

Support Programme for Climate-friendly Greenhouse Heating in Switzerland



Cultivation of basil in the Ernst Meier AG greenhouse operation in Tann ZH. Photo: Andrea Wismer

This carbon offset programme promotes switching from greenhouse heating with fossil fuels to heat generation with renewable resources. The goal of the funding programme is sustainable plant production through the reduction of carbon emissions due to the greenhouse heating. Greenhouse operations in Switzerland can avail themselves of the programme if a conversion takes place by 2027.

Many industrial greenhouses in Switzerland extend their growing season by heating with fossil fuels, such as natural gas, heating fuel or propane. This carbon-offset programme promotes the replacement of environmentally harmful fuels with **wood, heat pumps**, or by connecting these technologies to a **combined heating system**. Through the financial support of greenhouse operations, the programme seeks to lower the high investment threshold for renewable heating systems. By reducing the use of fossil fuels, the greenhouse gas emissions of Swiss greenhouses caused by heating will be lowered. The carbon-offset programme is managed by the Foundation myclimate and DM Energieberatung AG. It is being implemented thanks to grants from Foundation KliK.

Consulting services and funding

Accredited ProCalor© advisers help the greenhouse operators develop a concept and variation study as well as with the subsequent programme registration. The carbon-offset programme assumes at least 25 per cent of study costs (programme participants assume 75 per cent). After the new heating system is successfully commissioned, the annual FOEN/SFOE-certified CO₂ savings worth **115 francs per tonne of CO₂** can be sold. An

Project type:

Biomass , Energy Efficiency

Project location:

Switzerland

Project status:

In operation, exclusive

Annual CO₂ reduction:

10'000 t CO₂e

Situation without project

Greenhouses are heated with fossil fuels

Project standard

FOEN/SFOE

Partner

KliK Stiftung Klimaschutz
und CO₂-Kompensation
KliK

Partner

DM
Energieberatung AG

Impressions

average annual income of 30,000 francs per hectare can be expected by the end of 2030.

Register now!

Submit the registration form to myclimate at the latest **before** you sign a service or sales contract for a heating system based on renewable resource. The detailed acceptance criteria can be found on the registration form. The normal procedure for registering for the funding programme involves the following steps:

1. Request and mandate an accredited ProCalor© adviser to conduct a **concept and variation study** (see contacts below).
2. **Programme registration:** Complete and sign the registration form, and submit it to myclimate together with the required documentation.
3. After a provisional funding commitment, begin with detailed implementation planning and sign the **funding contract** between principal and myclimate.
4. Sign the **service or sale contract** for the corresponding investment and forward a copy to myclimate.
5. After successful commissioning, submit a copy of the **commissioning** report and the calibrated energy meter to myclimate.
6. **Provide** the required **monitoring data** annually in accordance with the funding contract and receive the funding.

Enquiries and contacts

Enquiries regarding **concept consultation** can be made to the following accredited ProCalor© advisers:

- German-speaking Switzerland and Ticino: DM Energieberatung AG, 056 444 25 55
- French-speaking Switzerland: RWB Groupe SA, 058 220 39 40

Questions regarding **programme registration** and general questions regarding the carbon-offset programme:

- Across Switzerland: Foundation myclimate, 044 500 43 50, gewaechshaus@myclimate.org

This programme contributes to 2 SDGs:



40,000 MWh of renewable heat will be generated annually.



Rainwater basin as storage for 1'800 cubic meters of rainwater for the irrigation of salads. Photo: Forster Gruppe



1'600 kilowatts wood heating system in a greenhouse at BioLand Agrarprodukte in Steinmaur ZH. Photo: Daniel Meier



Ornamental plant production at the Ernst Meier AG greenhouse operation in Tann ZH. Photo: Andrea Wismer



On a total area of more than one hectare, various ornamental plants, herbs and vegetables are cultivated in the greenhouses. Photo: Andrea Wismer



10,000 t CO₂ will be saved annually.