

Al-empowered **Sustainability Platform** for Built Assets

Automate your data extraction and processing from energy bills for your building portfolios



Certified Environmental, Social and Governance Analyst CESGA

Strategic Green Innovation | a venture of



Strateaid

How are you managing GHG data today?

Learning from Customer/Investor Signals:

Data collection and processing, especially adjustment in time frame, is so **time consuming**. We need to automate it.



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Somebody understands what we are doing! Data processing is very **labor-intensive** to undertake in a timely manner without errors.



If AI can extract data to another digital platform such as a carbon calculator, the **potential is great**.



You've made it seem **very simple** even thought we know it's very complex, and we support you!



We need an **automated** way to pull in data from utility bills and use them for carbon calculation.

You are **addressing customer needs** in a space that you are an expert in. Investors will be interested. We will make introductions.



Top 4 Challenges



organizations rely on spreadsheets to **manually** manage carbon data^{*}



Labor-intensive and error-prone manual processing of energy bills



Differing energy **billing periods** require complicated calculations



Dissimilar processing requirements for **billing formats** from **various providers**



Delayed reporting due to time required for data entry and processing

Say Hello to

STRESS-FREE ACCURATE DATA

SQI /eco-prosperity/

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CB Dashboard

Projects 品

We've assigned the most relevant emission factor based on your data. You can review and adjust this value if needed. If no emission factor is assigned, you can add your own custom value.

to Purchase of electricity

		Unit	Emission Factor	Emission Factor Unit	Emission Factor S	
# File Name	Quantity	Unit		kg CO₂e kWh	Palo alto utilities	0
1. PA#101_2024-03.pdf	10	kWh	1.8		Palo alto utilities	0
	84	kWh	1.8	kg CO2e kWh		
2. PA#101_2024-04.pdf	01		10	ka CO2e kWh	Palo alto utilit	es 0

Bookmarked Projects

Palo Alto International Buil...

