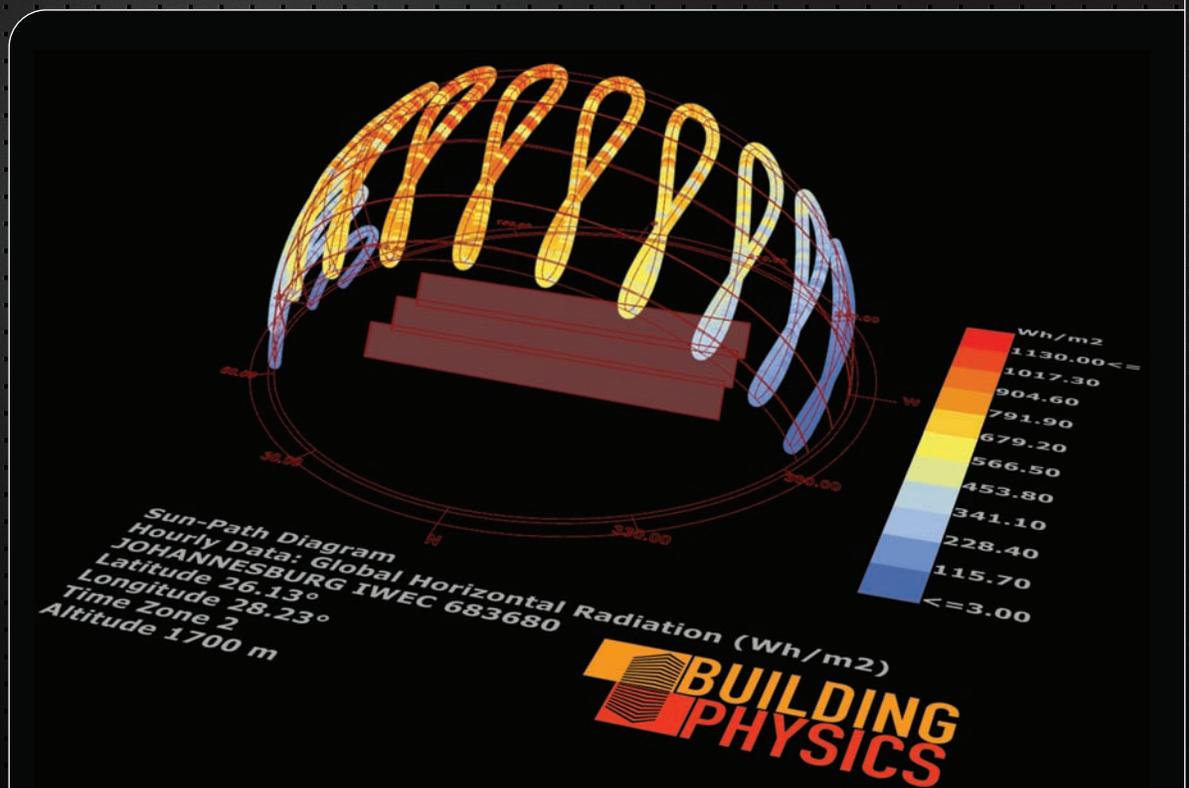
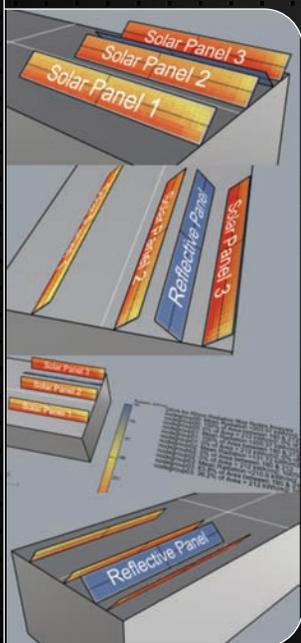
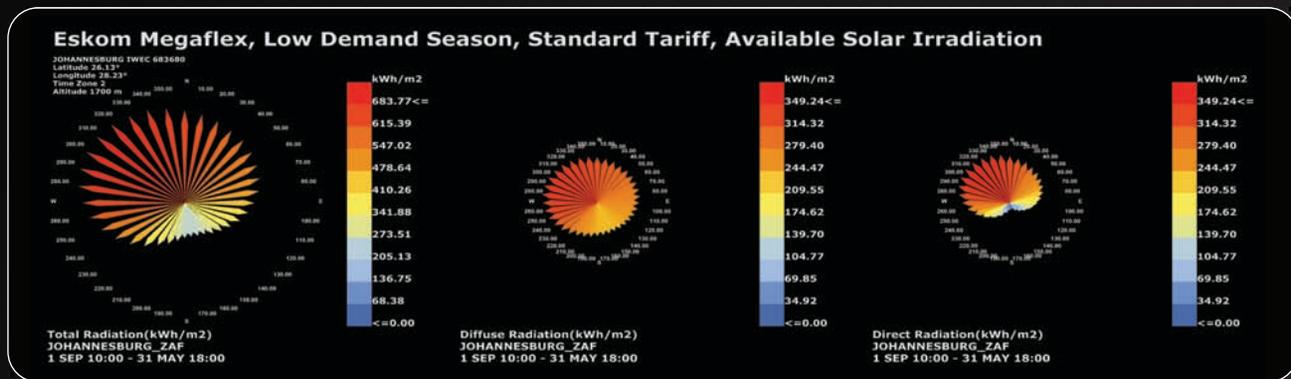


