

Each kWh of Électricité Vitale Vert purchased boosts the Électricité Vitale Vert Fund. To date, CHF 15 million have been raised for the Fund, supporting over 200 concrete projects.

Examples of projects currently supported



222 ponds: private gardens providing a safe haven for amphibians

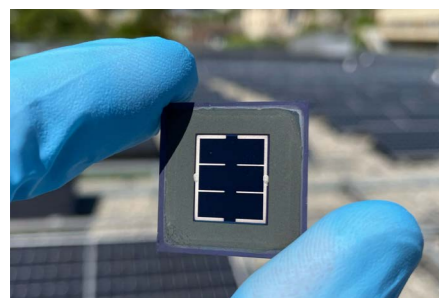


Amphibians (frogs, toads and newts) are seriously affected by habitat destruction. Of the 20 species living in Switzerland, 14 currently feature on the red list of endangered species! In order to encourage the local amphibian population to thrive, the Genevan branch of KARCH (the Swiss coordination centre for the study and protection of amphibians and reptiles) is giving private individuals a helping hand to create small ponds in their gardens.



A study examining plastic pollution in Lake Geneva

Be they macroplastics or microplastics of primary or secondary origin, it is estimated that a total of 50 tons of plastic end up in Lake Geneva each year. In order to gain a better grasp of where that plastic comes from and get the situation under control, the Électricité Vitale Vert Fund is supporting the “Pla’stock” study, launched by the Association for the Protection of Lake Geneva (ASL - Association pour la Sauvegarde du Léman).



High-efficiency solar panels



Using PV solar panels to generate local renewable electricity is absolutely vital if we are to curb CO2 emissions and secure the country’s energy independence. Simply increasing the number of solar panels isn’t enough, however - we also need to improve their performance. The Fund is consequently supporting two projects that focus on improving the efficiency of PV cells.

See the **step-by-step progress** of all these projects and many more on our dedicated web page: www.sig-ge.ch/fonds-evv



Electricity supplied by SIG in 2022

Composition and geographical origin of the electricity, in accordance with the Federal Energy Ordinance (OEne).

100%
of electricity supplied by SIG is of renewable origin



0%
fossil fuel and nuclear energy

Electricity declaration

The power generated in Switzerland shown in this table includes power generated in Geneva.

Your electricity supplier: **SIG (Services Industriels de Genève)**
Contact: **0844 800 808 / www.sig-ge.ch**
Reference year: **2022**

Electricity supplied was generated from:	Total	EU	Switzerland	including Geneva
Renewable energy	100%	19.2%	80.8%	25.2%
Hydropower	90.5%	19.2%	71.3%	22.1%
Other renewable energies	3.4%	0.0%	3.4%	3.1%
Solar energy	1.9%	0.0%	1.9%	1.6%
Biomass	0.0%	0.0%	0.0%	0.0%
Waste (renewable part)	1.5%	0.0%	1.5%	1.5%
Current generated by virtue of incentive measures ¹	6.1%	0.0%	6.1%	0.0%
Non-renewable energy	0.0%	0.0%	0.0%	0.0%
Nuclear energy	0.0%	0.0%	0.0%	0.0%
Fossil fuels	0.0%	0.0%	0.0%	0.0%
Total	100.0%	19.2%	80.8%	25.2%

¹ Current generated by virtue of incentive measures: 47.1% hydropower, 20% solar energy, 3.6% wind energy, 22.4% biomass, 6.9% renewable urban waste and 0% geothermal energy.

The number of Guarantees of Origin issued and purchased by SIG is equal to the quantity of electricity you use. The Guarantee of Origin certifies that electricity has been generated from the chosen renewable energy source and injected into the electricity grid. For Électricité Vitale Vert, for example, SIG issues Guarantees of Origin for hydraulic and solar power, or purchases them from local solar power producers.

Origin and composition of Vitale Vert and Vitale Bleu



100% local

89.5% ecological hydropower

10.5% solar



In 2022, as a result of inclement weather conditions, hydropower production in Switzerland and Geneva was insufficient to fully cover customers’ energy use with Vitale Bleu Electricity. SIG consequently supplemented its supply with 100% renewable Guarantee of Origin-certified power from European hydropower plants.





Choisir, c'est agir.



My contribution to the development of greener, more local electricity.

The Électricité Vitale range was updated in 2023 with a view to stepping-up the development of local renewable energy and making the canton more energy independent.

The former "Électricité Vitale Bleu" offer has now been replaced by a new benchmark offer, "10% Vitale Vert". Geneva's entire population is consequently now part of the Vitale Vert community!

Benchmark product

10% Vitale Vert	20% Vitale Vert	40% Vitale Vert	100% Vitale Vert
<ul style="list-style-type: none"> Up to 10% Vitale Vert Local environmentally friendly solar power and hydropower 90% Swiss hydropower 	<ul style="list-style-type: none"> 20% Vitale Vert Local environmentally friendly solar power and hydropower 80% Swiss hydropower 	<ul style="list-style-type: none"> 40% Vitale Vert Local environmentally friendly solar power and hydropower 60% Swiss hydropower 	<ul style="list-style-type: none"> 100% Vitale Vert Local environmentally friendly solar power and hydropower
<ul style="list-style-type: none"> Fund supporting local environmental projects 	<ul style="list-style-type: none"> Fund supporting local environmental projects 	<ul style="list-style-type: none"> Fund supporting local environmental projects 	<ul style="list-style-type: none"> Fund supporting local environmental projects

Electricité Vitale Vert comes from locally generated solar power and green hydropower in compliance with the stringent environmental standards imposed by the Swiss 'naturemade star' eco-label. The surplus of electricity is generated by Swiss hydropower plants.



Make your choice here: www.sig-vitale.ch



Find out more about your electricity supply



How does Switzerland's electricity grid operate?



What elements determine the price of my electricity?



Where and how is Électricité Vitale Vert produced?



What can I do to help support the more widespread use of solar power in Geneva?



How does Vitale Vert foster Geneva's energy independence?

Find answers to all these questions in our informative videos: bit.ly/votre-electricite



A pledge from the pros!

Alongside the 70,000 Genevans who have opted for 20%, 40% or 100% Vitale Vert, numerous businesses have joined the Vitale Vert community, too. One such firm is the Pâtisserie Mage, a family-run business that has been based in Geneva for over 70 years and that has opted for 100% Vitale Vert in order to use the greenest and most local energy possible.

For more information: <https://bit.ly/sig-mage>

