

Sustainability education powered by the sun

Software to help our partners develop and manage more solar projects on schools, faster.

Solar for Schools supports the UN Sustainable Development Goals

4 QUALITY
EDUCATION



7 AFFORDABLE AND
CLEAN ENERGY



11 SUSTAINABLE CITIES
AND COMMUNITIES



13 CLIMATE
ACTION



Why partner with us?



We have worked with councils, dioceses and trust in multiple countries to develop over 150 solar projects on schools so far.



We have distilled that experience into software tools to make the entire process easier, more transparent and faster for schools and you!



Multiple options to fund and manage solar projects, depending on each schools circumstances and partner's capacity. Do as much or as little as you like.

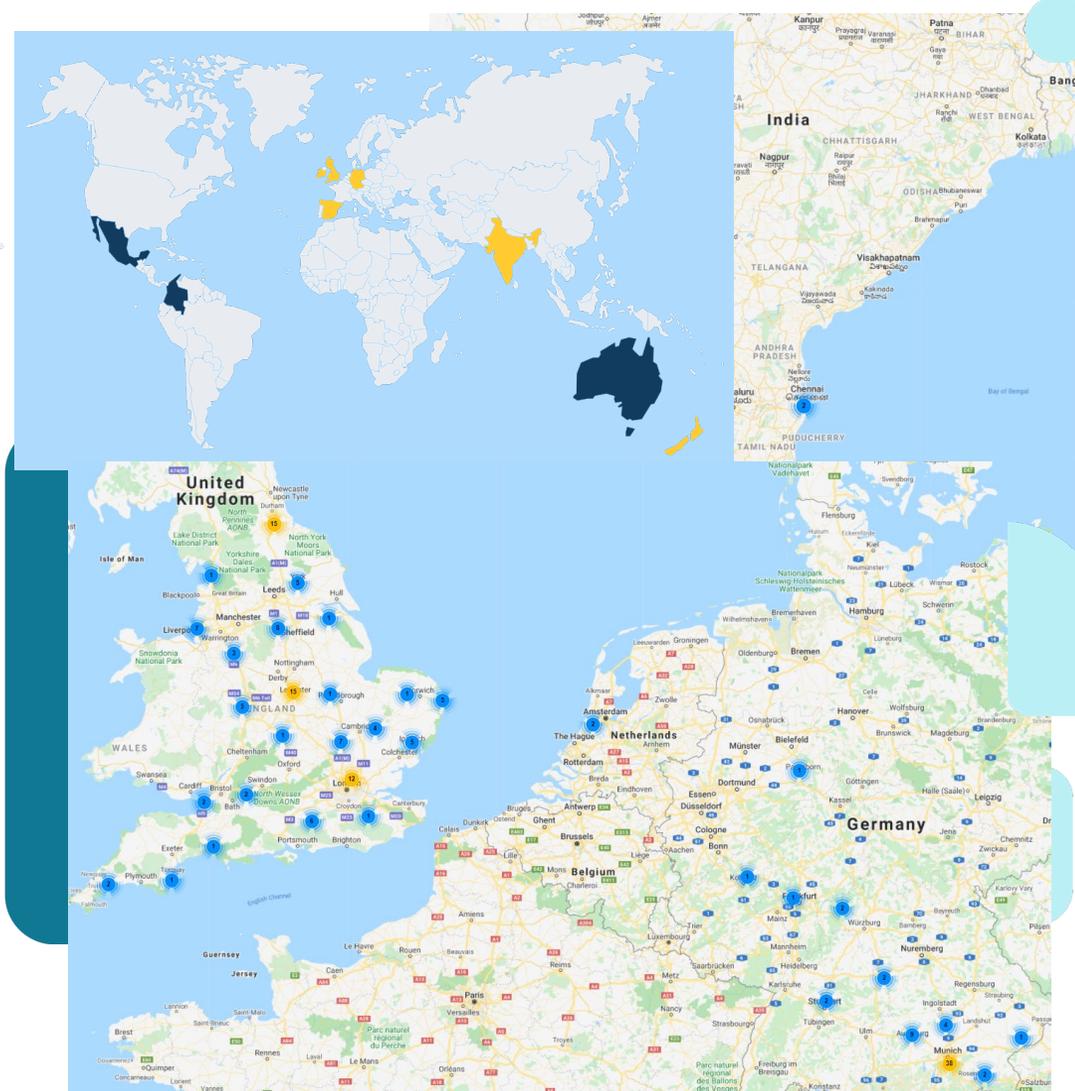


Sustainability education is our driver, we want every school to have solar and every student to learn about sustainability. Help us achieve that!



