



HEAT SIGNATURE

Problem Statement



Warmest on record and the resulting extreme weather conditions have caused widespread flooding

SG Green Building Masterplan 80-80-80



**Green 80% of Singapore's
buildings by Gross Floor Area
(GFA) by 2030**



**80% of new developments
to be Super Low Energy
(SLE) buildings from 2030**



**80% improvement in energy
efficiency (over 2005 levels)
for best-in-class green
buildings by 2030**



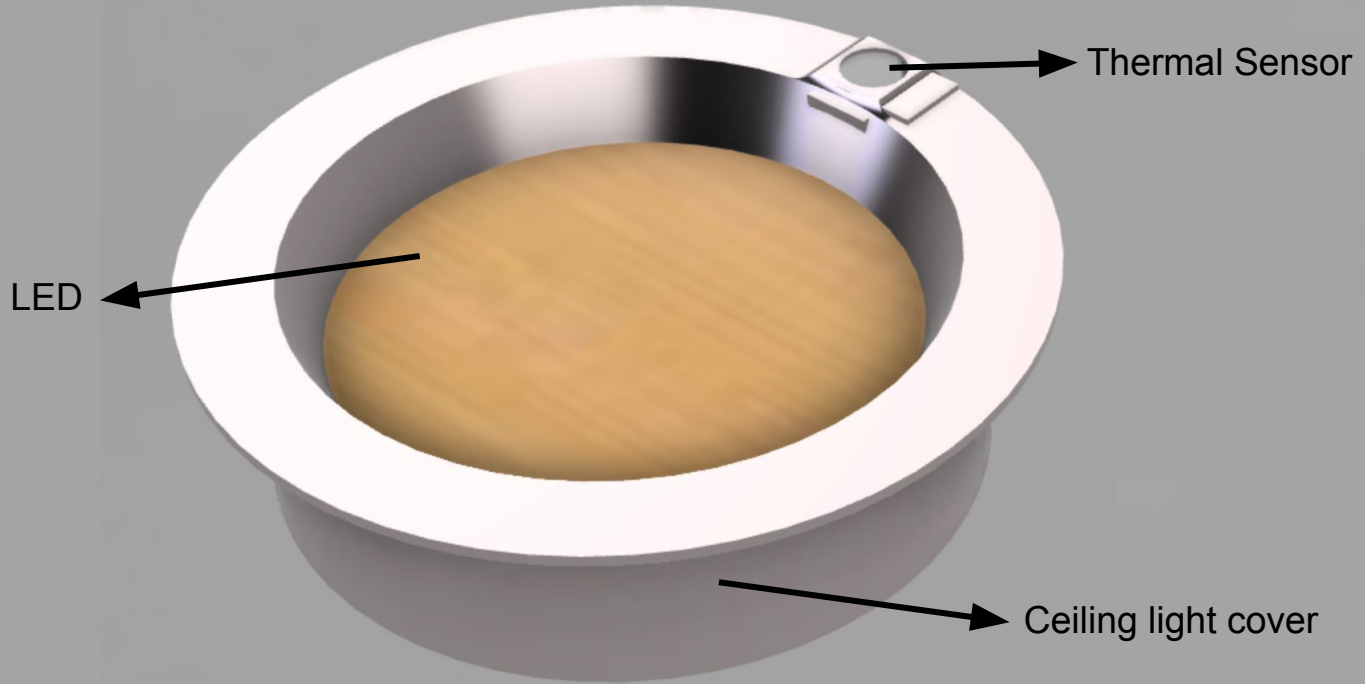
Mission & Vision

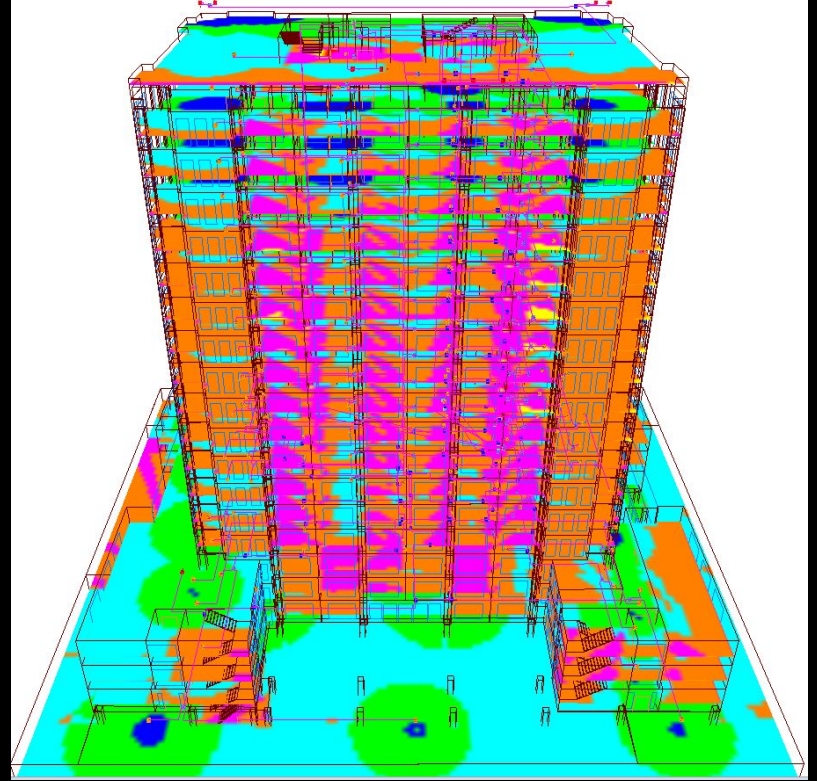
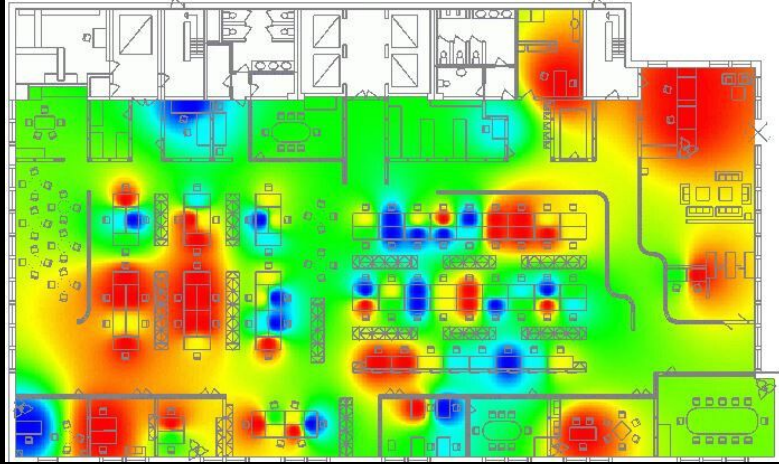
Digitalize and futureproof all the buildings and urban spaces
in the world by offering big data analytics



Solution

