

Universidade de Vigo



ENGINENCY



A HOLISTIC SYSTEM FOR BUILDING INSPECTION AND
ENERGY EFFICIENCY MANAGEMENT

Industrial Engineering School, University of Vigo, Campus Lagoas-Marcosende s/n 36310, Vigo, Spain

PROJECT DESCRIPTION

ENGINENCY is a holistic solution for energy efficiency in buildings, which brings support in the energy experts' daily activity, increasing their current capabilities in a single automatic solution to optimize and decrease the use of energy. Three industrial SMEs (ICM, QIVIVO and DEMO) and a public research institution (UNIVERSITY OF VIGO) from three EU countries are joining expertise in different building energy efficiency domains to develop and commercialize ENGINENCY



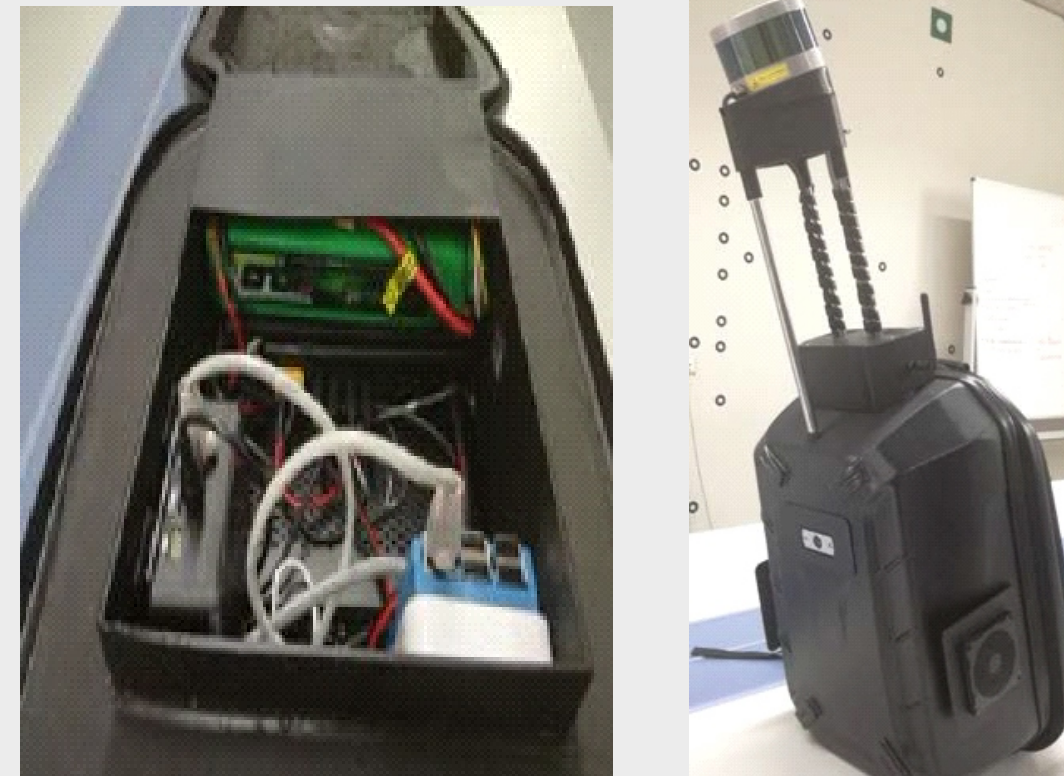
ONGOING PROJECT RESULTS

BUILDING MODEL GENERATION

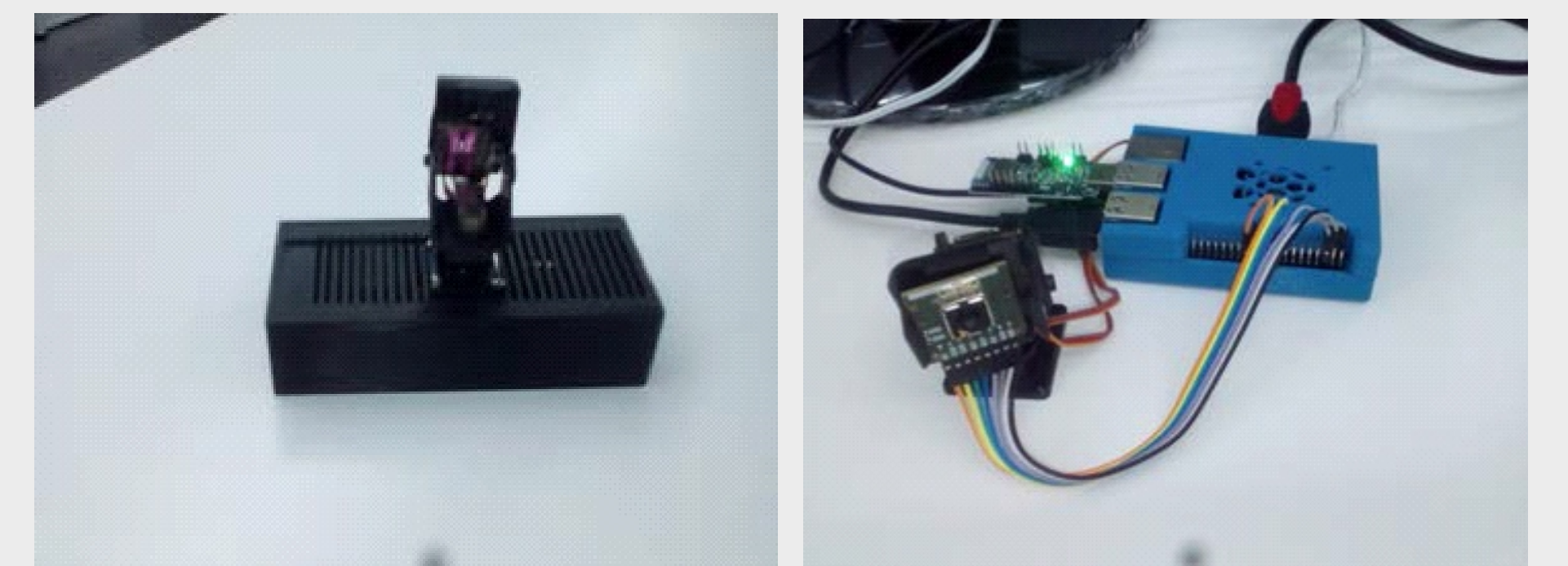
PSABEI: PORTABLE SYSTEM FOR AERIAL BUILDING ENVELOPE