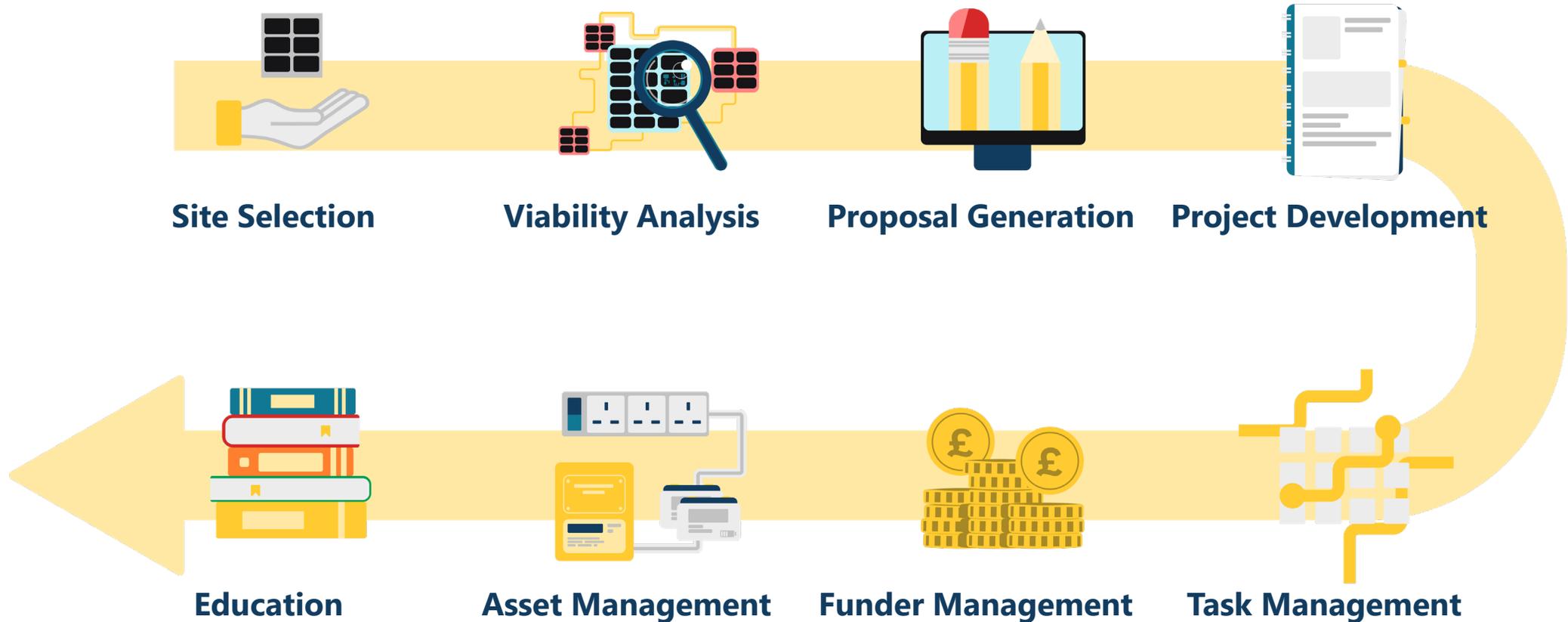
No upfront fees or charges. We develop projects with you and share project development and ongoing management fees with you.

150 systems on schools so far



Overview

End to end solutions for partners



Challenge:

How do you know if a site is worth pursuing before you spend too much time on it?

Solution:

We have a database of every school in the UK (and a growing number of other countries). Using this database, we can automatically estimate their potential based on student number, location and current system and electricity prices.

