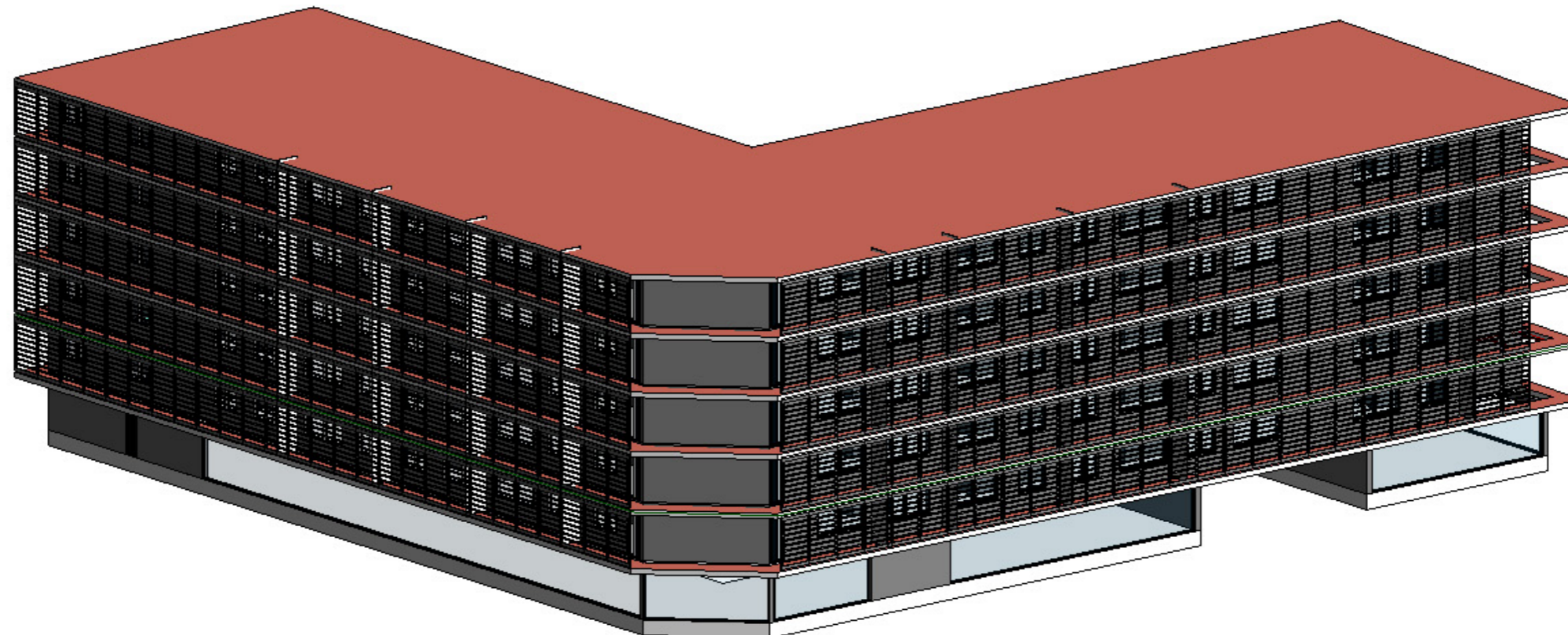


CONCEPT ARCHITETTONICI INTEGRATI AL PROCESSO BIM

Sviluppo di concept architettonici per analisi energetiche
preliminari applicate al caso studio Masdar City



0 OBIETTIVI

CONCEPT

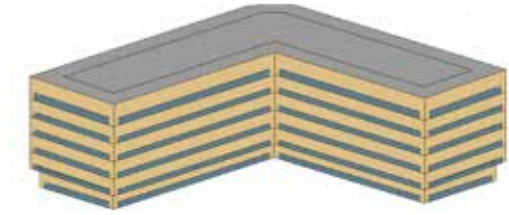


NORMATIVE

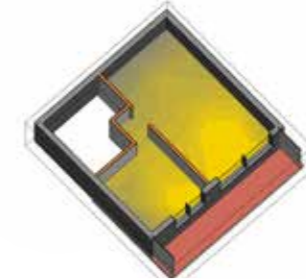
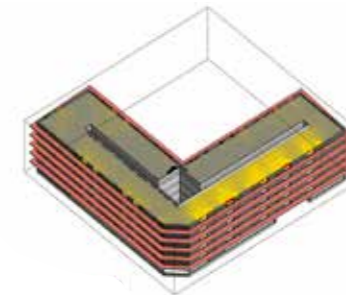
MASDAR
ENERGY
DESIGN
GUIDELINES

