing building stock.

Steve is an energy specialist with significant experience in energy modelling tools – both in their development and application in commercial buildings. A particular focus for Steve is heating, ventilation and air conditioning (HVAC) systems – how they are designed and what it takes to ensure energy efficient operation in various climates.

At HIP V. HYPE Sustainability, Steve provides technical analysis and sustainability advice to our clients and their project teams. His design approach focusses around four key steps:

1. **The Site:** Understand the challenges and opportunities unique to the site.
2. **Passive Performance:** Design a hard-working façade that works with and responds to the local climate.
3. **Efficient Products & Systems:** Select the best systems.
4. **Renewable Sources:** Include renewable energy and sustainable water systems to address the remaining (reduced) demands.

For more than 30 years, Steve has coordinated the implementation of environmental sustainability measures on building projects across the globe. In addition to his energy efficiency specialisation, Steve has designed mechanical services and conducted energy audits for a range of commercial, institutional, health and educational projects, which has provided him with in-depth knowledge of the implications of energy efficiency measures in building design and operation.

In addition to his leadership within countless projects, Steve has published and presented over 25 technical papers, many with CSIRO. Over the years, Steve has written chapters for books and websites and lectured in university and training courses.

In his spare time Steve enjoys being active in the great outdoors with his family – surfing, sailing, bike riding and bush walking. He also has a creative side via his song-writing duo: The Bowersmiths.

1. Hurlimann, A. and Warren-Myers G. (27\_NOV, 2018). Building Cities for a Changing Climate. Pursuit.

## Formal Qualifications

---

- B.ENG (MECH), ROYAL MELBOURNE INSTITUTE OF TECHNOLOGY
- 

## Professional Affiliations

---

- AUSTRALIAN INSTITUTION OF REFRIGERATION AIR CONDITIONING AND HEATING
  - AUSTRALIAN AND NEW ZEALAND SOLAR ENERGY SOCIETY
- 

