

ENVIRONMENTAL APPLICATIONS

MONITORING OF POST-MINING

LAND SUBSIDENCE

CUSTOMER:

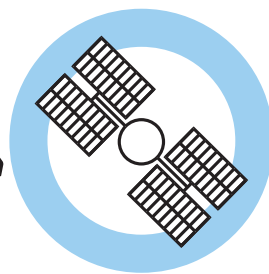
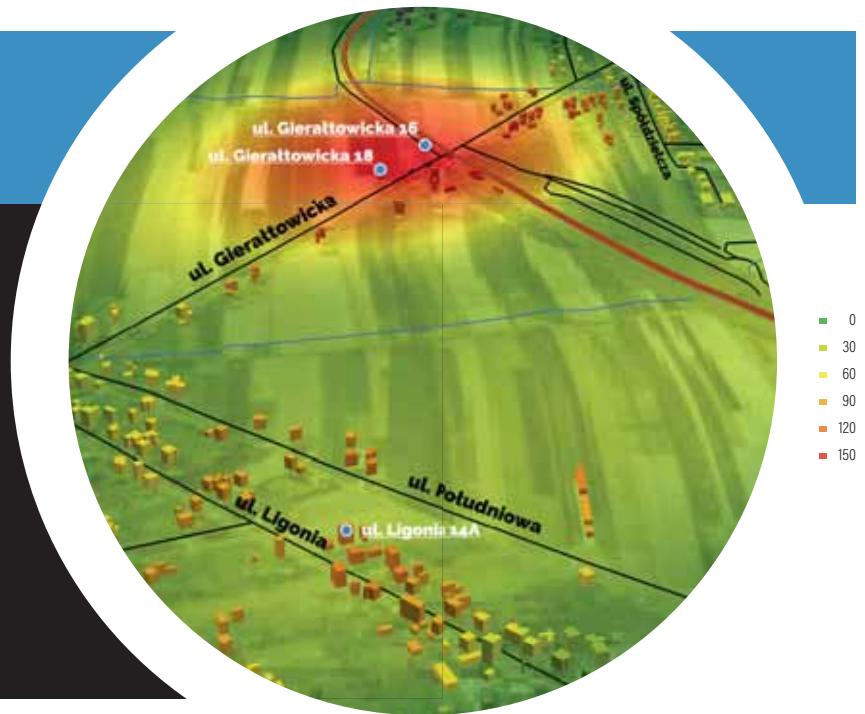
Local authority from mining region.

PROBLEM:

Lack of comprehensive information on the land subsidence phenomenon which affects public and private buildings, land plots and utility infrastructure. All measurements of the land subsidence are exclusively in the possession of mining companies.

SOLUTION:

Historical analysis and current monitoring of terrain displacements using radar interferometry with 1 cm vertical accuracy.



BENEFITS:

The customer city acquires and publicly shares current information on the actual extent of post-mining land deformations, which brings a lot of both measurable (e.g. investments, compensations) and non-measurable effects (gain of trust).

