

GOAL: HK CLIMATE ACTION PLAN 2030+

SMARTer cities (construction, living, environment, and people)

HK Buildings Sector

90% Electricity

67% Greenhouse gas emissions

↓36% carbon emissions

↓70% energy use intensity

HVAC Building energy consumption



OUR SOLUTION?

LOW-COST ACTIVE WIDE-SCALE

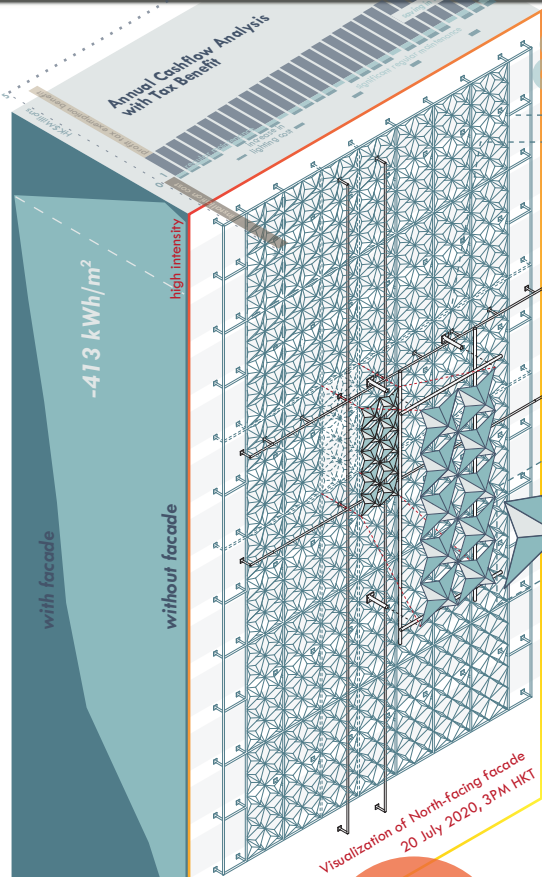


SMART People

SMART Environment

SMART Living

SMART Construction



Adheres to HK Wind Code 2019

Aluminium frame HST3 Type Anchor

No grouting



Future collaboration CUHK-Chun Wo Cable-driven robot system

Case-by-case structural retrofit & energy analysis ensuring optimum performance of Ultimate & Serviceability Limit State

Barcode

Modular detachable connection



PTFE



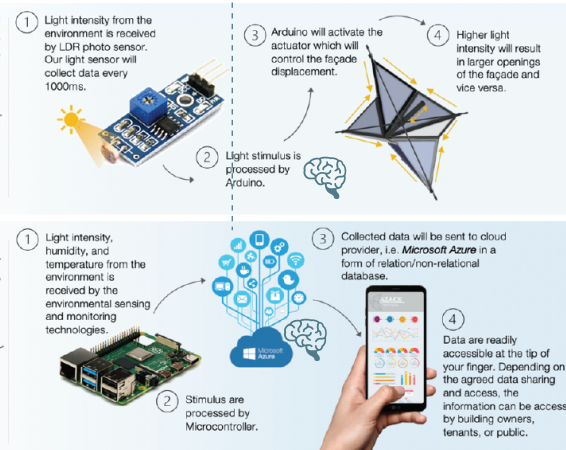
Visualization of North-facing facade 20 July 2020, 3PM HKT

RADIATION 35% impact factor

HVAC COST ↓32%

NATURAL LIGHTING ↓20% directly impacted area

EVEN LIGHTING PRODUCTIVITY ↑



Our company...



breakeven in 3 YEARS with 4571.7m² AZUMOS panels

Rising public interest in Green Building Tech

WHY INVEST IN AZUMOS?

IRR Analysis Method

Payback period of 1 year

↓35% building's operational cost

270% ROI at its end of life with tax benefit

~50% private sector projects on BEAM Plus annually since 2014

53% CRE would pay premium for green retrofit

40% CRE rated sustainability as major factor in company's location decision



"lack of green product supplier is a barrier implement Green Building Technologies." 63% developer respondents on GBT market readiness report.



Vertical sun-shade

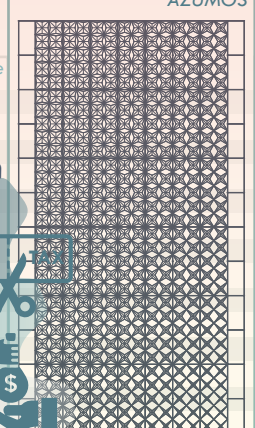
Market infiltration

ESG

GREEN FINANCE

RESPONDING HONG KONG'S GREEN BUILDING MARKET

AZUMOS



High-performance glazing

Towards a SMARTer city

Sustainable can be low cost!