How it works:

Either search for an individual school by postcode or name to see its solar potential in seconds or select an entire town, council, diocese or trust to see all the schools in it. See their total potential and each school listed in order of its likely solar potential or choose the gallery or map view for a bird's eye view.

Then simply click on a viable looking school to use our simple PV system design tool (panelizer) to review the roof and see how many panels would fit.

In seconds you can find potential, viable projects to pursue further.

The screenshot displays the 'School Name' search interface with a yellow 'Search' button. A large yellow arrow points down to a results table. The table has tabs for 'List', 'Gallery', 'Table', and 'Map'. The 'Table' tab is active, showing a 'Totals' row and a list of schools with their respective metrics.

Consumption	Current Size	Investment	Solar Generation	Savings Y1	Savings 25 years	Avg. Used By School	First Year CO2 Savings		
29,262,654 kWh	4,552.0 kWp	£144,988	3,991,154 kWh	£7,738	£3,294,972	84.84 %	915 t		
Totals									
Ada Lovelace Church of England High School (W5 2JK) 1300 students inspired and 45 t CO2 saved									
System Name	Suggested Size	Consumption	Yield	Solar Price	Investment	Savings Y1	Savings 25 years	Used By School	Annual CO2 reduction
213.0 kWp	213.0 kWp	598,500	922.12	9.60 p/kWh	£0	£6,281	£400,177	78 %	45 t
Alexandra Park School (N11 2AZ) 1700 students inspired and 43 t CO2 saved									
System Name	Suggested Size	Consumption	Yield	Solar Price	Investment	Savings Y1	Savings 25 years	Used By School	Annual CO2 reduction
206.0 kWp	206.0 kWp	583,500	916.84	9.72 p/kWh	£0	£5,860	£378,737	78 %	43 t
Acland Burghley School (NW5 1UJ) 1200 students inspired and 40 t CO2 saved									
System Name	Suggested Size	Consumption	Yield	Solar Price	Investment	Savings Y1	Savings 25 years	Used By School	Annual CO2 reduction
192.0 kWp	192.0 kWp	540,000	919.85	9.65 p/kWh	£0	£5,583	£357,643	78 %	40 t
Abercorn School (NW5 9XP) 900 students inspired and 20 t CO2 saved									
System Name	Suggested Size	Consumption	Yield	Solar Price	Investment	Savings Y1	Savings 25 years	Used By School	Annual CO2 reduction
92.0 kWp	92.0 kWp	272,250	922.47	11.14 p/kWh	£0	£1,786	£146,096	78 %	20 t

The 'Gallery' tab is also shown, displaying a grid of school images with their respective solar potential, investment, and savings. The 'Totals' for the gallery view are: System Size Potential: 4,552.0 kWp; Lifetime cost savings: £3,294,972; First Year CO2 Savings: 915 t.

Viability Analysis

Challenge:

