

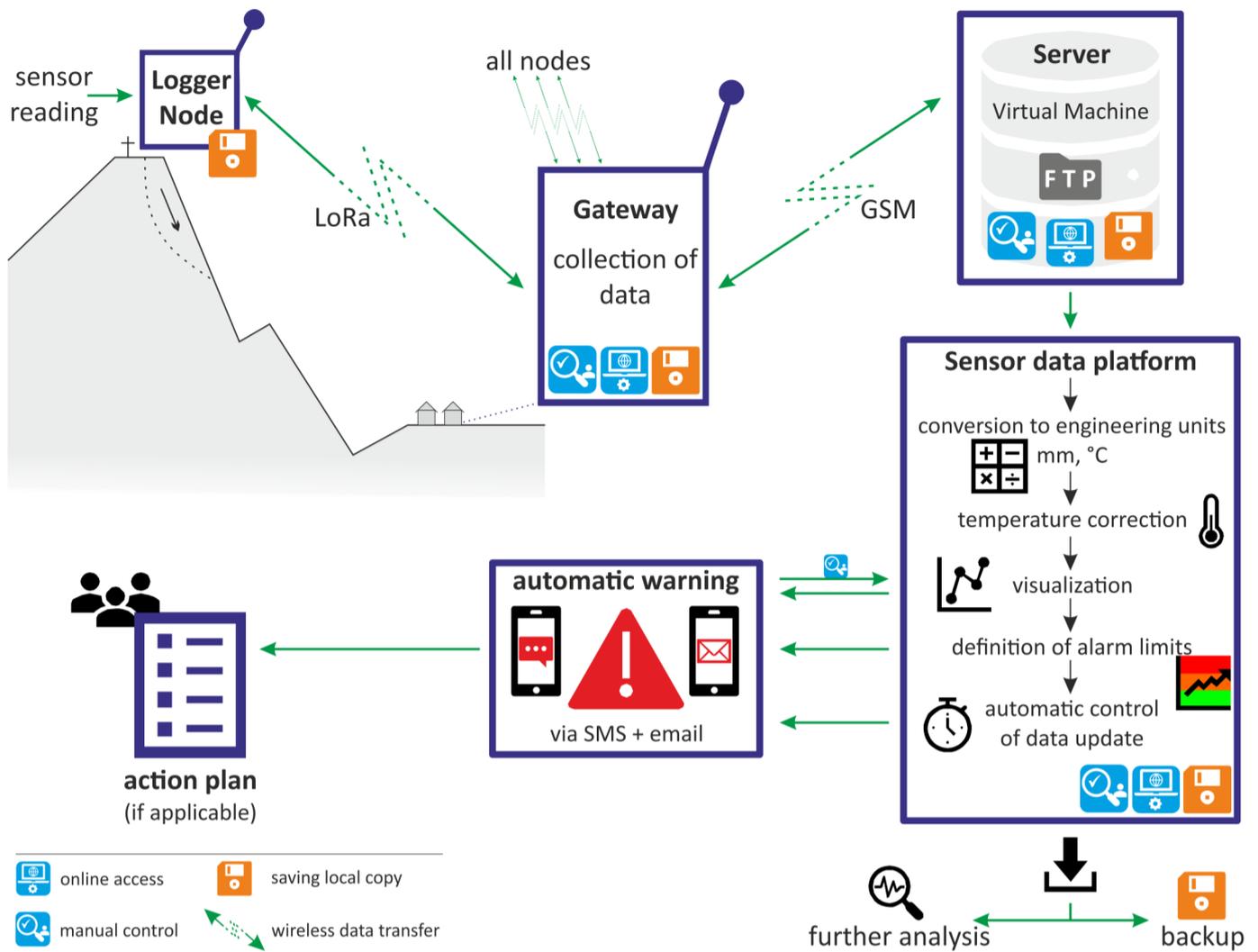
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- (near) real-time high alpine monitoring system, developed within the AlpSenseBench project
- Hochvogel: rock slope failure at the summit currently in its preparation
- >200,000 m<sup>3</sup> of potential failure volume

