

# Update on the LI Cal/Val and study plan

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# Update on the study update

Study	Info
<p><i>“ISS-LIS data analysis based on LMA networks in Europe”</i></p> <p>UPC – Joan Montanya Closed in July 2019</p>	<p>Provided content for the definition of the methodologies for assessing the in-flight lightning detection performances of LI</p>
<p><i>“ATDnet redesign feasibility study”</i></p> <p>MetOffice – Ed Stone Closed in October 2019</p>	<p>Presentation today</p>
<p><i>“Comparison of Ground-based LLS Network Data to ISS-LIS in the European Domain”</i></p> <p>OVE-ALDIS – Wolfgang Schulz KO in December 2019</p>	<p>Presentation today</p>

# Update on the study plan

Study	Info
Analysis of the GLM detections against GLD360 with the complementary information on cloud properties from ABI (such as cloud top height, cloud optical thickness, etc.)	The goal is to find if there is any relation between detected/missed storms from space and cloud properties at the locations of such storms. Refinement of LI Cal/Val and monitoring tools.
Preparation of a field campaign with LMAs in Africa and Brazil: technical details, estimated duration, costs and expected outcome	Estimation based on from previous LMA campaigns and from ground detections from other networks
Cal/Val analyses with the support of LI MAG experts	Either ad-hoc or running studies/analyses to complement the results produced in-house by EUMETSAT

# Coordinated ESA-EUM effort for Cal/Val

Content to be updated following the Teleconf with ESA on Jan 18<sup>th</sup> on the IOV Workshop Preparation