

# KKGEO: Operation of Cloud-Based Aggregation Infrastructure



**The Office of the Conference of Cantonal Geoinformation Service Providers (KKGEO) has established an aggregation infrastructure for the Switzerland-wide publication of harmonised cantonal spatial data. EBP is responsible for the application's operation.**

Represented by the Office of the Conference of Cantonal Geoinformation Service Providers (**KKGEO**), the Swiss cantons operate a portal to aggregate harmonised cantonal spatial data in the "**geodienste.ch**" portal. With this project they aim to make the data available for downloading and displaying in various clients. Working in the capacity of a project manager, EBP has designed and realised the scalable operation of the portal. The software components used for the system are based on open-source technologies and were developed by Sourcepole AG.

EBP is responsible for overseeing the first two years of operation of the "**geodienste.ch**" application. The scope of the assignment includes establishing a dynamically scalable cloud infrastructure based in Switzerland, installing the application on said infrastructure and providing maintenance and support services.

Working in close cooperation with the Swiss-based cloud-service provider CloudSigma, we set up the infrastructure for the application's operation in a Zurich computing centre. Thanks to the use of dynamic scaling, our solution can react flexibly to load and request volume fluctuations.

## Client

Office of the Conference of Cantonal  
Geoinformation Service Providers  
(KKGEO)

## Facts

Period	2014 - 2016
Project Country	Switzerland

## Contact persons

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During system operation, we continuously monitor the availability and performance of the application and coordinate the processing of support enquiries with the cloud-service provider and the application developer.