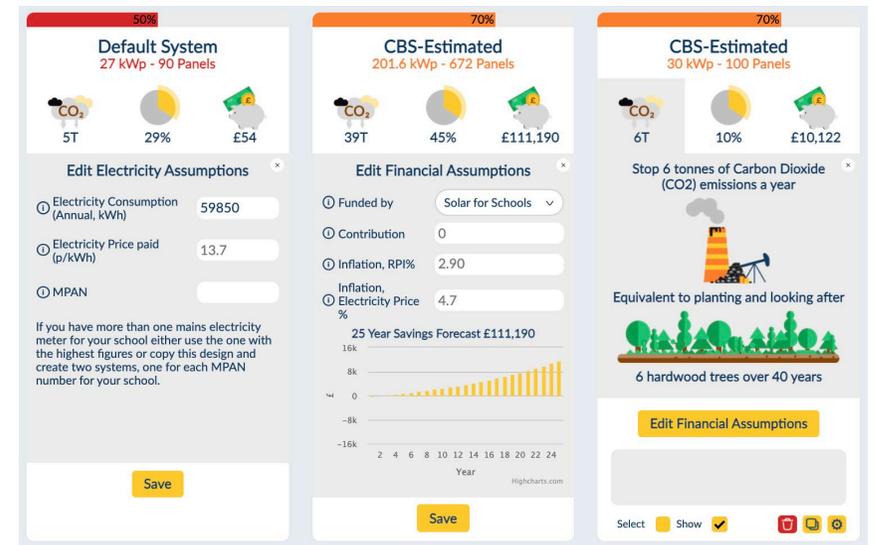
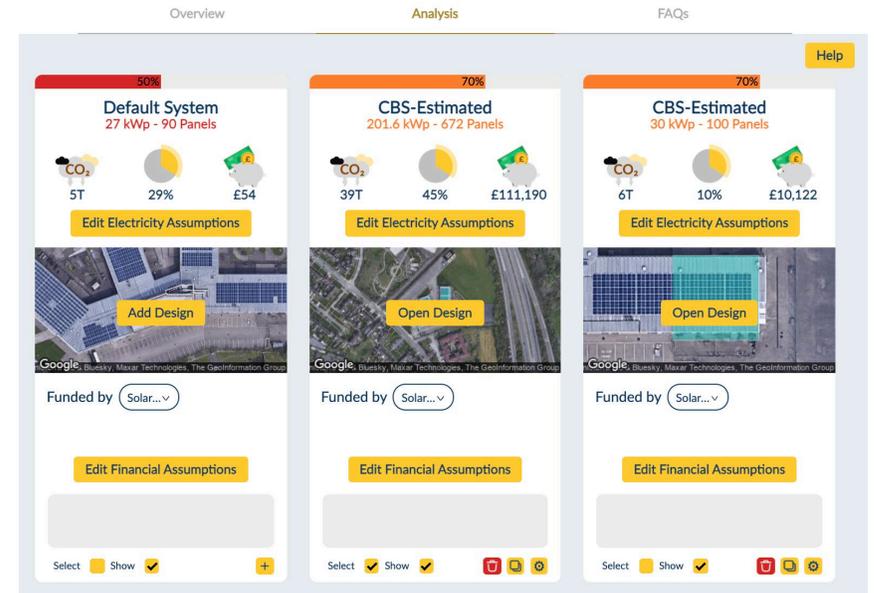
How do you quickly work how much solar will cost and save? What system sizes provide the best short or long-term savings? What is the best size and funding option for this site?

Solution:

We have built a detailed financial model into the website that factors in solar yield based on roof layouts, self consumption based on similar schools and current funding, equipment and installation costs in order to answer the above questions in seconds.

How it works:

Use the Analysis tab for each school to add accurate electricity consumption prices paid (if known) and then compare different funding options and system sizes to see how much of the school's energy would be replaced by solar, how much carbon dioxide it would save and the total forecast saving for the school for each option you are considering. You can create as many options as you like by copying and modifying them, then select the ones you want to share with the school.



Proposal Gen.

Challenge:

How do you share your analysis and work with the schools governing body, head teacher and landlord to persuade them to fight climate change, provide sustainability education to their students at no cost and even save money without spending hours on spreadsheet models and PowerPoint slides?

Solution:

All the required assumptions, charts, roof layouts and options you have considered can be exported as a PowerPoint presentation ready for you to customize and adapt for your perfect pitch.

How it works:

Simply select the options you wish to include in either of your individual school report or overview report to a council, diocese or trust and then generate the report in PowerPoint, top and tail or adapt as needed and save as PDF that you can send them.

We can even save your own templates to include your logo, contact details and additional slides.

Solar Analysis

Oxford



- Inspire 356,000 students in 103 schools
- Generates 945,124kWh of clean energy every year with 9,012 kWp
- Avoid 75t of CO₂ per year
- Saves £451,561 over the next 25 years

Investment £900,000



Solar Analysis

Oxford



- Dragon School**
Bardwell Rd, Oxford OX2 6SX, UK
- Inspire 1,240 students
 - Generates 95,104kWh of clean energy every year from 85 kWp
 - Avoid 19t of CO₂ per year
 - Saves £79,041 over the next 25 years

Comments

Good roof access!

Investment £40,000



Challenge:

How do you keep track of the project progress, details, and all aspects of development?

Solution:

All the tools and data you need to monitor and manage your solar project are packaged into one project management tool, where you can quickly check status, update details, and more.

