

## Soil assessment

A professional assessment of soil examines the suitability of sites and fields for the designated utilization, e.g. before a leasing or purchase contract is signed. Furthermore, soil assessments are carried out in the course of environmental impact assessments (EIAs).

For example, in the planning of a biogas power plant, the fertility of the soils is often unattended. While some soil types are able to handle biogas residues such as liquid and solid residues of the fermentation process very well, other soils possibly suffer a loss of soil fertility and crop yields after the application of biogas residues. The soil expertise in this exemplary case helps to clarify if biogas residues sustainably damage soils or if the desired fertilization effect is accomplished.

- A soil evaluation can be useful to clarify the suitability of the assessed soil for the intended use before buying or leasing a property.
- Soil surveys are also provided in the context of environmental impact assessments (EIAs).

### Range of parameters:

Depends on the specific question and task.