



Size
400
buildings



Scan time
6 months



Location
Various,
Denmark



Industry
Engineering



Scanned
Municipal
buildings

Words by
Morten Thoft, COWI

“Digital technology is changing the way we design, construct and maintain our infrastructure. With the built environment ever more complex, traditional 2D data is not up to the task. As we move towards a more intelligent, more integrated, BIM-focused methodology, 3D data is becoming the norm. To stay ahead of the competition, surveying firms need to integrate innovative engineering approaches, digital technologies and intelligent data.

COWI is a multi-discipline engineering and planning firm based in Denmark. We have been eager to accelerate survey workflows and, as a result, have embraced digital engineering and added several GeoSLAM solutions to our arsenal of specialist scanning equipment. In just 6 short months since acquiring their first handheld laser scanner, a two-man team at COWI has used the 'go-anywhere' mapping device to survey the interiors of some 400 municipal buildings; mapping over 16,000 rooms and measuring more than 300,000 m².

GeoSLAM's solutions are changing the way we survey buildings. We can now measure building plans 10-times faster than we used to with Total Station or traditional survey equipment. Our decision to purchase another GeoSLAM solution was easy. With their handheld devices, we surveyed more buildings with more rooms in six months than traditional survey equipment would have allowed in many years. And we were able to capture more information in the process.”

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