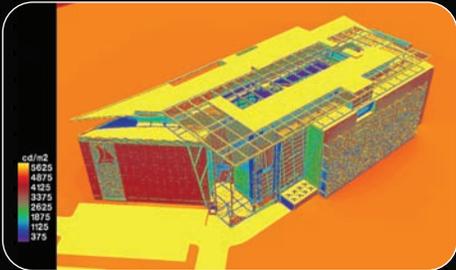
High Fidelity Financial Modelling & Design of Rooftop PV Systems in Southern Africa

Using raw data from World Bank recognised simulation packages, we are able to generate the relevant performance data on rooftop PV Systems.

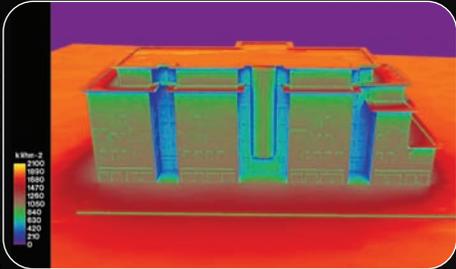
PV is about the Cost of Energy, about the NPV, ROI, and Icoe.

What really counts is a bankable business case, in addition to a good Engineering Design.

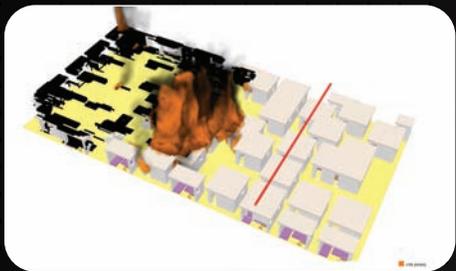




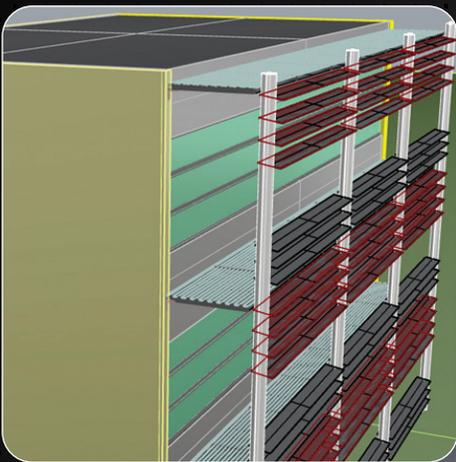
Glare Analysis on an internal Courtyard



Solar Heat gain on a Kenyan Building



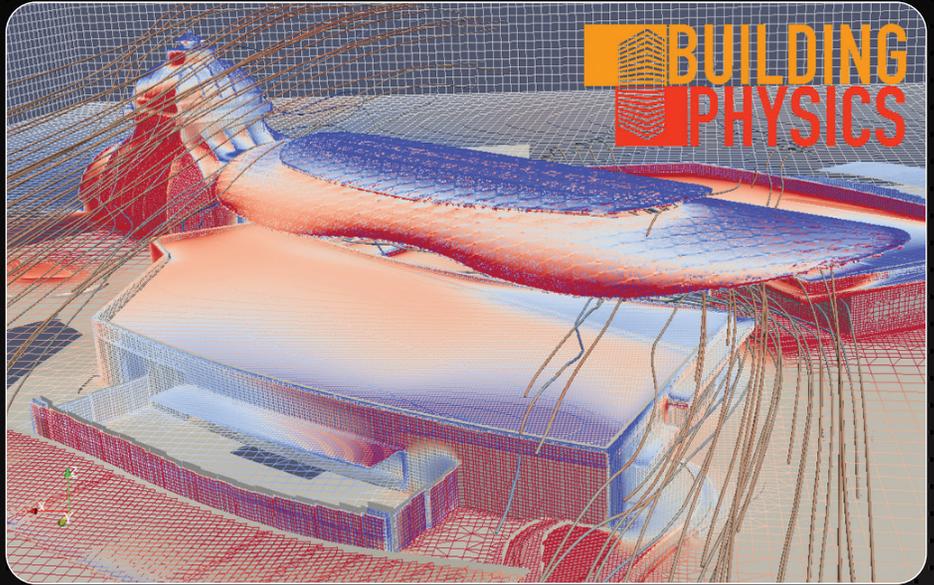
Fire Spread Analysis on A SA Township