ESTIDAMA

RISULTATI



ANALISI ENERGETICHE

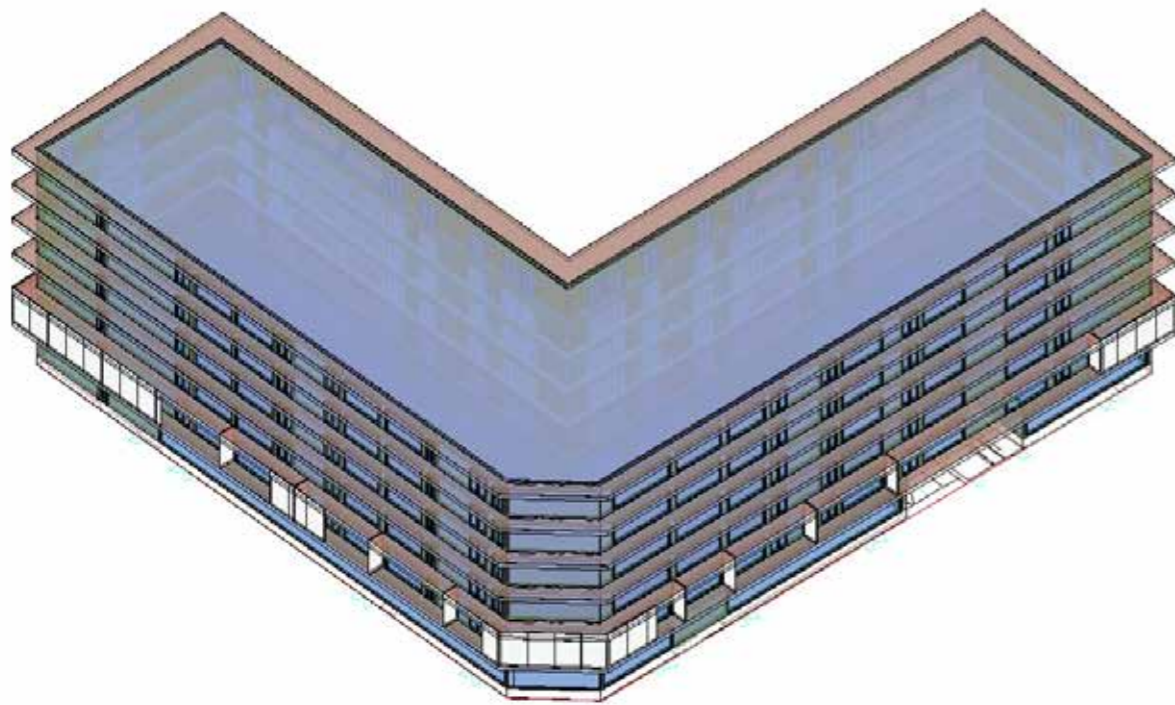


ANALISI SOLARI

2 WORKFLOW

Le analisi utilizzate

