

# Analysing aerial photographs of construction sites

## Setting:

The monitoring of construction equipment, construction progress, and stock levels of construction materials is an essential task on construction sites.

For surveilling construction sites, we analyze aerial photographs obtained from UAVs and satellites.

## Your Tasks:

Use the Matlab Image Processing Toolbox to analyze aerial photographs. Detect and classify buildings, construction equipment and building material. You may use both traditional algorithms and machine learning approaches.

Apply and adapt the analysis methods to aerial photographs from various origin and resolution, such as satellites, UAVs, and airplanes.