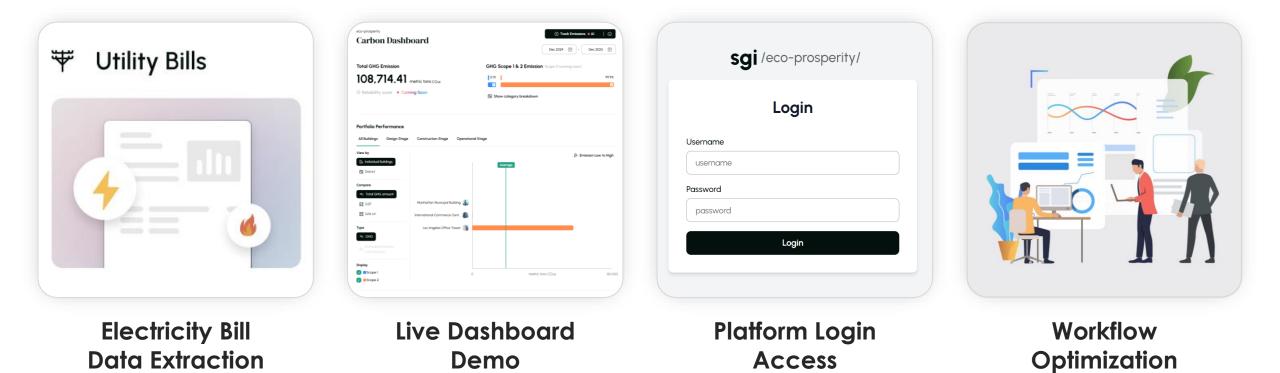
🚹 San Jose Tower

- - - - Centre

Palo Alto International Building / Data Activity / Review Emission Factor

Review Emission Factor

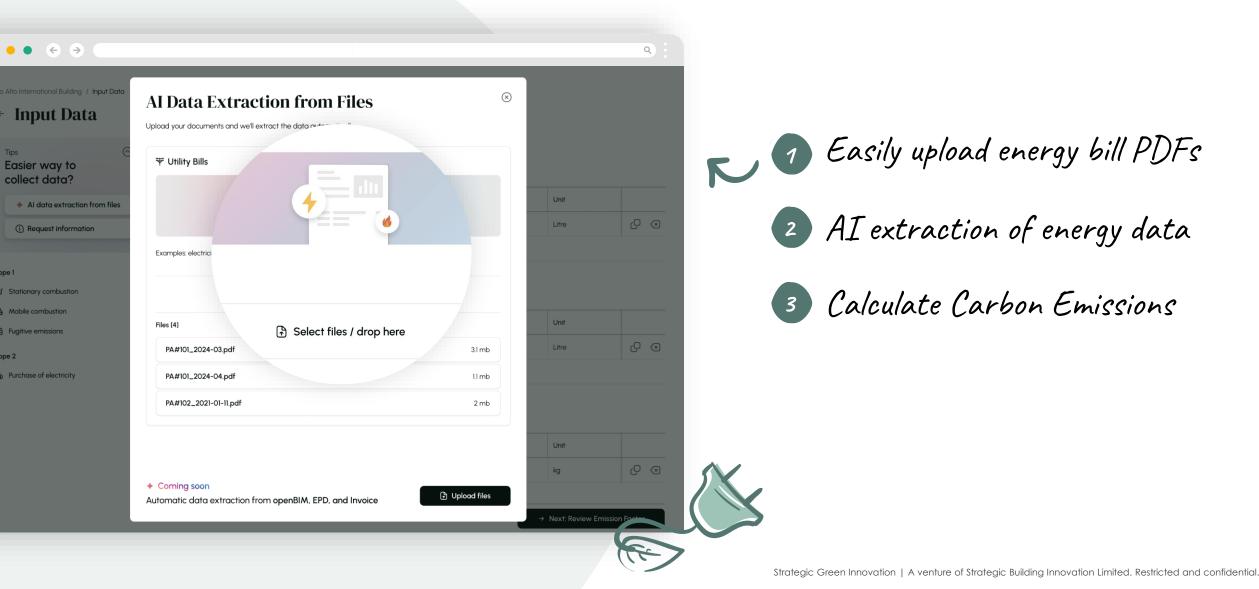
Collaborative Next Steps



Solution: Labor Saving and Easy to Use

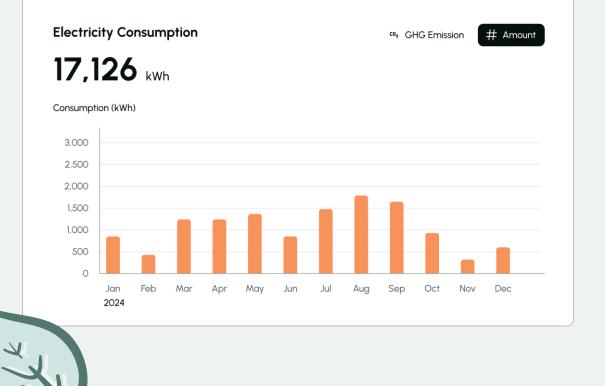
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AI-Empowered Data Extraction from Energy Bills for Carbon Accounting



Unifying dissimilar formats and billing periods

Automatic alignment among differing energy billing periods to produce standard monthly reporting



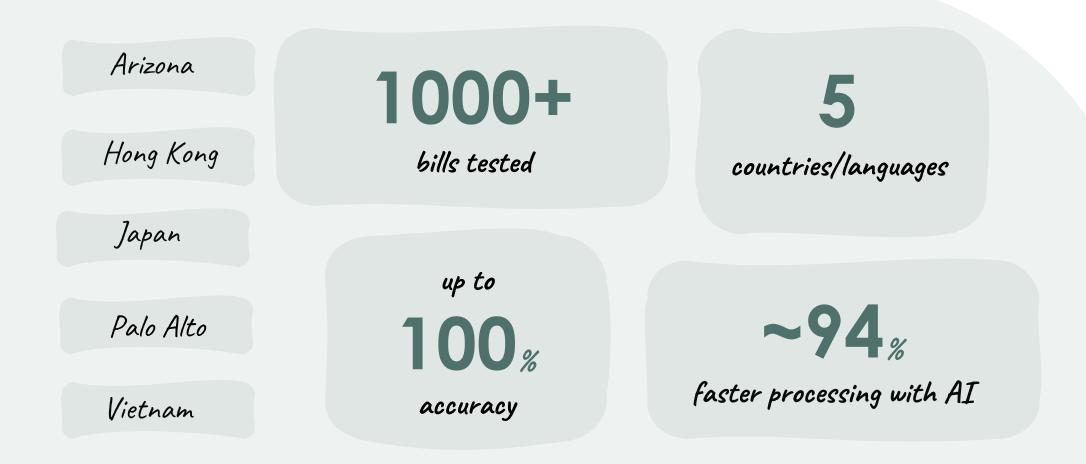
Transparent & clear!

