

Empowering Community through Digital Technology

February 2024

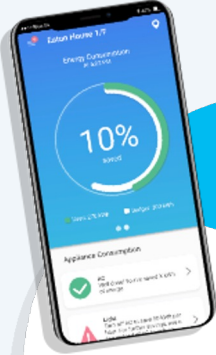
BLUE SKY MODEL

Data Source



Smart Sensor / Raw Data

Software Platform - Data Visualization and Analysis



Auditing



Real-time prediction



Customize sustainability advisory for each user



Track savings & indoor conditions



Remote appliance monitoring, control and optimization



User education & reward engagement



Data transparency for target tracking and reporting



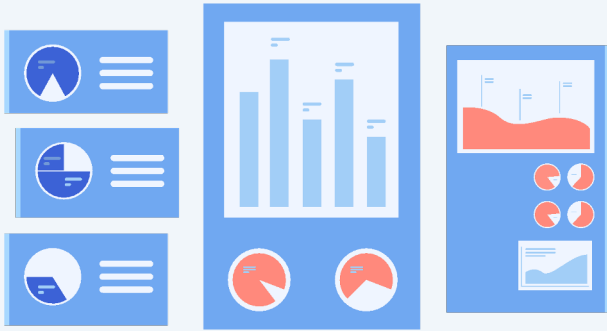
Gamification

