



## Irene Mantovani

Position - Façade Engineer, Building Physics

Qualification - MSc in Building Engineering, Politecnico of Milan (Italy)

Irene has a particular ability in all the building physics aspects of building envelopes acquired during the studies of Building Engineering and thanks to several courses and workshops in Italy and abroad, she has skills in assessing the energy and environmental performance of different envelope solutions.

She has also some experience working with software for energetic simulations, like Trnsys and IES Virtual Environment. In addition, during the studies she experience how to design and analyse several aspects regarding the facades, both in office and residential buildings, like thermal, solar and lightning focusing on the best performing solution, in terms of internal comfort.

Irene is skilled at 2D CAD design, 2D and 3D thermal analysis and parametric design using software like Grasshopper, a plug-in of Rhinoceros.

Key FMDC project involvement:

*Chelsea Barracks\_ Phase 4, London*

*Shepherdess Walk, London*

*Ropemaker Street, London*

*Grosvenor Square, London*

*Canada Water Masterplan Plot A1, London*