

# Cadastral Map Update with Modern Technologies in Hungary

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## SUMMARY

In 2021, a pilot development was carried out with the participation of the Hungarian Chamber of Engineers, the Budapest University of Technology and Economics, Óbuda University, and several market players (Pannon Geodézia Ltd, Geodézia Ltd). The aim was to investigate the applicability of point cloud-based survey techniques (UAV, TLS, MLS) for cadastral surveys, with a focus on map update. In this article, we briefly describe the state of cadastral mapping in Hungary, and the results of the pilot project. We present the developments in our Institute that have been made as a result of this project, which we hope can effectively support point cloud-based evaluations for cadastral purposes. We will also discuss the possibilities and limitations of automation.

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