Monitoring the storage of CO2 in concrete granulate



The development of a new storage technology has enabled the Swiss-based company Zirkulit AG to permanently store CO_2 in concrete granulate. Approaches to carbon capture of this sort have so far not met the criteria established by the Swiss Federal Office for the Environment (FOEN) for inclusion in carbon-offset programs. We're currently helping the company establish compliance with the specifications and gain approval for private-sector offset projects. As a FOEN-approved validation and verification agency, it is our job to secure the quality of reduction certificates and monitor the amounts of carbon stored in the Zirkulit® concrete granulate.

Our services

- Provision of support for the development of the program in ac-cordance with FOEN requirements
- Ensuring the quantifiability and permanence of the capture capacity
- Examination and verification of the stored amount of CO_2 in the framework of a monthly monitoring program

Client

zirkulit AG

Facts

Period	2021 - 2022
Project Country	Switzerland

Contact persons

Dr. Isabel OConnor
isabel.oconnor@ebp.ch

Valentina Nesa
valentina.nesa@ebp.ch