

Advanced_SAR, EU/FP7-Space (Contract# 606971)

<http://www.fgi.fi/advancedsar/>

Title: Advanced Techniques for Forest Biomass and Biomass Change Mapping Using Novel Combination of Active Remote Sensing Sensors

PROJECT LOCATIONS: Evo/Finland, Remningstorp/Sweden, Austria

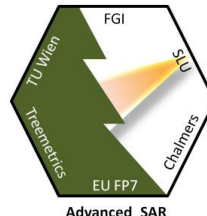
BUDGET INFO: EU contribution of 2 Million Euros

DURATION: Start: 1/Oct/2014 - End: 30/Sep/2018

PROJECT'S IMPLEMENTORS:

Coordinating Beneficiary: Finnish Geodetic Institute (Finland)

Associated Beneficiaries: Sveriges Lantbruksuniversitet (Sweden), Technische Universitaet Wien (Austria), TreeMetrics Ltd (Ireland), and Chalmers Tekniska Hoegskola (Sweden)



BACKGROUND and AIMS:

The project aims to improve forest above ground biomass estimation using SAR satellite data, by developing methods to create accurate 3D forest canopy height models and using satellite data together with terrestrial and airborne measurements. The project is expected to establish a basis for the development of innovative EO products and services combining existing and upcoming satellite, airborne and in-situ data.