How it works:

Simply log into the project management portal and select your system, or systems. From there you can see all the key info and manage all your projects from one convenient central location.

Project Name	Workflow	Project Manager	Schools	Region	Action
EWE Vertrieb2	Analyse	Robert Schrimpf, Akshay Oliver, Mike, Martin Augustin, Martin Augustin	Graf-Anton-Günther-Schule Gymnasium,Grundschule Langwedel,Gymnasium Westerstede Europaschule,Mariengymnasium Jever	Germany	[Menu] [Edit] [Trash]
ARK	Analyse	Robert Schrimpf	Abbey Park School,Alderman White School,Ark Acton Academy,Ark All Saints Academy,Ark Ayrton Primary Academy,Ark Bentworth Primary Academy,Ark Blacklands Primary Academy,Ark Bolingbroke Academy,Ark Boulton Academy,Ark Brunel Primary Academy,Ark Byron ...	UK	[Menu] [Edit] [Trash]
Andy Nichol (Reading / Oxford Schools)	Analyse	Shannon Jackson	Dean Field Community Primary School,Kennet School,Little Heath School,Maiden Erlegh School,Park House School,St Bartholomew,St Gabriel,The Downs School	UK	[Menu] [Edit] [Trash]
Bad Nauheim, 61231	Analyse	Martin Augustin, Sina Hesse, Matthias Schwarz	Berufliche Schulen am Gradlerwerk,Ernst-Ludwig-Schule,Evangelische Kindertagesstätte An der Christuskirche,Evangelischer Kindergarten an der Wilhelmikirche,Evangelischer Kindergarten Lee Boulevard,Frauenwaldschule Nieder-Mörlen,Freie Waldorfschule We...	Germany	[Menu] [Edit] [Trash]



Challenge:

How do you monitor outstanding tasks and delegate responsibility appropriately to everyone involved in a solar panel project?

Solution:

The task management software helps you to organize and keep track of different tasks throughout a project.

How it works:

Simply search for and add tasks to your project, sorting by type, project, and completion. Every person involved in the project has a clear understanding of their responsibilities thanks to this software.



Project School

Task Status All Active Done Owner All Me

admin / tasks

Workflow [Add Task](#)

Task Name	Predecessor	Workflow	Inputs	Action
System commissioned	Installation supervising	TEST-Develop		
Structural survey scheduled	Structural survey documentation sent	TEST-Develop		
Structural survey documentation sent	Legals signed	TEST-Develop		
Structural documentation received and OK	Structural survey scheduled	TEST-Develop		
Structural Survey site visit	Structural survey scheduled	TEST-Develop		
Signoff Decision		Sales		
Shortlist Decision	Send analysis / shortlist	Analyse	Customer Contact , Analysis Report	
Send analysis / shortlist		Analyse	Analysis Report , Customer Contact	
Quarterly Billing		Operate		
Pre-installation visit scheduled	Final design	TEST-Develop		
Planning permission received and OK	Planning documentation prepared and sent	TEST-Develop		
Planning documentation prepared and sent	Legals signed	TEST-Develop		
Legals signed		TEST-Develop		

Funders

Challenge:

Keeping bondholders and shareholders up to date with communications regarding their investment can seem an endless task, taking up significantly time on a recurring basis.

Solution:

Our funder management software puts all the details directly in the funder's hands and allows them to keep track of their own investment, while allowing you to manage all the paperwork easily.

How it works:

Simply direct investors to the bondholder portal, where they can log in to see their account information, payment preferences, repayment options, payment history, bond or share certificates, interest statements and more.

The system generates and sends out new bond certificates, personalised interest payment notifications and interest statements to all bond holders at the click of a button.

Export bank transfer details that you can import into your bank to make interest payments easily.

The image shows two screenshots of the Solar for Schools software interface. The top screenshot is the 'Solar for Schools Bond Holder Form', which includes sections for Personal Information, Bank Account Details, Cheque Postal Address, Bonds Information, Received and Upcoming Payments, and Preferences for Repayment/ Further Investing. The bottom screenshot is the 'Funder / Certificates' management page, which features a sidebar menu with options like Blogs, Faqs, Seo, Skills, Schools, Project Management, Funder Management (highlighted), Bond Holders, Bond Offers, Bonds, Transactions, Certificates, and One Sky Sync. The main content area includes filters for Bond Offers (All, Type, ISA/Non ISA), Certificate Number (input field), Payment Preferences (All, Bond Holder Email), and Status (All, Open, Closed, Deleted). Below these filters is a table of certificates with columns for Cert Number, Name, and Action.

