



**Earth Observation Services
for Monitoring Dynamic
Forest Disturbances**

Requirements Baseline Report

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Executive Summary

The Requirements Baseline Report has the overall objective of providing an overview of the main building blocks of the Earth Observation Services for Monitoring Dynamic Forest Disturbances (EOMonDis) project. This includes the summary of the UNFCCC policy on reducing emissions from deforestation and degradation (REDD+) and the zero deforestation (ZD) concept and programme as well as the components of these two policy segments that require forest monitoring. In both policy segments there are specific requirements for Earth Observation (EO) for forest monitoring. The report further presents the four Pilot countries for the project; the three African countries of Cameroon, Gabon and Malawi and their public sector agencies that implement REDD+ and/or national forest monitoring have been involved with previous projects that this Consortium has implemented. Therefore user requirements information has already been documented and well established working relations with the end users have already been developed. A new user is the non-government organisation The Forest Trust (TFT) who support large multi-national companies to implement ZD programmes; the end user recommended a site in Peru for the project which was also adopted. A summary of the status of the different countries in implementing REDD+ and/or national forest monitoring systems is presented. Finally the results of a market assessment are presented for REDD+ and ZD; there are no specific dedicated budgets for EO based forest monitoring in the overall REDD+ financing from bi-lateral and multi-lateral sources. However it is envisaged that there will be a high demand for the products/services from the current project for countries implementing the Phase three or results-based payments of REDD+, as the independent validation of the reference emissions levels will be based on stringent technical review of deforestation/degradation assessment. The report presents these various aspects as well as the overall challenges to reach the market relevant to both REDD+ and ZD. The analysis of these various issues are inputs to the deliverables D7 Technical Design Document and the D23 Dissemination Plan and Marketing/Communication Strategy for Phase 1.