

# APG

ASOCIACE  
PODNIKATELŮ  
V GEOMATICE

## CZECH GEOMATICS IN MOVEMENT



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IN GEOMATICS (APG)

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Czech Association of Entrepreneurs in Geomatics (APG) is non-political professional association of entrepreneurs in geomatics.

Geomatics includes: *geodesy, engineering geodesy, mapping, cartography, photogrammetry, remote sensing, creation of spatial databases, geographic information systems and building information management*

- APG was established in 2018 as successor of sub-chamber of Land Surveyors and Cartographers
- Goals of APG: to increase the prestige of the field, to support a healthy competitive environment, to participate in lifelong learning of the members
- Member of CLGE

# Czech Chamber of Surveyors

- Since 1990 there have been five unsuccessful attempts to establish the Czech Chamber of Surveyors (in 1990 , 1991, 1999, 2003 and 2016)
- In 2018 APG was founded with one of the main goals: to establish the Czech Chamber of Surveyors
- APG prepared the amendment to the Surveying Act which includes the establishment of the Czech Chamber of Surveyors
- The Surveying Act will be effective from 1st July 2023
- The Preparatory Commission will prepare the internal regulations
- The Constituent Assembly will be held in December 2023



# DRONES FOR UKRAINE

#DRONESFORUKRAINE

VOL 2.



## 1 800 000 CZK

value of drones sent

## 130

total contributors

## 63

pieces of drones

how to financially support

through our  
Horizont HG 2014  
Foundation

what we collect

money to buy  
specific drones

- DJI Mavic 3 Classic
- DJI Mavic 3T Enterprise

do not hesitate to contact us

[www.dronyukrajine.cz/en/home](http://www.dronyukrajine.cz/en/home)

[info@hrdlicka.cz](mailto:info@hrdlicka.cz)

# The situation of land surveyors **in Ukraine**

**During the first year after russian attack, the demand for surveyors fell by almost 100% because of:**

- **Lack of a constructions on the market**
- **Impossibility of carrying out work on mined territories**
- **Frequent power outages**
- **Generally destroyed economy of the country**

# The situation of land surveyors in Ukraine

Land surveyors from Ukraine seek help from Western partners.

They are able to provide quality services for our Western colleagues.

The easiest way to help is to provide work mainly in data processing:

- **LiDAR / Mobile Data Processing, LiDAR Post-processing**
- **Laser scanning & Data Post-processing**
- **GIS data mapping & Data Post-Processing**
- **Photogrammetry** (including creating orthophoto, stereoscopic Post-processing)
- **Satellite Image Processing** (creating photographic plan of an area on an exact geodetic basis, by space photography)
- **CAD Services** (including creating BIM, 2D/3D models, site plans and dimensional drawings)
- **GIS software development** (angular, aws, java, mongodb, mysql, oracle db, postgres, reactjs, ruby on rails, etc.)



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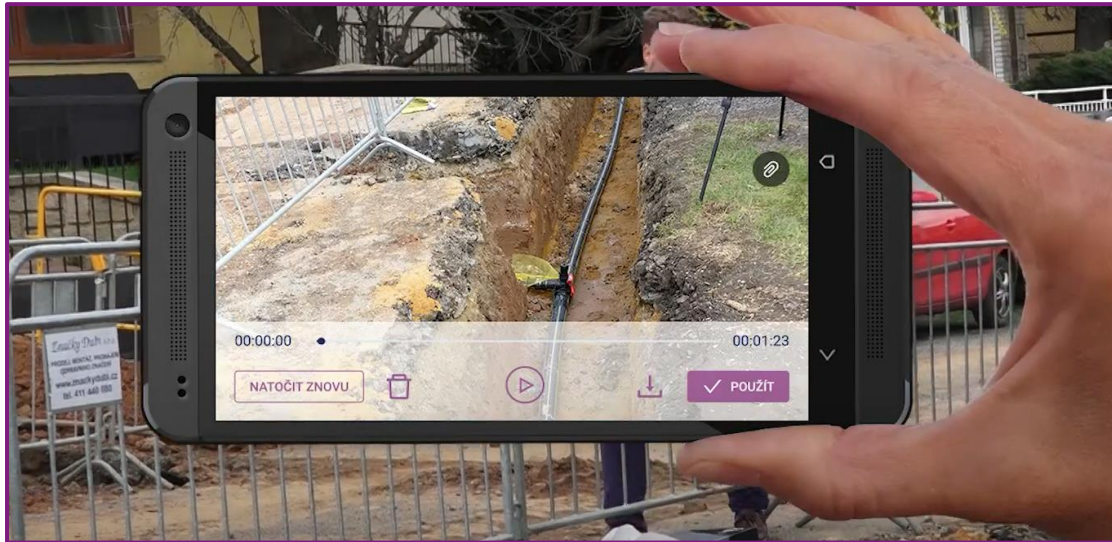
NEW PHOTOGRAMMETRIC TOOL FOR LAND SURVEYORS



Documentation of construction site with help of a smartphone or tablet



3D model of the real state of the construction







# Why is it great for land surveyors?

Construction sites of utilities are messy places, where everything moves quickly and there is no time wait for anyone.

That can be improved with MawisPhoto!

- geodetically precise
- uses photogrammetry as proven geodetic method
- brings digitization into construction
- more order in construction
- 2D view for GIS
- measuring distances, areas and volumes
- everyone has a smartphone = everyone can do it
- construction companies are in place collect the data  
= no pressure on land surveyor



**Become our partner for  
MawisPhoto in your country!**





APG

THANK YOU



FOR YOUR ATTENTION



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