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# 3D laser scanning applications at ESS ERIC in Lund, Sweden

The Survey Alignment and Metrology team at ESS is capable of providing a digital 3D representation of the on-going construction and installation activities to many different users. During the design phase, for integration purposes, to support as-built documentation or simply to visualize progressing installation works, this tool becomes crucial for such a complex project.

Field data are captured using 3D laser scanning solution, and the processing of the point clouds enables to publish the resulting models via web based application while more advanced users can use it directly in our CAD platform.

## Summary

**Author:** Mr GARSZTKA, Pawel (ESS ERIC)

**Co-author:** REY, Fabien (ESS ERIC)

**Presenter:** Mr GARSZTKA, Pawel (ESS ERIC)