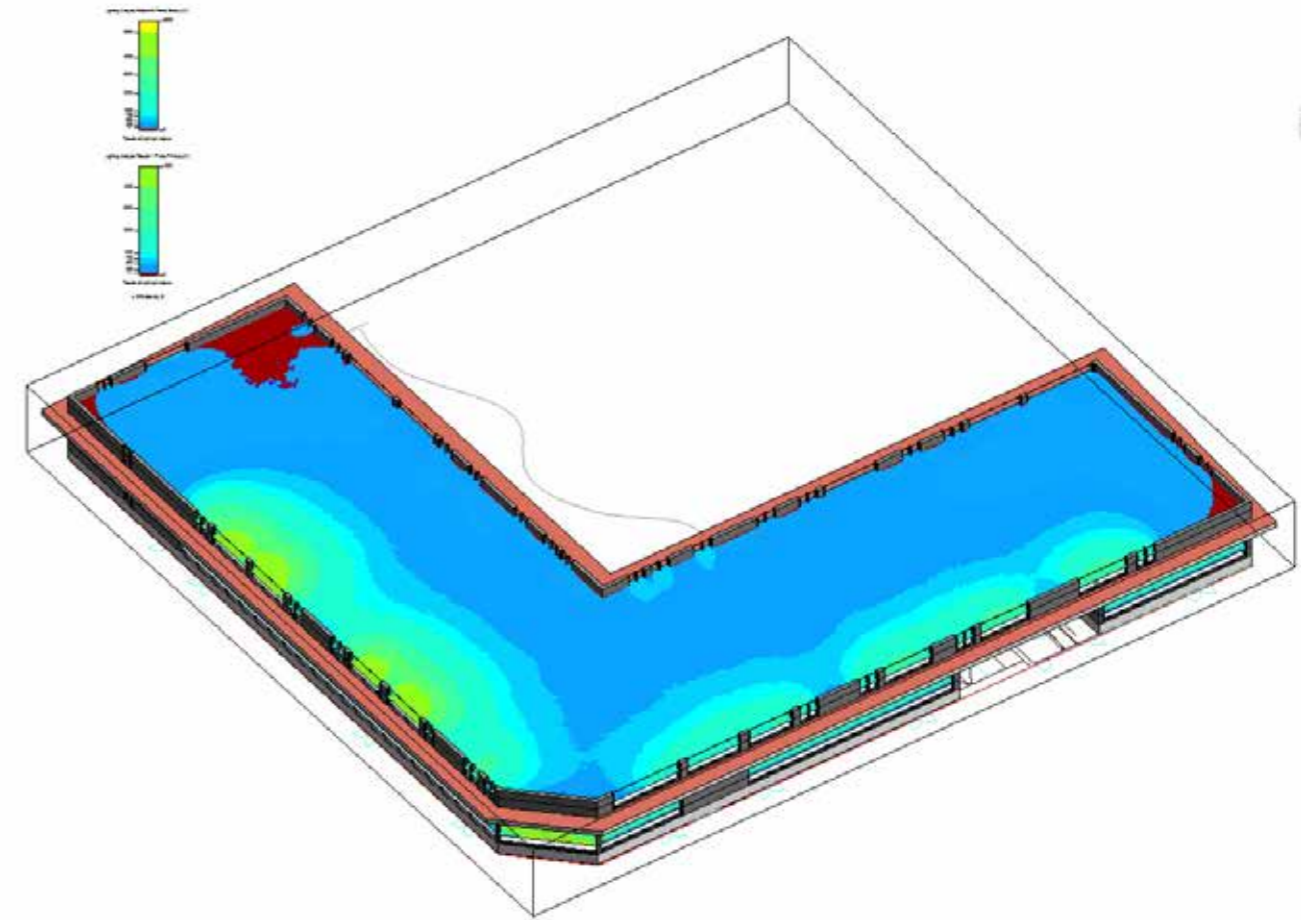
Analisi energetiche



Consumi energetici

Feedback in tempo reale

Analisi Luce diurna



Illuminamento