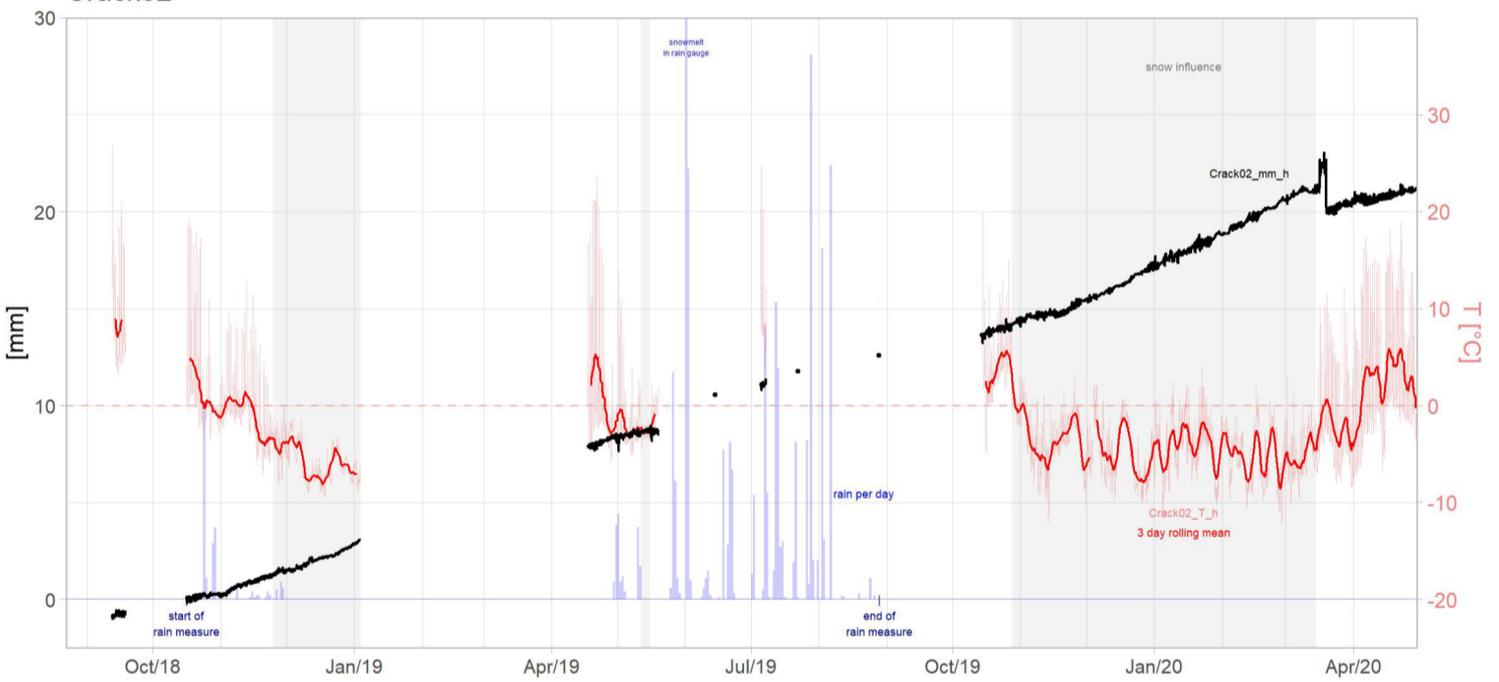
## ● setup and data flow of the Hochvogel system



## ● example high resolution crackmeter data

(data gaps due to lightnings and snow damage)

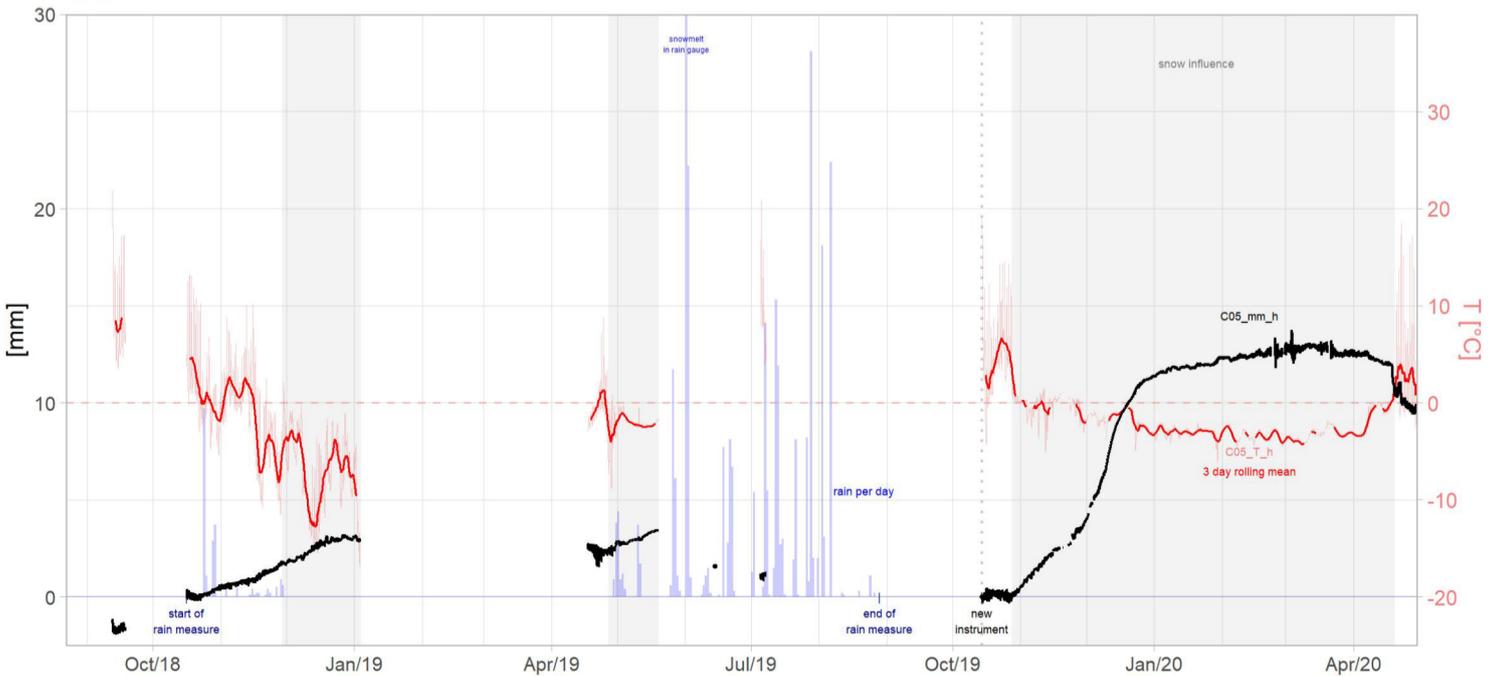
Crack02



## ● crackmeter data with stronger snow influence (crackmeter being pushed down)

(data gaps due to lightnings and snow damage)

C05



### upcoming tasks

- improve data filtering
- quantify and improve reliability
- decipher anticipative signals of an alpine rock slope failure
- combine geotechnical measurements with geodetic, photogrammetric and seismic measurements