Cert Number	Name	Action
760	Certificate No - 760.pdf	Certificate No - 760.pdf
759	Certificate No - 759.pdf	Certificate No - 759.pdf
758	Certificate No - 758.pdf	Certificate No - 758.pdf
757	Certificate No - 757.pdf	Certificate No - 757.pdf
756	Certificate No - 756.pdf	Certificate No - 756.pdf
755	Certificate No - 755.pdf	Certificate No - 755.pdf
754	Certificate No - 754.pdf	Certificate No - 754.pdf
753	Certificate No - 753.pdf	Certificate No - 753.pdf

Assets

Challenge:

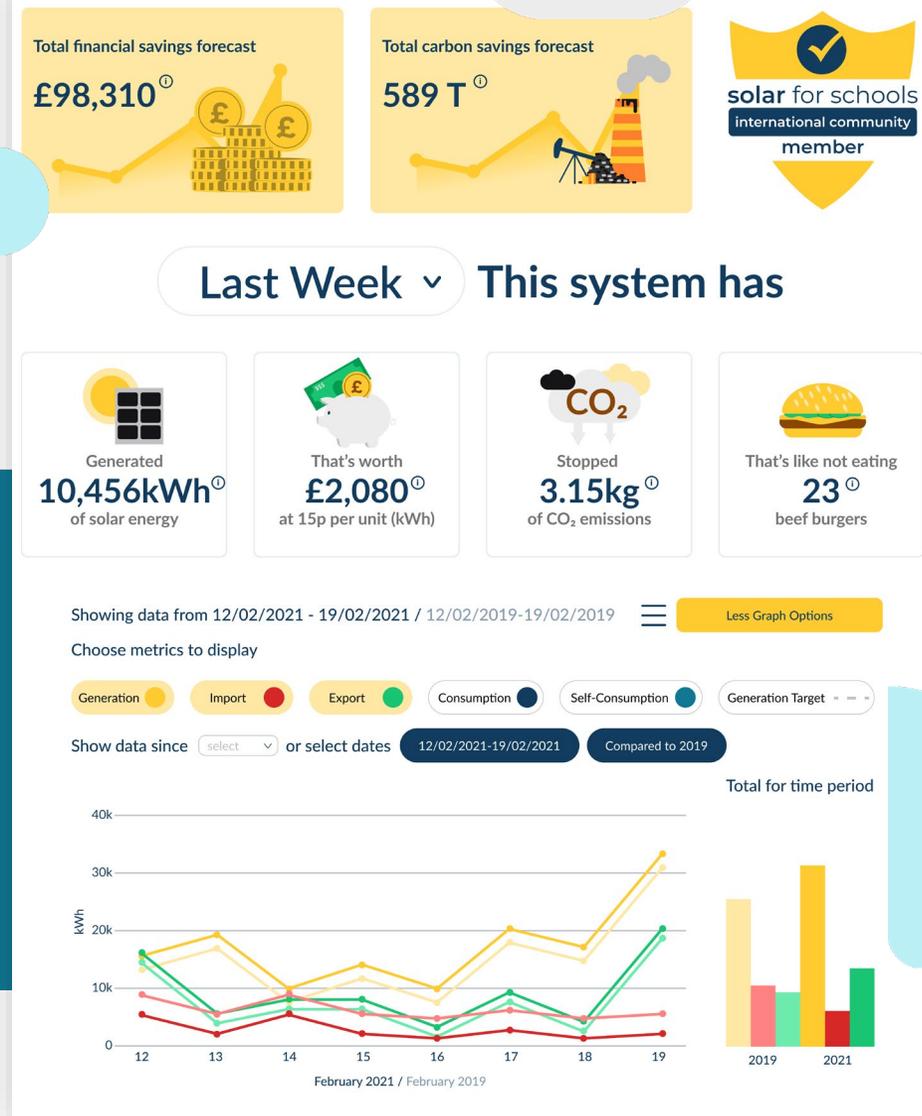
How do you conveniently provide live data from a running solar panel system, and ensure a system is always running smoothly?