Protocollo LEED

Fattore luce diurna

3 CASO STUDIO: MASDAR CITY

Che cos'è Masdar City

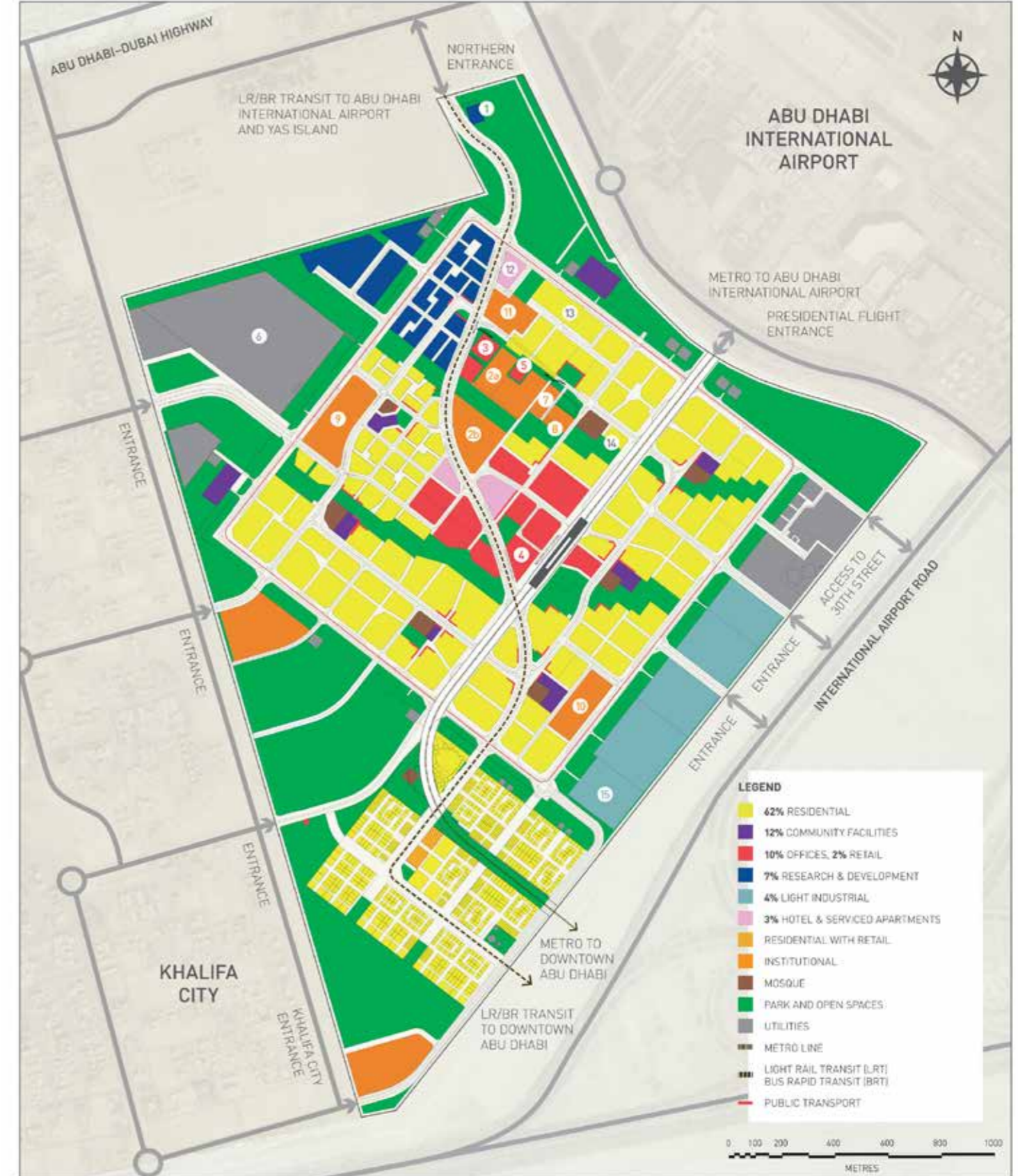
Inquadramento area



