

Geophysical Campaign

GeoCogen La Broye

FAQ for farmers affected by the 3D geophysical acquisition campaign

1. UNDERSTANDING THE CAMPAIGN

How am I affected?

The layout of the measurements was defined based on the geological characteristics of the subsurface. To obtain a precise, continuous image, the measurements must cover a wide area including both public and private land. Some agricultural plots therefore fall within the study area. Before any work begins, we will present the planned operations to you, take your farm's constraints into account, and answer your questions.

What is the purpose of this campaign?

The campaign aims to gain a better understanding of the region's deep geology in order to assess its geothermal potential. Geothermal energy harnesses underground heat to produce local, renewable heat and/or electricity.

The measurements will help reconstruct a three-dimensional image of the subsurface down to several kilometres in depth. This study is essential before any decision is made on the project's next steps.

No drilling is planned as part of this campaign.

What do the geophysical measurements involve?

The campaign relies on sensors temporarily installed on the ground. The principle is similar to an ultrasound scan: vibrator trucks send acoustic waves into the subsurface. The recorded signals produce an image of the geological layers at depth, without digging or otherwise disturbing the subsurface.

2. WHAT WILL HAPPEN ON MY FARM

What will actually happen on my plots?

Depending on the sector, measurement equipment may be temporarily installed on certain plots.

Movements are planned to limit the number of passes across plots. Teams will mainly be present to:

- install equipment;
- carry out measurements using vibrator trucks;
- carry out occasional equipment checks;
- retrieve all equipment at the end of the campaign.

How long will the equipment stay in place?

Equipment will remain in place during data acquisition, i.e. a few weeks. It will then be fully removed. No equipment will remain permanently on the land.

Will farm access and paths remain usable?

Yes. Access to plots, buildings and farm infrastructure will remain functional throughout operations. If a temporary adjustment is needed, it will be arranged with the operator.

How will access be organised?

Before operations begin, teams will agree access routes with each operator and identify constraints specific to the plot. They will prioritise the periods and sectors that are least sensitive, to limit disruption.

3. CROPS, LIVESTOCK AND FARMING ACTIVITIES

Will my farming activity be affected?

We do everything possible to avoid disrupting your farm. In advance, we will contact you to identify constraints (crops in place, access, sensitive periods) and adapt the placement of equipment on your land as best as possible.

Can farm work continue as normal?

Yes. Farming activities can continue during the campaign. Prior coordination with each operator will help identify harvest periods, sowing, or other important work, to avoid any disruption.

Will livestock be disturbed?

Teams will take the presence of animals into account.

Operators are encouraged to report any particular constraints related to livestock buildings, pastures or animal movements, so that teams can adapt their work accordingly.

What should I do if the equipment is in the way of my activity?

Report any inconvenience to the dedicated hotline, available throughout the campaign.

Teams can respond quickly to assess the situation and find a suitable solution.

4. DAMAGE AND LIABILITY

Am I liable for equipment installed on my plot?

No. You bear no liability for equipment deployed on your plot. In the event of unintentional damage or loss of equipment, no charge can be held against you.

What should I do if I notice damage to a crop, a structure or a path?

Report any damage promptly to the field team or the project hotline. The situation will be assessed to determine its cause and take appropriate action.

5. RIGHTS OF OWNERS AND OPERATORS

Could granting access to my plots lead to expropriation?

No. The access requested concerns only the temporary carrying-out of surface geophysical measurements. It does not change your property rights and commits you to nothing regarding the project's future.

At this stage, no drilling site has been defined and no development decision has been made. Should a drilling project go ahead, it would be subject to specific procedures and would involve discussions with the owners concerned. Agreeing to the geophysical campaign does not grant any automatic right to future installations on your land. Swiss Geo Energy has no power of expropriation. Any such procedure falls exclusively within the remit of the State.

6. AFTER THE CAMPAIGN

What do I get out of it?

Participation in this campaign does not involve any direct material benefit. It does, however, help assess the potential of a local, renewable energy source, with the long-term aim of strengthening energy independence and securing a sustainable energy supply, whose costs are less exposed to market fluctuations than fossil fuels.

Should a geothermal project go ahead in the future, it would take place in the region and could generate local economic benefits. The current campaign is therefore an essential step in determining whether this potential genuinely exists.

What will happen after the measurements?

The data collected will be analysed to assess the subsurface's geothermal potential. Depending on the results, further investigations may be considered. They do not prejudge either a drilling site or a development decision.

7. FOLLOWING OPERATIONS / CONTACTING THE TEAM

How will people affected by these measurements be informed?

A few days before operations begin, the GTGI team will contact the farmers concerned. Daily monitoring is planned to coordinate farming activities with those related to the geophysical measurements.

You will also be able to follow the progress of operations on the dedicated website.

Who should I contact with questions, comments or a problem?

You can reach the GTGI team in charge of operations via the hotline, available 24/7.

An email address is also available throughout the operations. The GTGI team will answer your practical questions and assist you if needed.

More information

Project owner:



www.swissgeoenergy.com

Geophysical operator:



Hotline: **079 536 43 21**

Email: permit-broye@gtgi.ch