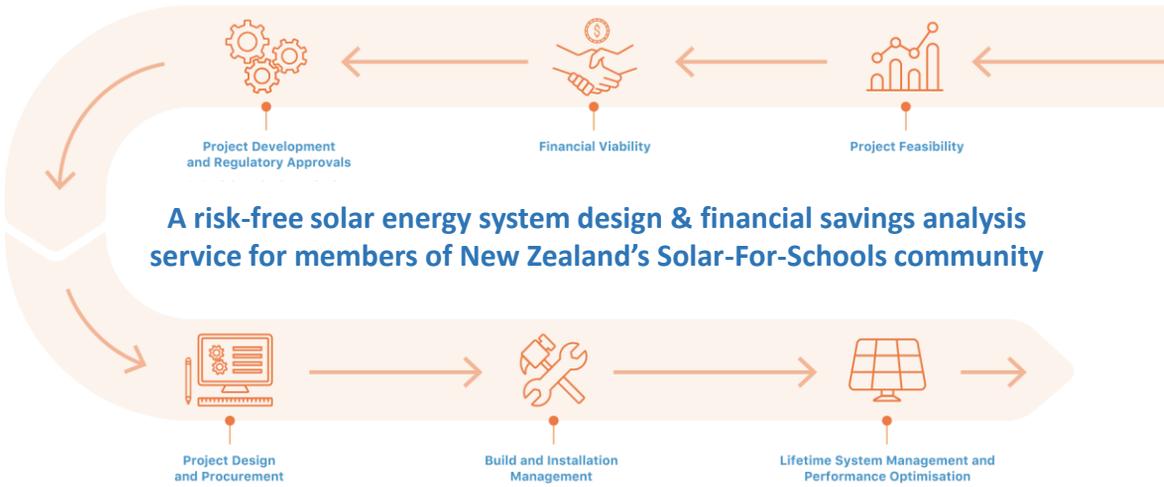


Bring solar energy and education for sustainability within reach of your school today

A step-by-step guide for schools



Powered by



-  **Free feasibility analysis:** Together we work with each school to identify any show-stoppers, such as pending roof replacements or new property works. Then we look for any planned energy efficiency or emission reduction works that would impact the solar energy project, eg LED lighting or heating upgrades that change your annual electricity usage profile, and finally we request a year's worth of your electricity consumption data.
-  **Free funding analysis:** With all the above initial information in front of our solar experts an analysis of your school's energy profile completes a feasibility report which recommends the optimal size for your solar system, along with the potential savings to be made by the school based on different funding options. Typically at this stage a school can be confident their questions are answered sufficiently to decide if solar is right for the school.
-  **Free project development:** Once a decision to proceed is made our site-survey experts will visit your school to assess roof suitability and electricity infrastructure. With guidance from the school we will explore and present the various funding options available, this may include self-funded, grants or, Power Purchase Agreements funded by local or international finance institutions in accordance with the school's requirements. We will then begin engaging with the school's Property Advisor and apply for the relevant regulatory permits for the project.
-  **We engage suppliers:** Once the final solar energy system design and funding has been approved by the school we will use our extensive international experience to obtain formal quotes from solar equipment vendors and local installers in order to enter into supply contracts that reflect our exacting quality standards. We coordinate with the school all site visits and continue to liaise with the school's Property Advisor during this entire period.
-  **We manage installation:** We take responsibility for all site permits, equipment deliveries and installation service contacts taking into account the unique requirements of project trade works on school sites, this includes adhering to water tightness and electrical standards, plus safely working from height. We also set a schedule that results in minimal disruption to the school's day-to-day operations, and the final system commissioning approval is only given once an independent qualified inspector has thoroughly renewed the site.
-  **Online monitoring system:** On handover to the school a complete induction course is provided to the school, including instructions for not only the system's operation, but also on how to use the extensive solar monitoring dashboard we provide for free and how a school may have access to the system performance graphs to show on the school's website to demonstrate its progress to meeting cost savings and carbon emission reductions.



Solar for Schools NZ is sponsored by Engynious NZ which is a part of the international solar energy professional design services group.

As a Not-for-profit in the United Kingdom, and now in five more countries, Solar For Schools' goal is to have 250,000 students engaged in sustainability learning within two years.



As a Design and Project Services company, Engynious procures solar energy funding while helping schools choose their own vendors



Engynious is a foundation sponsor of the Internationally Recognised Solar-for-Schools Community

Our	who are saving	and inspiring
216	7,176 t	95,603
schools worldwide	of CO2	students



With membership to this community New Zealand schools can gain access to an international Solar-for-School Programme established to make solar energy and education for sustainability within reach of all schools today.



-  Community for Curriculum Enrichment
-  Community for Publishing Lessons-Learnt
-  Community for Solar Project Financing
-  Community for Solar Project Procurement
-  Community for Project Delivery Best Practice

“To host the Solar-for-Schools Community for New Zealand schools was an obvious choice for Engynious given the sheer scale of transformation ahead to clean solar energy & energy efficiency that is best faced by schools together and for students having accessible climate change education that brings learning to life”

New Zealand Solar-for-Schools Community

The New Zealand branch of the international community is in the process of being established and once operating it will act for the benefit of its school membership as an independent vendor-neutral organisation, meaning it works for schools to share lessons-learned as they adopt education for sustainability into their curriculum and to ensure their funded solar energy projects are competitively priced with minimum fuss that results in an optimum performance outcome.

Modelled on the UK Solar-for-Schools Community Benefit Society it will be established as a charitable trust governed by schools and respected leaders. Supported by Engynious NZ who is to provide a senior expert with extensive experience in running a large technology transformation centre of excellence.

Some of the activities membership of the community will benefit from include:

- ❖ A transformation centre of excellence run by schools independent of vendors
- ❖ Access to international award-winning climate change & energy education
- ❖ Shared teacher support to integrate the Student App into school curriculums
- ❖ Free analysis of energy consumption after moving to LED lighting or HVAC
- ❖ Free expert design services so a school can know costs & saving from solar
- ❖ Regular news publication sharing lessons learnt across the membership base
- ❖ Seek sponsorship to support learning development & solar energy projects



A Network Governed by Schools, Serving Schools & Students

Students can make sense of the climate emergency today

Sustainability Education & Solar Energy Design Tools For Students In The Solar-For-Schools Community

- ✓ Students have access to a learning App written by experts in their terms covering Energy; Electricity; Environment; Efficiency
- ✓ Students get to design an active solar energy system for their school bringing to life the savings made in carbon emissions
- ✓ Students get to use learning tools designed for international school use that will be further developed by the NZ community

Schools can bring sustainability education & solar energy within reach

Climate Change & Solar Energy Development Support Programme For Principals In The Solar-For-Schools Community

- ✓ Principals have access to the Solar-for-Schools education for sustainability programme that is modelled off the UK version
- ✓ Principals can have their school validated for funding of a solar energy project using a free design and financial analysis service
- ✓ Principals are supported by international experts and teaching resources that will be further developed by the NZ community

Join The New Zealand Solar-for-Schools Community



A community of schools networking to address the climate emergency & transformation to clean energy

- ✓ Members will have access to the full New Zealand Solar-for-Schools programme that has been modelled off the UK version
- ✓ Members will share the ongoing development of the education for sustainability teaching resources to meet curriculum needs
- ✓ Members will share solar energy project experience and vendor engagement to reduce costs of the solar energy transformation
- ✓ As an independent, vendor neutral charitable trust the role of community will attract sponsorship funds to assist it's purpose