Vista Masterplan



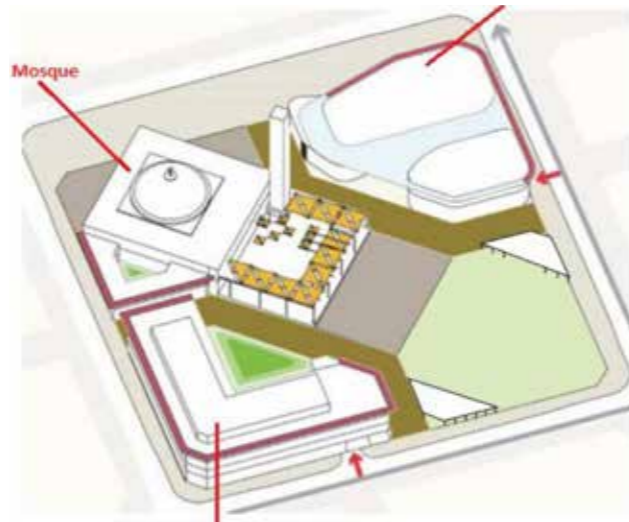
Sviluppo Masterplan



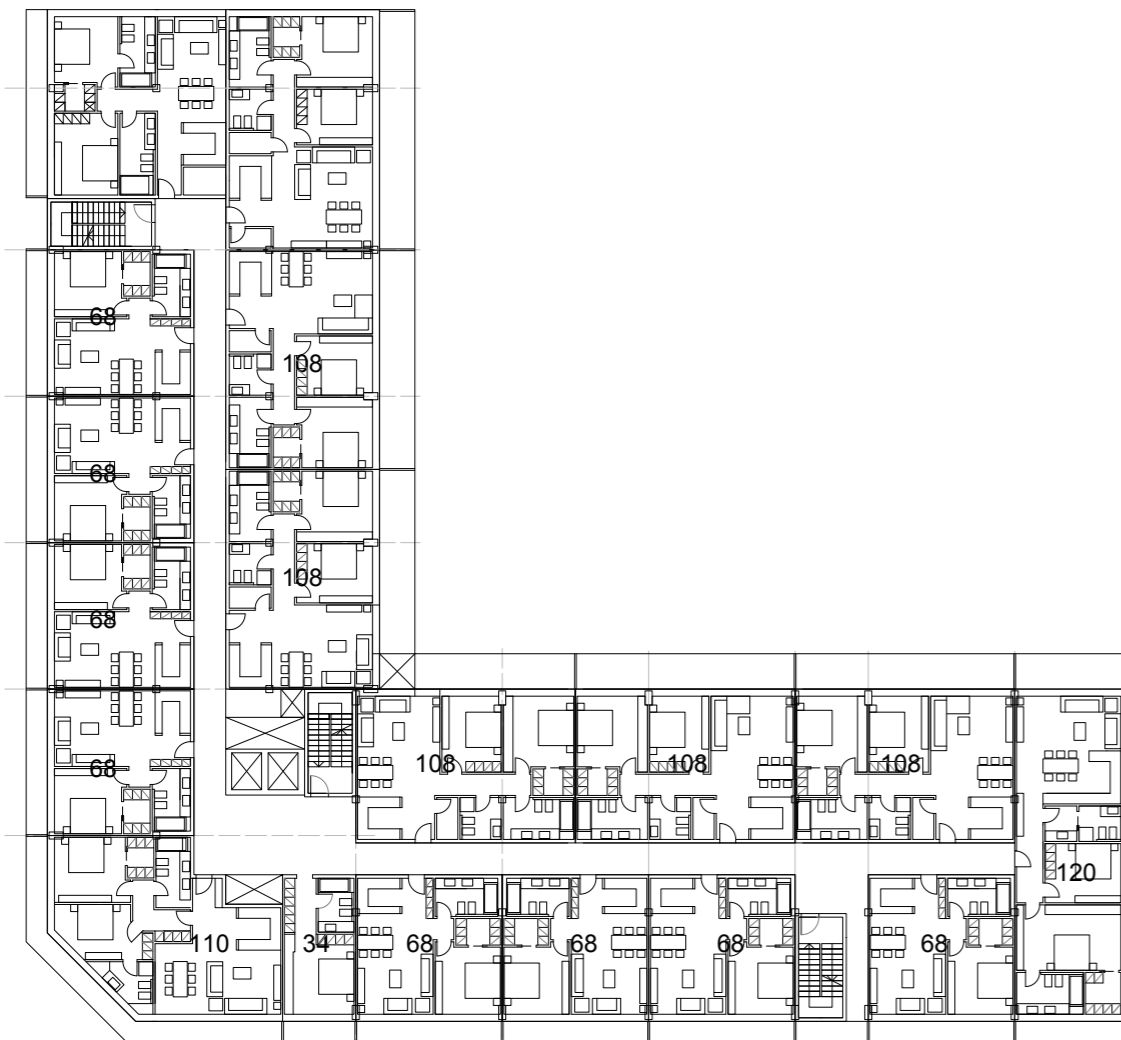
3 CASO STUDIO: MASDAR CITY