BLUE SKY SOLUTION

IoT & data platform for green & healthy community



ENGAGEMENT



DATA

Meet Target tracked by IoT sensors or integrated applications



EDUCATION

Follow Interactive Content



BEHAVIOUR

Log actions & Spread the word

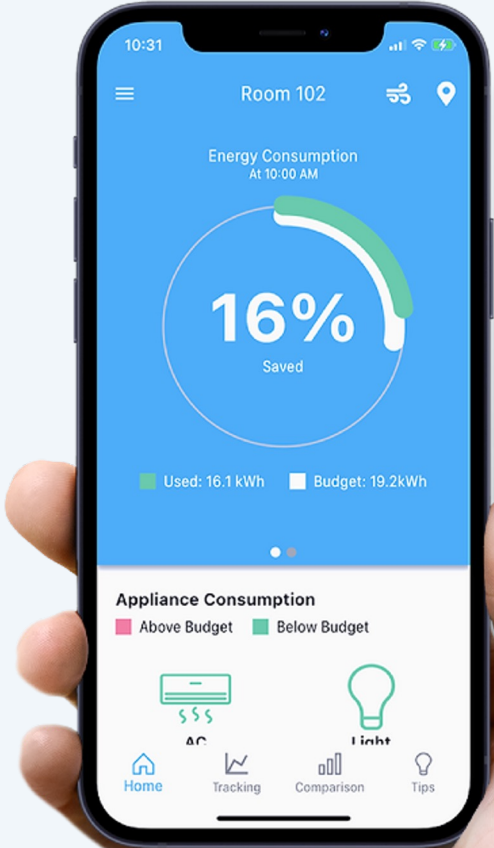


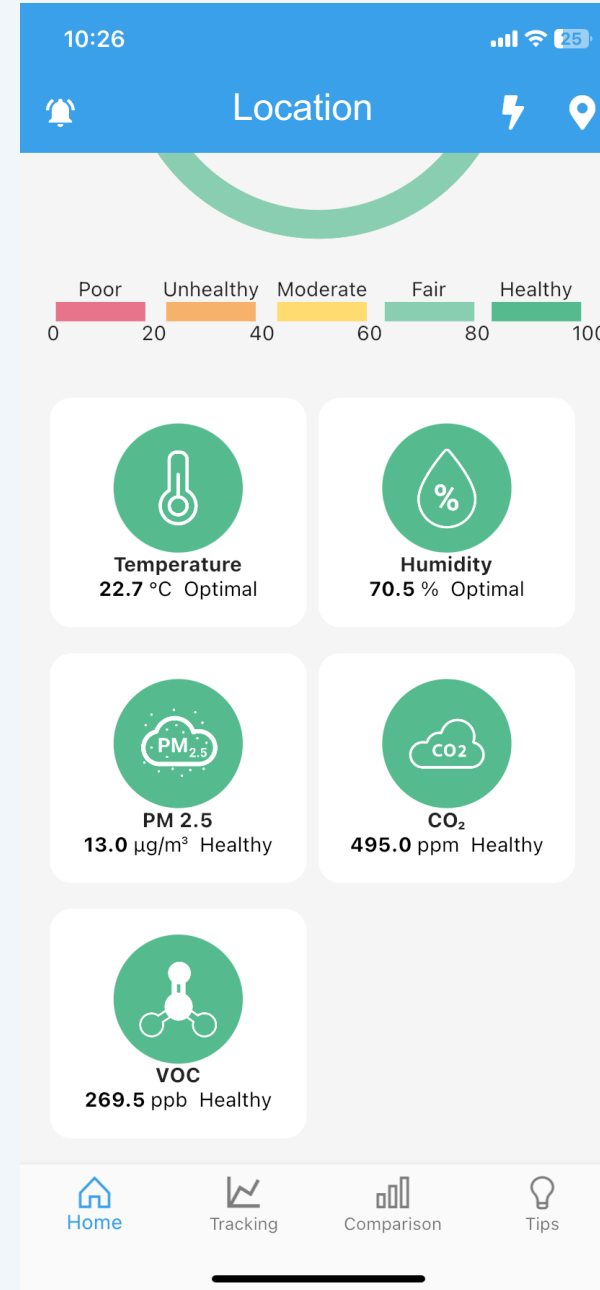
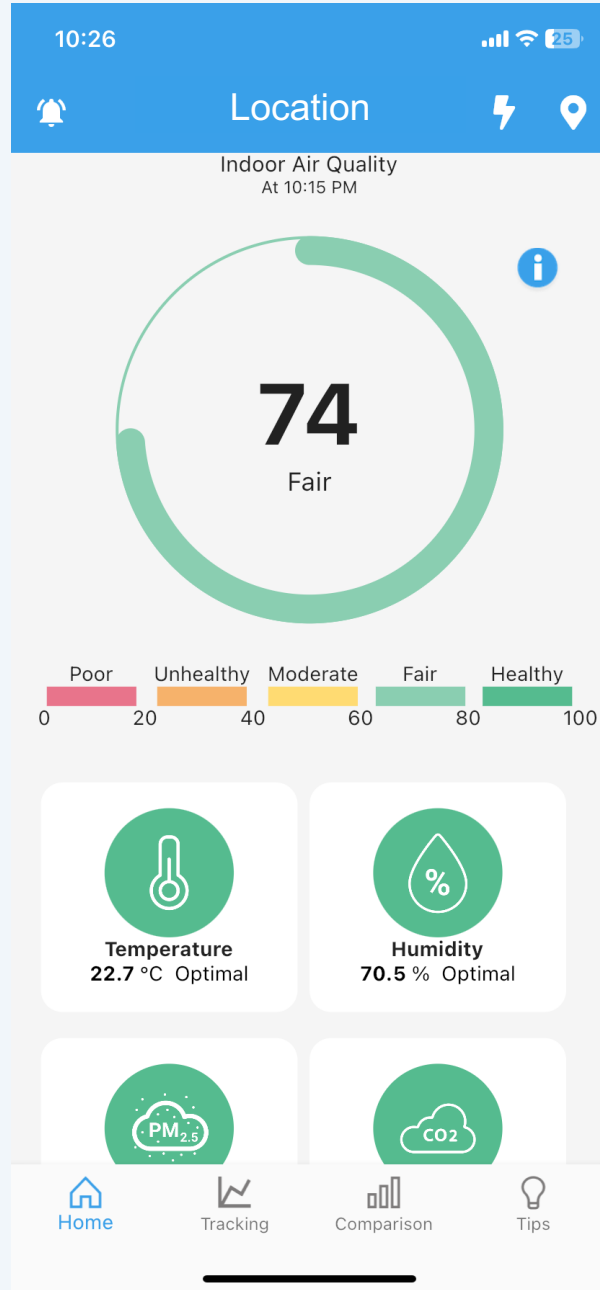
Earn through meeting target and green actions

BLUE SKY SOFTWARE

WEB/APP

Blue Sky software, Blue Sky Guardian features have been developed for end-users and management.