HeatSignature Ceiling Downlight





Applications



Building Energy Management



Retail Analytics



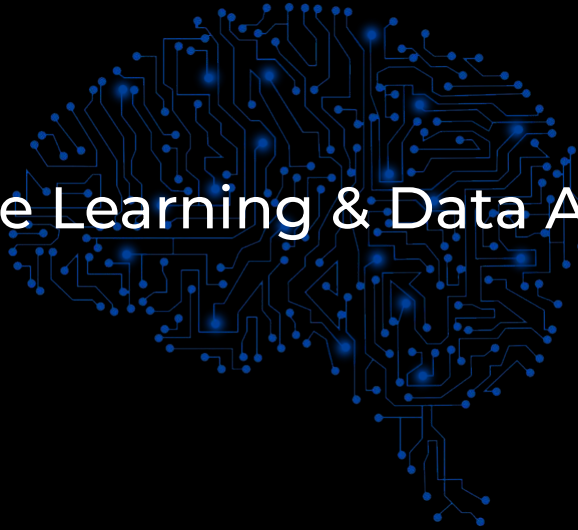
Healthcare



Hospitality

Future Work

Machine Learning & Data Analytics



Business Collaboration



Partner with local lighting company to scale up our solution

Market Potential



Light is everywhere!



Buildings want to go green!

Summary

- Light covers 100% of the floor space
- Real time insights to activity level
- Optimise Building Energy Management System & Space Layout
- Improve productivity in Facility Management
- No renovation & additional materials (i.e electrical cables, renovation)

TRANSFORMATION



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