Il concept

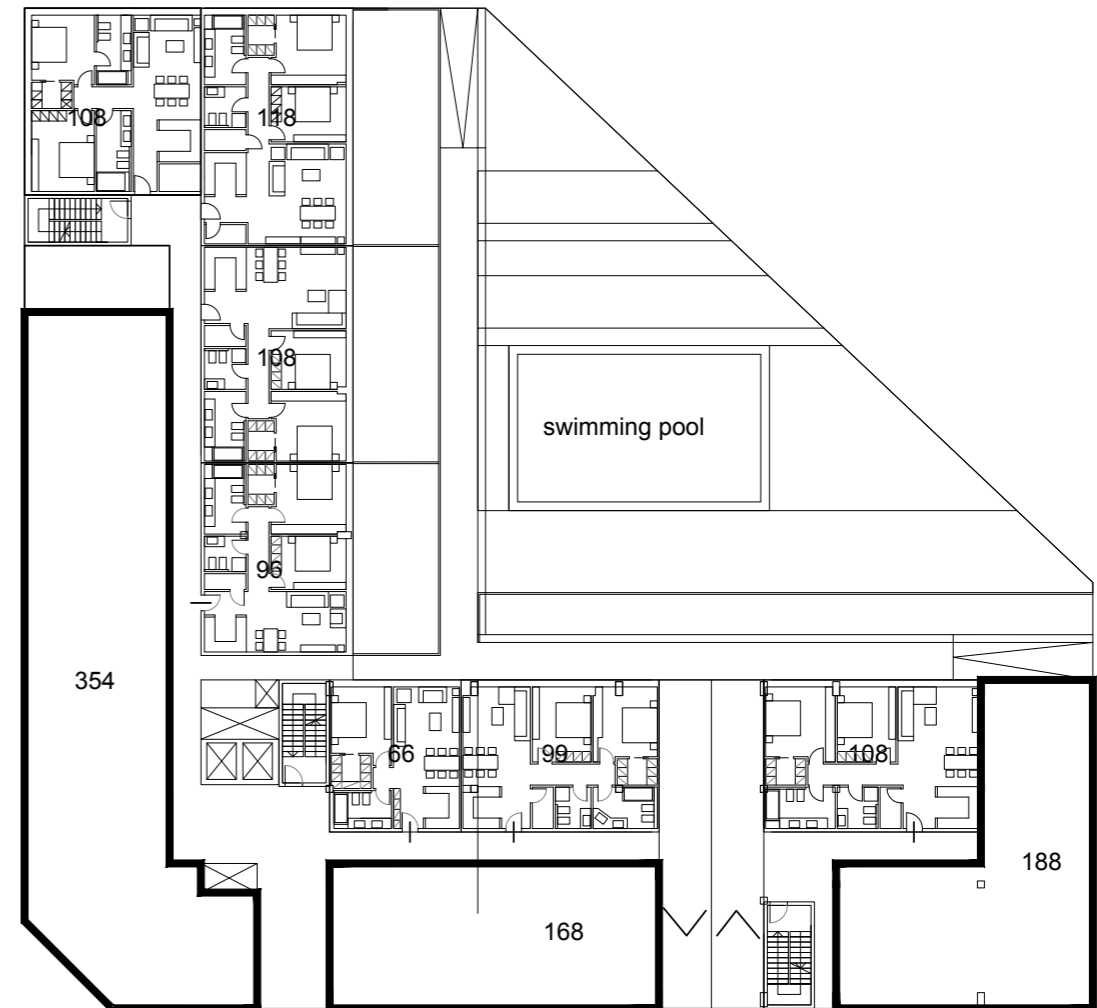
Viste del lotto



Screenshot Concept Architettonico



Piano tipo



Piano Terra