Usage, Cost & GHG Dashboard Display for Buildings / Projects

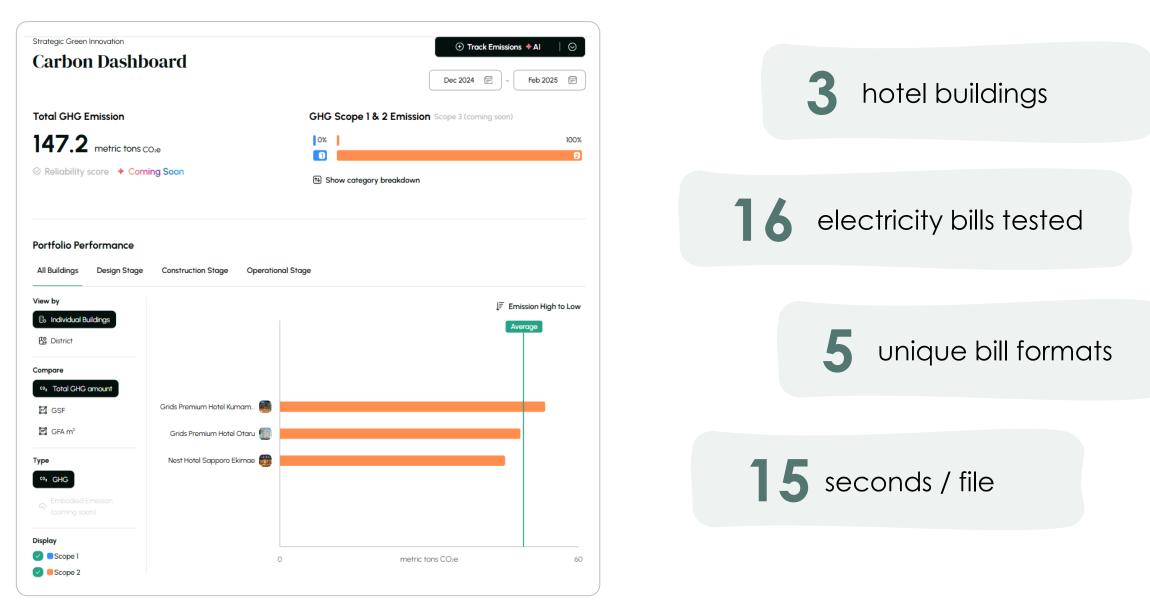
sgi /eco-prosperity/ ଓ Dashboard	All Projects / Los Angeles Office Tower PW (W JL (W (W PW AH WS MP EW JD) Track Emissions Al)
All Projects Bookmarked Projects Los Angeles Office Tower	Overview Emissions Supplies (coming soon) Documents Data Activity Details Jan 2025 - Dec 2025 -
Manhattan Municipal Buil	Total GHG Emission 5.68M metric tons co2e © Reliability score + Coming Soon Image: Coming Soon Image: Coming Soon Image: Coming Soon
	Compare Carbon Emission •• Total GHC amount 5.688 M metric tons CO2e I GSF 5.688 M metric tons CO2e

+ AI

Proven & Growing

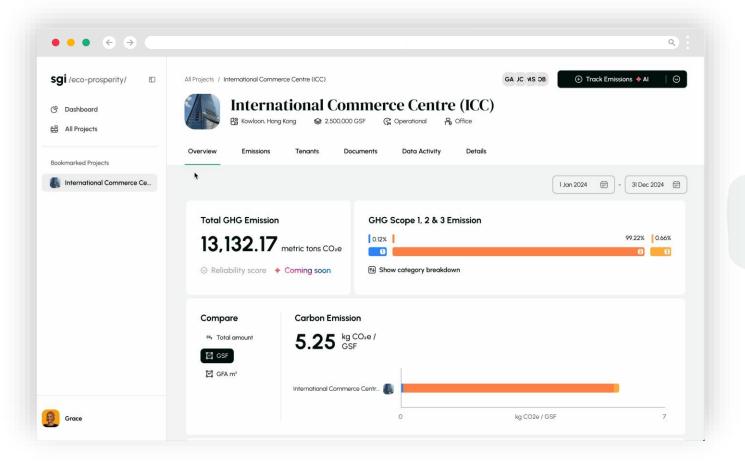


Hotel Buildings in Japan



International Commerce Centre (ICC)