NGO centers coverage

120+

service centers

126+

Blue Sky
Ambassadors

5000+

Staff & Service
Users engaged



每月藍天計劃之最：分享好的點子及表揚藍天達人



2020年12月份藍天計劃之最

獲提名節能行動

向西面的窗貼上隔熱玻璃貼 / 使用百葉窗簾，採光擋熱



香港基督教服務處 企業拓展及研究部經理
唐懿麗 Andy Tong

聖公會基愛長者鄰舍中心編號5的點子別具心思，於窗口安裝遮光布隔熱取代百葉簾，安裝快捷簡單，安裝後不需要人力維持，亦可用作室內佈置，遮光布可因應內外間光度調節使用，減少陽光直射令室內氣溫增高，正!



聖公會基愛長者鄰舍中心
Circle Lo



2021年1月份藍天計劃之最

獲提名節能行動

清潔姐姐幫手拖完地約15分鐘，地板乾後將冷氣較回25度。

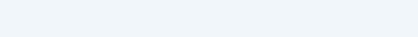


香港遊樂場協會 督導主任 (文化及體藝)
饒奕明 Edmond Yiu

我深信成功環保工作除能夠節省能源，亦可以保持服務質素，甚至提升同事行為態度。中心同事十分細心，透過以上功夫，既可以維持保養設施，確保地面乾爽清潔安全，達到節能目標，亦透過指引，讓同事能合應有的環保行為態度，值得讚賞!



香港基督教服務處
PS33深水埗中心
Michael Chu



2021年4月份藍天計劃之最

獲提名節能行動

張貼有關節約用電的poster於課室班房，並教導課託同學省電的方法。



Blue Sky 創辦人
Christina Tang

小孩和青少年是我們的未來，因此，鼓勵他們參與可持續行動是極重要的。Ray很有創意地把節能行動融入課堂，教導並邀請下一代參與，大家一齊參考Ray的做法，鼓勵身邊的同事和服務使用者加入節能行列，帶回藍天!



香港基督教女青年會
龍翔綜合社會服務處
Ray Leung



2021年2月份藍天計劃之最

獲提名節能行動

離開辦公室前關掉拖板上的獨立電源，順手幫忘記的同事關上。



香港基督教女青年會 總主任 (青年及社區服務) - Nancy Chan

單位節能工作不可能只靠藍天達人，必須全單位同事的一起配合和參與。點子提到將節能成效定期讓全單位同事了解及掌握，讓同事看到一齊努力的成果，增加成功感外，更有助提升同事團隊精神。好like!



香港基督教服務處
學校社會工作服務
Colin Chow



2021年3月份藍天計劃之最

獲提名節能行動

安裝智能拖板/插座，善用倒數及遙控功能，每晚10時自動關機。



香港聖公會福利協會 物業主任
黃建佳 Guy Huang

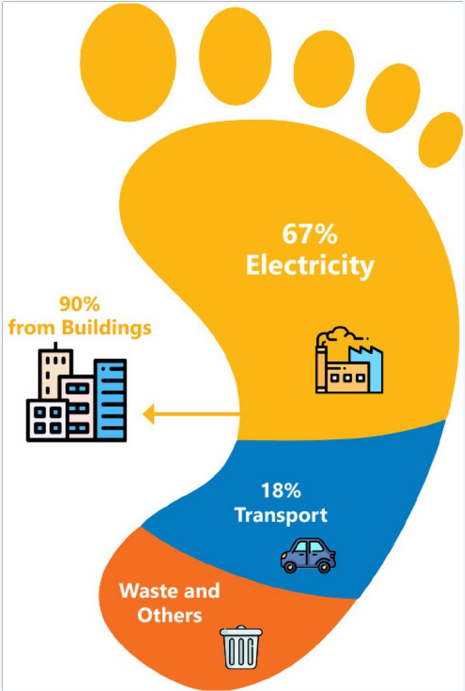
香港遊樂場協會銀禧灣營的點子中，使用智能拖板及插座協助管理用電設備，調教用電時間及隨時遙控開關，與時並進配合新世紀智能化之趨勢，既新潮又節能，直顯型呀!



