

SAMANTHA SUPPIAH

CEng MCIBSE

SUSTAINABILITY STRATEGIST
Urban & Building Design

PERSONAL PROFILE

I am a Southeast Asian sustainability strategist with a professional European background in engineering, architecture and urban design, having studied and worked in the United Kingdom, Sweden and Philippines. My wide-ranging world-class competencies span building physics, computational simulation, lifetime environmental strategies and participatory social sustainability.

CONTACT

<https://urbandoughnut.asia>
Laguna, Philippines, Southeast Asia

POSITIONS

2020 - Present

Principal Consultant, Sustainability Strategist, Philippines

2017 - 2019

Sustainability Specialist, White Arkitekter, Stockholm, Sweden

2016 - 2017

Sustainable Design Engineer, Syntegra, London, England

2012 - 2016

Energy Engineer, Harley Haddow, Sustainability Consultant, Rybka, Edinburgh, Scotland

2011

Wind Data Analyst, TUV SUD NEL, Glasgow, Scotland

EDUCATION

2019

The Circular City: Towards a Sustainable Urban Ecosystem, University of Amsterdam & Metabolic

2008 - 2012

MEng Mechanical Engineering with Renewable Energy, University of Edinburgh

PROFESSIONAL HISTORY

Technical Experience

- **Reporting.** Holistic sustainability and energy strategies for building and urban design. Sustainable design coordination: working with design teams, clients, planning and building control authorities
- **Informed design.** Environmental modelling and simulation: daylight, solar exposure, wind, energy, carbon, thermal comfort, natural ventilation, renewable energy potential, lifecycle analyses
- **Compliance.** Designing to international, UK and Swedish requirements and environmental assessment methods: BREEAM, LBC, etc.
- **Conservation.** Refurbishment, cultural heritage. UNESCO, European, British and Swedish standards and expertise for architectural heritage, local regional development and city plans

Intrapreneurial Experience

- **Internal programmes.** Diverse research and development initiatives, leveraging the firm's existing knowledge and experience, inspired by global examples of innovation and best practice design
- **Continual professional development.** Representation and external learning through networking and industry events
- **Cross-disciplinary collaboration.** Internal knowledge-sharing, skills training, competency and professional development, including discussion forums, resource libraries, methodologies and tutorials

Strategic Experience

- **Global networks.** Growing and weaving international professional, academic and community networks in regenerative urbanism and climate action
- **Collaboration.** Bringing together multiple disciplines at project, team and management levels, including marketing, project and process management, and business development
- **Positioning.** Supporting and enhancing the firm's ability to grow competencies and secure landmark projects
- **Sustainable leadership.** Bringing an innovative global perspective to various aspects of urban and building design, with an approach centred on transparency, knowledge-sharing and collaboration

SELECTED PROJECTS

Sweden

Sustainability Strategy, University of Uppsala

Campus sustainability strategy 2020 - 2050, targeting net zero carbon with a 30-year development strategy. Consumption and emissions reduction, urban planning and emissions offset strategy.

England

Weavers Quarter, Gascoigne East, London

£300m neighbourhood regeneration, stringent sustainable design requirements within a culturally-sensitive area. Holistic sustainability and energy strategies, detailed design support.

Scotland

Kelvin Hall, Glasgow

£26m refurbishment of the listed historic international sports arena. Multiple Scottish awards; shortlisted for AJ100 Building of the year. Sustainability, energy and environmental design.