13th Tallest Building in the World





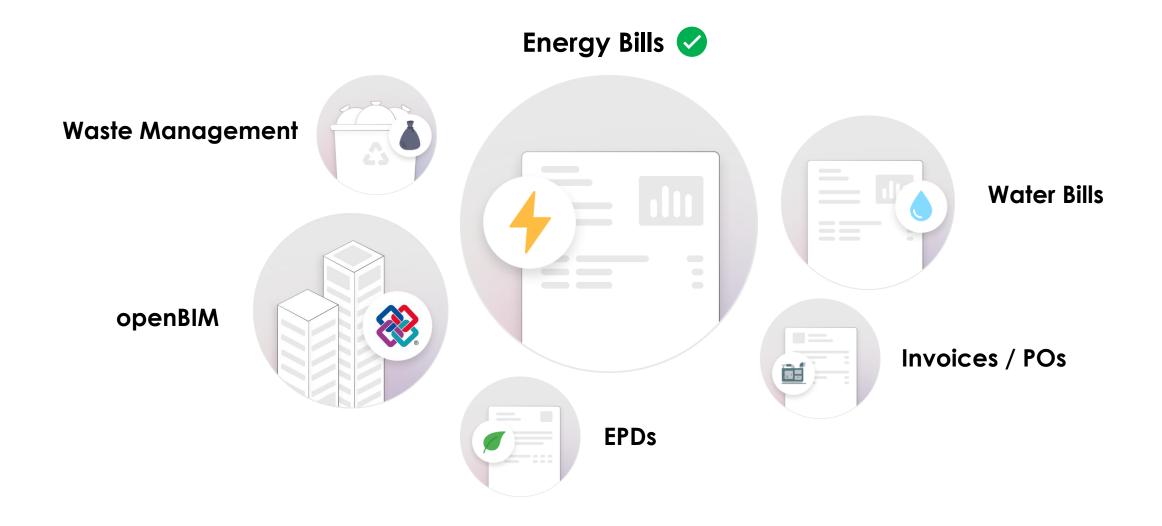
~700 electricity bills tested

20 seconds / file



Growing auto-capture capabilities

to include data from openBIM and additional structured and unstructured sources

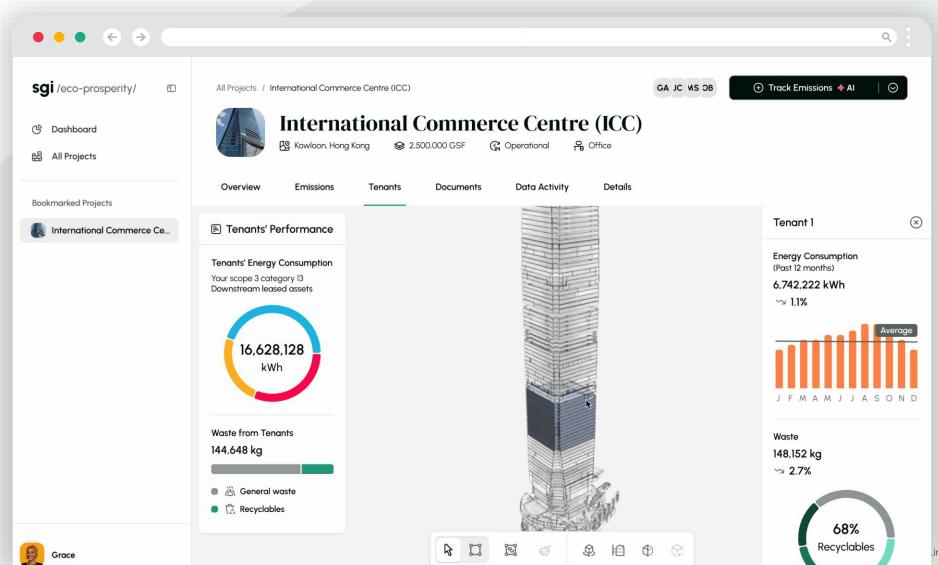


Sustainability Dashboard + AI **Total Waste Compare Latest Month With** # Last 3 Months Average # Last 6 Months Average Energy & Carbon Reduction i 回 Ð ä 999.9 kg **Total Waste** General Waste Paper Plastic 157.4 kg 80.75 kg 3.50 kg 3.55 kg **Electricity Consumption** Change in Energy Usage ~ 47.7% ~ 6.2% S 78.87 ~ 63.38 ∞₂ GHG Emission # Amount ~ 20M kWh 33.41M kWh Data collected via Greenbird Compared with data in 2012 Consumption (kWh) 3,500,000 Water Consumption Sewage ∞₂ GHG Emission # Amount 3,000,000 Carbon Reduction 38.93 tonnes CO2e 47,335.33 kg CO2e 2,500,000 2,000,000 14,000 metric tons C... Carbon emission (kg CO₂e) 1.500.000 Compared with data in 2012 1,000,000 6,000 500,000 5,000 Looking for 4.000 Decarbonisation Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Insight? 3,000 2024 2,000 1,000 SRO Contact SBI to get a detailed roadmap Мау Feb Mar Apr Oct Nov Dec Jan Jun Jul Aug Sep 2024