Solution:

Our asset management software monitors the PV system remotely making sure it is always running efficiently.

How it works:

It works by monitoring live data from site meters, along with tracking other metrics such as generation, consumption, import and export to track system status. You can even export the live dynamic graphs yourself directly from the live page of the system!



Education

Challenge:

How do we deliver remote and onsite education to teach students about their PV systems?

Solution:

Our education programme provides online and onsite resources for students to learn about the PV system, renewables, sustainability and climate change.

How it works:

Make use of our workshops, class visits, online teaching tools, video library and mobile app to provide a unique and varied approach to sustainability education for classes.



Challenge:

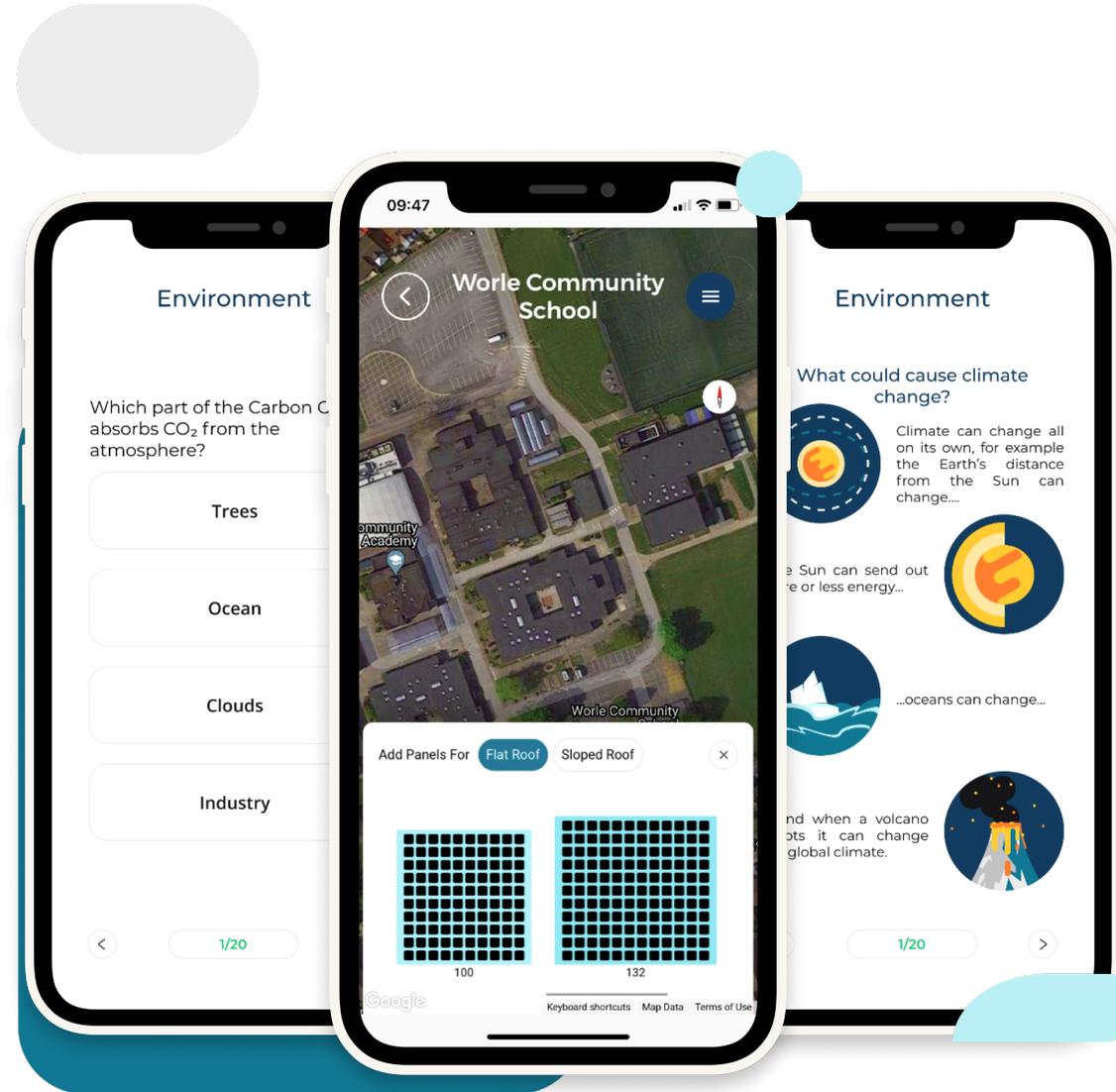
How do we keep students of all ages engaged in lessons on sustainability, climate change and more?