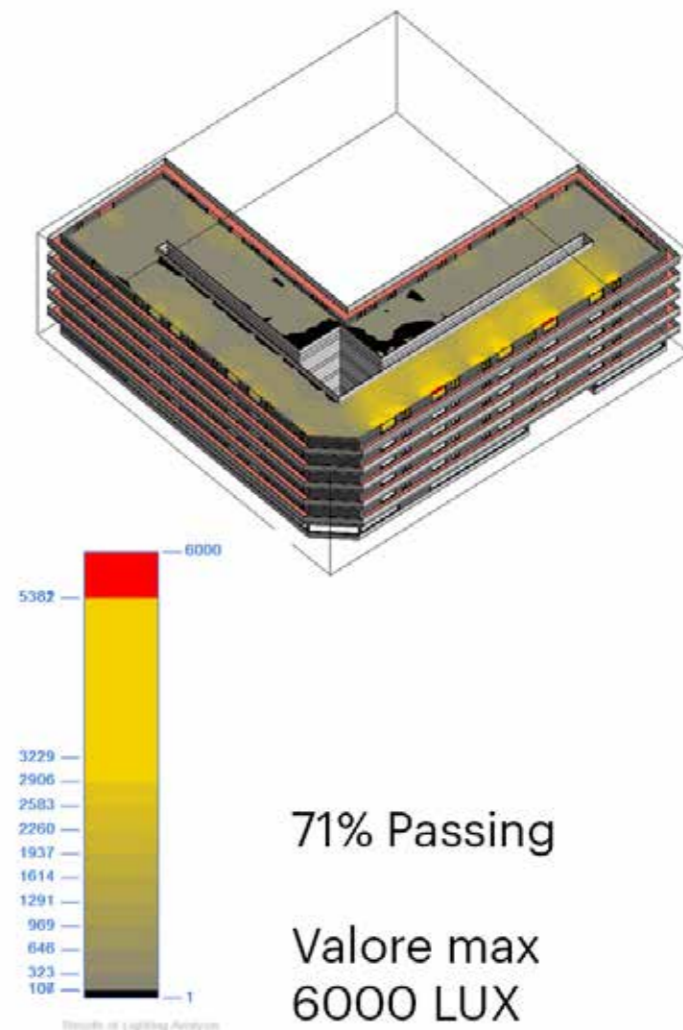
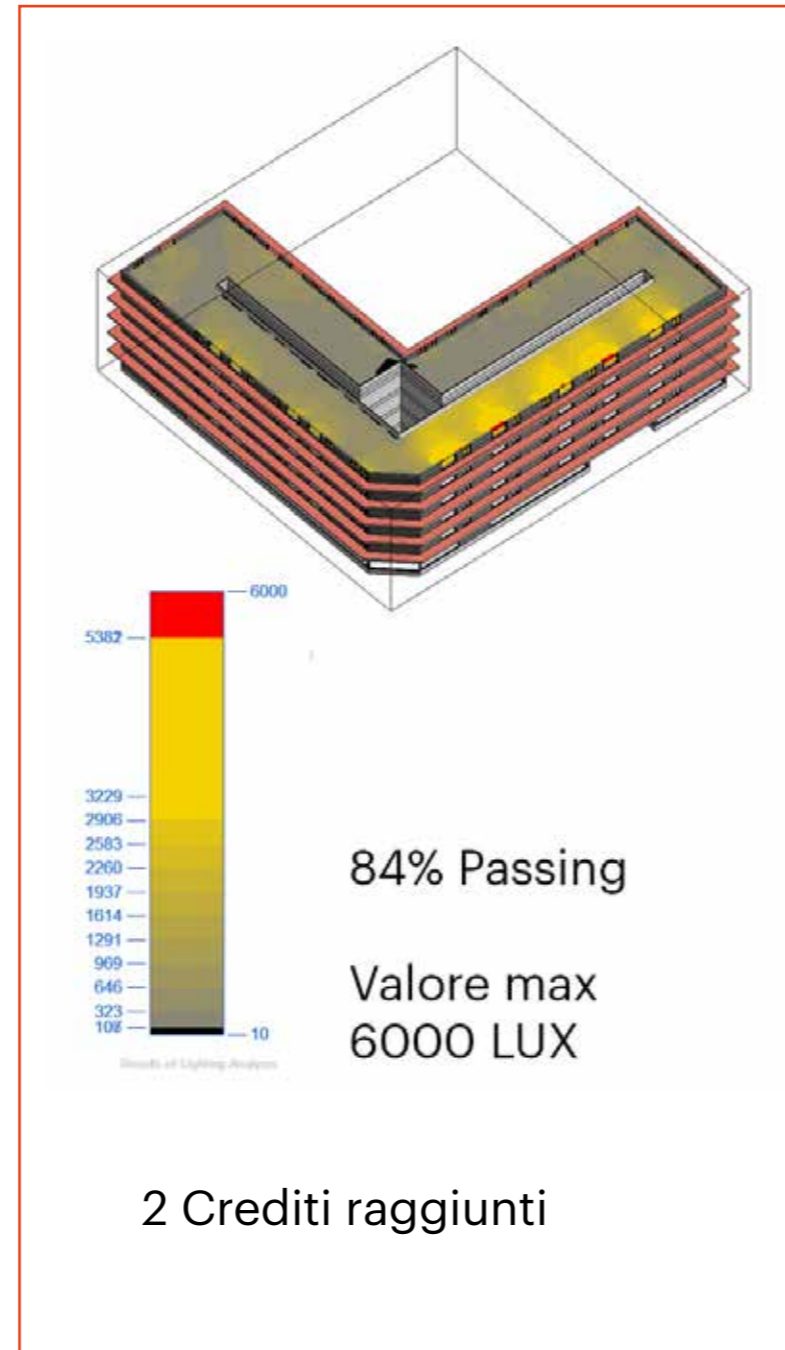
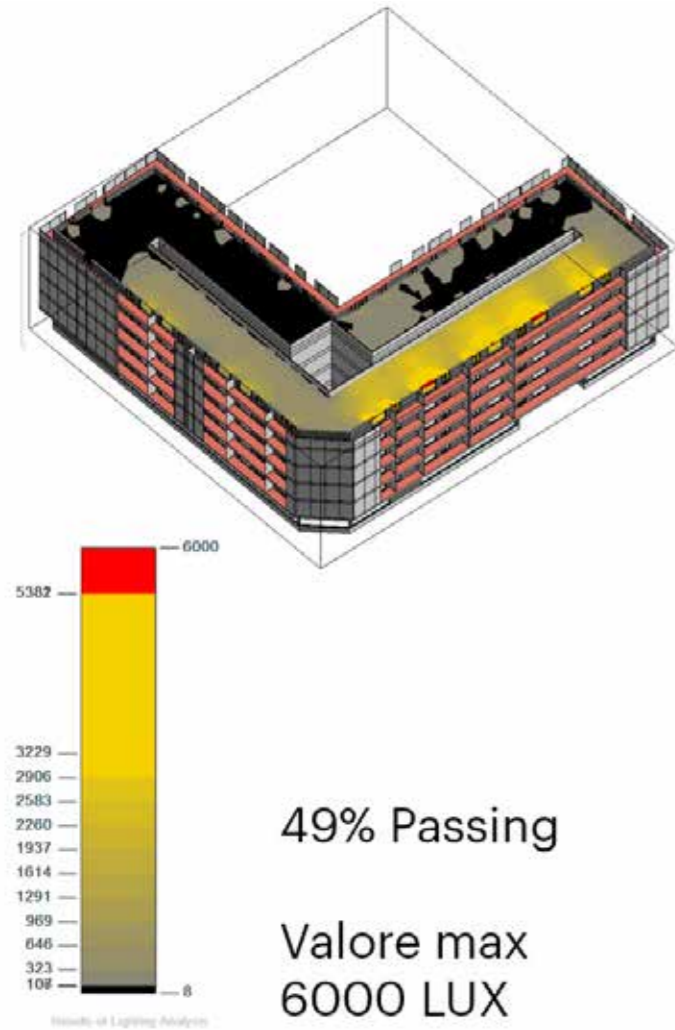
3 CASO STUDIO: MASDAR CITY

Risultati analisi: scala edificio

Schermatura

No schermatura

Parapetto opaco



0 Crediti raggiunti

2 Crediti raggiunti

1 Credito raggiunto