Endless Possibilities

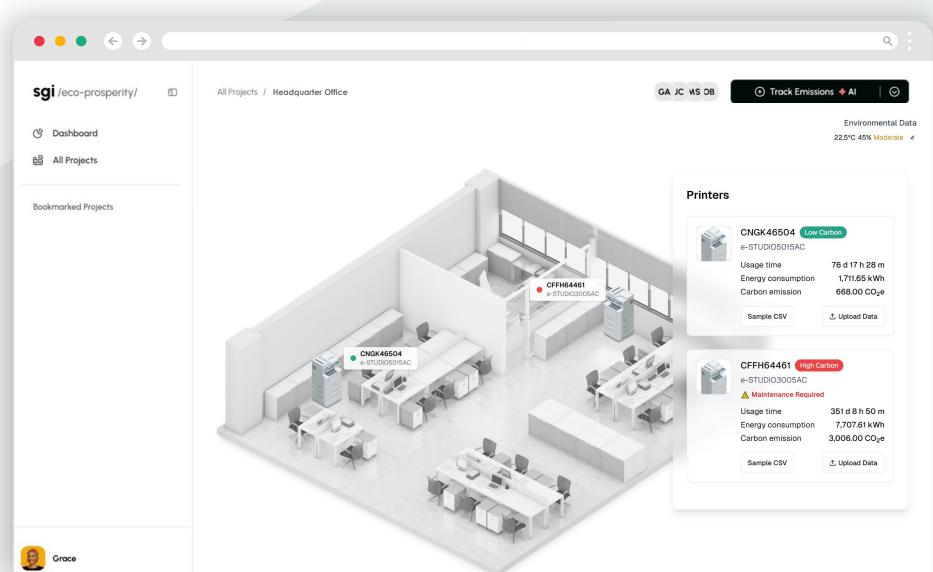
Endless Possibilities

Tenant Utility Consumption with BIM Visualisation + AI

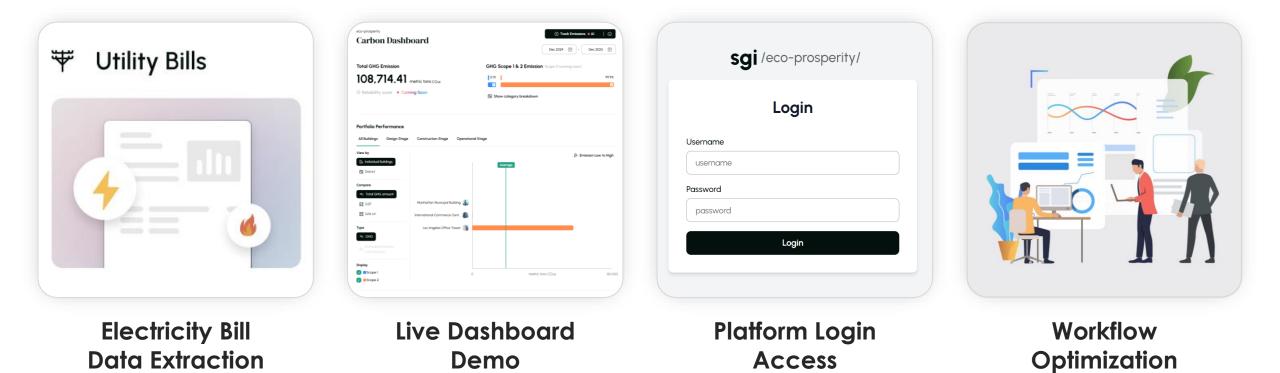


imited. Restricted and confidential.

Endless Possibilities Printer Efficiency + AI



Collaborative Next Steps



Al-empowered Sustainability Platform for Built Assets building for eco

7 faster processing with AI

Reduce potential

Human Errors





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AI-Empowered Data Extraction from openBIM for Carbon Calculation

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sgi ←	Palo Alto International Building	g / Data Activity / Review Data		
୯ ଜ	II II 🚿	Q 10 C	S Undo	⊘ Submit
			> All material types	63,303 m³
R			> Concrete	32,092 m³ (5
			- > C45 32 objects	30,000 m³
4			- > C55	2.092 m³
2.W			32 objects	23,109 m³ (30
			- 🖸 😑 C45	20,000 m³
			32 objects	3.109 m ³
			32 objects	3,107 111
			> Steel	8,102 m³ (14%
			- S235 32 objects	8,000 m ³
			S275 32 objects	102 m³

Automated inference of materials not specified in BIM

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