Modelling various external Shades in order to reduce solar heat gain



Performance metrics for a typical window

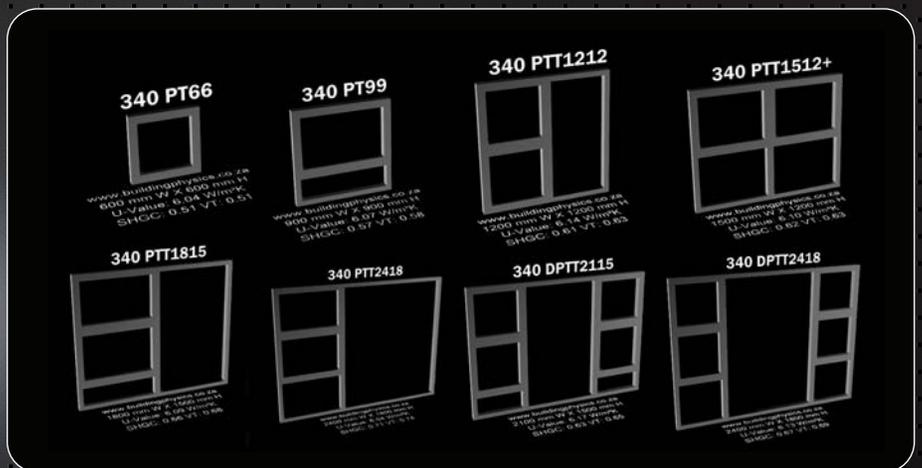


CFD Wind Flow Analysis on a Shopping Centre Project

BuildingPhysics has focused for over a decade on high performance buildings, and on the envelope in particular.

BP managed the certification of Africa's first LEED Gold Building, and have a deep understanding of the value of good facades.

We optimise facades to improve a building's thermal and visual comfort, and to reduce the overall energy consumption.



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Members of SAIEE, IEEE, ASHRAE, IBPSA & US Green Building Council

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