Solution:

The Solar for Schools app teaches students about topics in energy, electricity, efficiency, the environment and solar power, as well as allowing students to design and share their own solar panel system for their school.

How it works:

By using a range of learning content, from illustrations, animations, videos, quizzes, and more, the app engages students with a wide variety of content ensuring engagement throughout sessions.



Invoicing

Challenge:

Invoicing each school each quarter for the electricity they used from the solar panels can be very time consuming and tedious work. And how do you show them their savings, consumption and carbon impact too?

Solution:

Using the remote monitoring equipment connected to the generation and import meters, means it can all be automated. We can even show the school how much they have saved compared to their mains electricity.

How it works:

Metering data is collected automatically and stored in the database. When invoices need to be issued, the meter data is used to automatically calculate the invoice amounts, generate invoices and put them in your draft emails folder ready for you to send. Or send them all automatically based on the information stored in the system for each site you look after.

FIT or export reports can also be generated and provided to your preferred utility.

Invoice

Solar for Schools CBS Ltd
146 King's Road
Bury St Edmunds
IP33 3DJ
United Kingdom



Bill to:
Name
Address 1
Address 2
Postcode
Country

Invoice #
SFS_CBS_21.00-00
Date
DD/MM/YYYY
Due Date
DD/MM/YYYY

Energy supplied from photovoltaic (PV) system(s) for period
18/12/2020 - 16/03/2021

Supply Site: Address 1 Customer: SS0000
Postcode
County

MPAN: 13 0000 0000 000 Invoice: SFS_CBS_21.00-00

You've saved
£9999
with us so far!*

*in electricity costs compared to the mains equivalent price

Dear Name,
Please find below your invoice for the energy we have supplied to you from DD/MM/YYYY - DD/MM/YYYY.

	Net Amount	VAT (20%)	Gross Amount
Invoice	1	£000	£000
Total	1	£000	£000
Total to Pay			£0,000.00

Payable by bank transfer to Tridos Bank

Account Holder Solar for Schools CBS Ltd
Account Number 00000000
Sort Code 00-00-00

Yours sincerely,
Robert Schrimppff, Director
for and on behalf of Solar for Schools CBS Ltd

Find out more
+44 1284 530020
info@solarforschools.co.uk
www.solarforschools.co.uk

Company Number
7364
VAT ID
250286714



Save the Trees!
Please don't print this invoice if you don't have to.

1 of 3



Partners

Together we can help more schools!

Sustainability Education Provider

SEED

GREEN SCHOOLS PROJECT

NAEF

LESS
Low Energy Sustainable Schools

Energy Sparks

DGU

NILS ISFH

29++
Klima, Energie, Initiative.

Solar Developers & Installers

kiWa
ENERGIA

disolar
SOLAR ENERGY

SPECTRUM
SOLAR ENERGY

solera
SOLAR DIVERSIFIED.

Community Energy Groups

Community
Energy
England

EGF
Energie
Genossenschaft
Fünfseenland eG

RESCOOP.EU

Electricity Companies

OPUS
energy
Part of Oran Group

good energy

octopus energy

e.on

ESB

Councils, dioceses & gov. depts.

UNRWA
الأونروا

GOVERNMENT OF TAMIL NADU
TRUTH ALONE TRIUMPHS

Durham
County Council

Landeshauptstadt
München

ERZDIÖZESE MÜNCHEN
UND FREISING

Leeds
CITY COUNCIL

Department
for Education

Contact Us

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