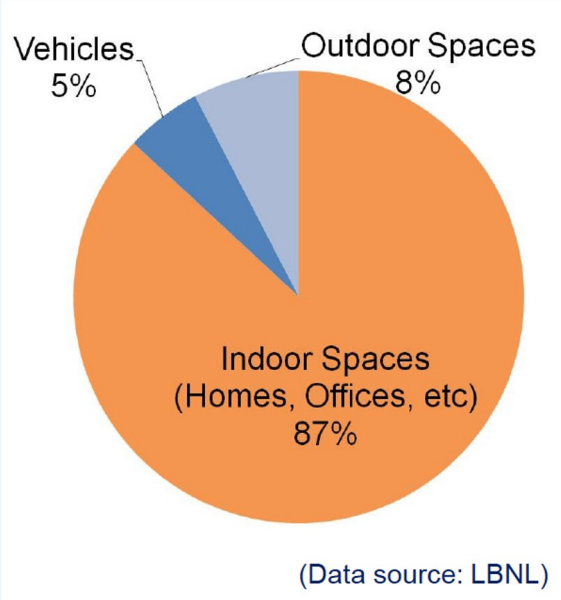
香港遊樂場協會 銀禧灣營
John Pun

Energy x IAQ

Building electricity usage accounts for 60% of HK's carbon emission



People spent ~90% of time inside buildings



Source: HKEPD

Benchmark

Center Overview

BlueSky ENERGY TECHNOLOGY

Service (Reporting Period: 1st May - 30th Jun 2023)

Building Characteristics

Type of ownership: Tenant

No. of floor(s): 2/F & 3/F

Total monitoring area (in sqm): 278 sqm

General operational hours per day: 24 hours

General operational hours per week: 168 hours

No. of smart meter(s) installed: 2

No. of IAQ sensor(s) installed: 1

BlueSky's NGO Category: Care Home - Elderly

Hong Kong

Energy Target and Planning (節能目標及規劃)

Below is the energy consumption plan with monthly targets (Green) which enable you to carry out your energy management activities in the coming months.

Actual Energy Usage VS Bluesky's Baseline & Target

Month	Actual Usage (kWh)	Baseline (kWh)
May	45,505	58,207
Jun	58,679	73,574
Jul	68,770	66,254
Aug	66,254	49,095
Sept	49,095	37,189
Oct	37,189	36,041
Nov	36,041	
Dec		

IAQ Performance Overview (室內空氣質量表現概覽)

Below is the IAQ performance during this reporting period.

IAQ Score: 72.7/100 (Fair)	Temperature: 28.0/40°C (Hot)	Humidity: 63.3/100% (Optimal)	CO2: 440.1/3500 ppm (Healthy)	VOC: 283.3/100000 ppb (Healthy)	PM 2.5: 12.5/150 µg/m3 (Healthy)
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EUI Comparison

BlueSky ENERGY TECHNOLOGY

Children & Youth Services

Monthly EUI (kWh/sqm)

Community & Counselling Services

Care Home - Children

Care Home - Rehabilitation

Workshop

Monthly EUI (kWh/sqm)

Key Success Factors

- 1. Reveal situation
- 2. Track progress

- 1. Discover root cause
- 2. Implement change



- 1. Share knowledge
- 2. Set & communicate target

- 1. Recognize top-down
- 2. Feedback bottom-up

BlueSky Plus U!

Deliver Reliable Visible
Traceable ESG Program

BlueSky
ENERGY TECHNOLOGY

www.blueskyenergy.co