PSBII: PORTABLE SYSTEM FOR BUILDING INTERIOR INSPECTION

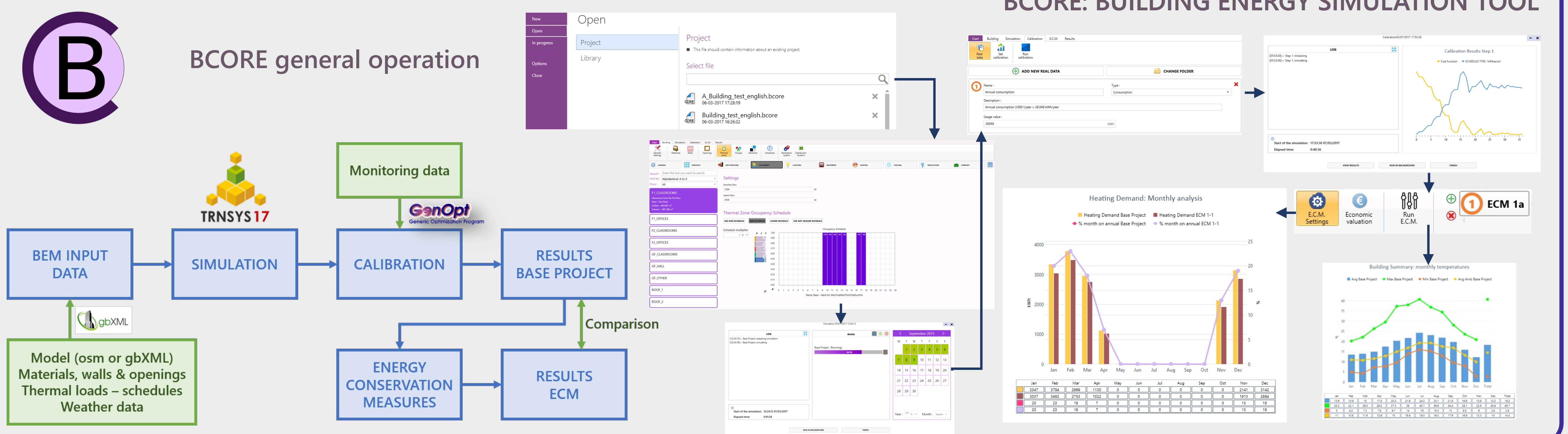


MTS: MONITORING THERMOGRAPHIC SCANNER



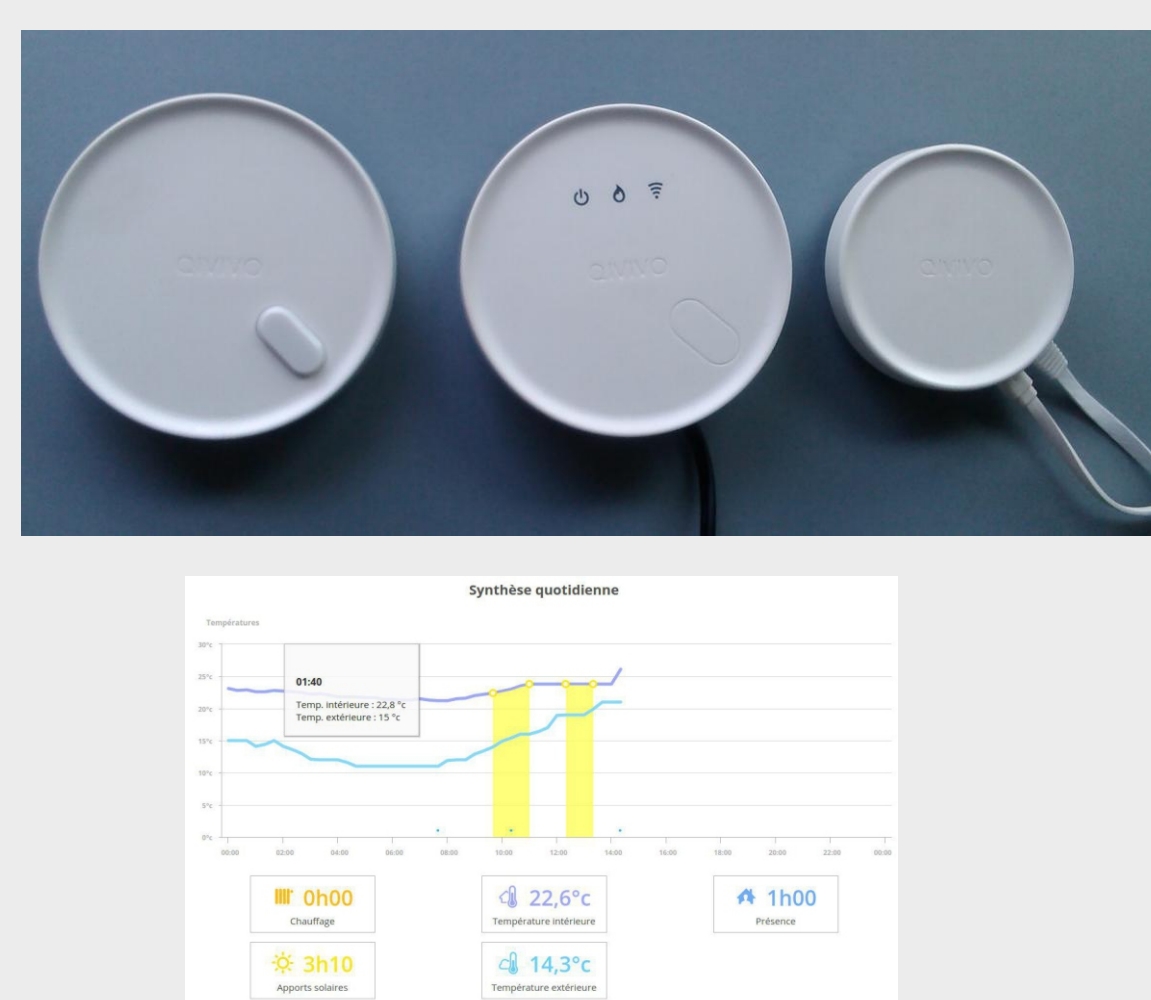
Advanced technological solutions for automated measurement acquisition of a building model

BUILDING ENERGY SIMULATION AND CALIBRATION

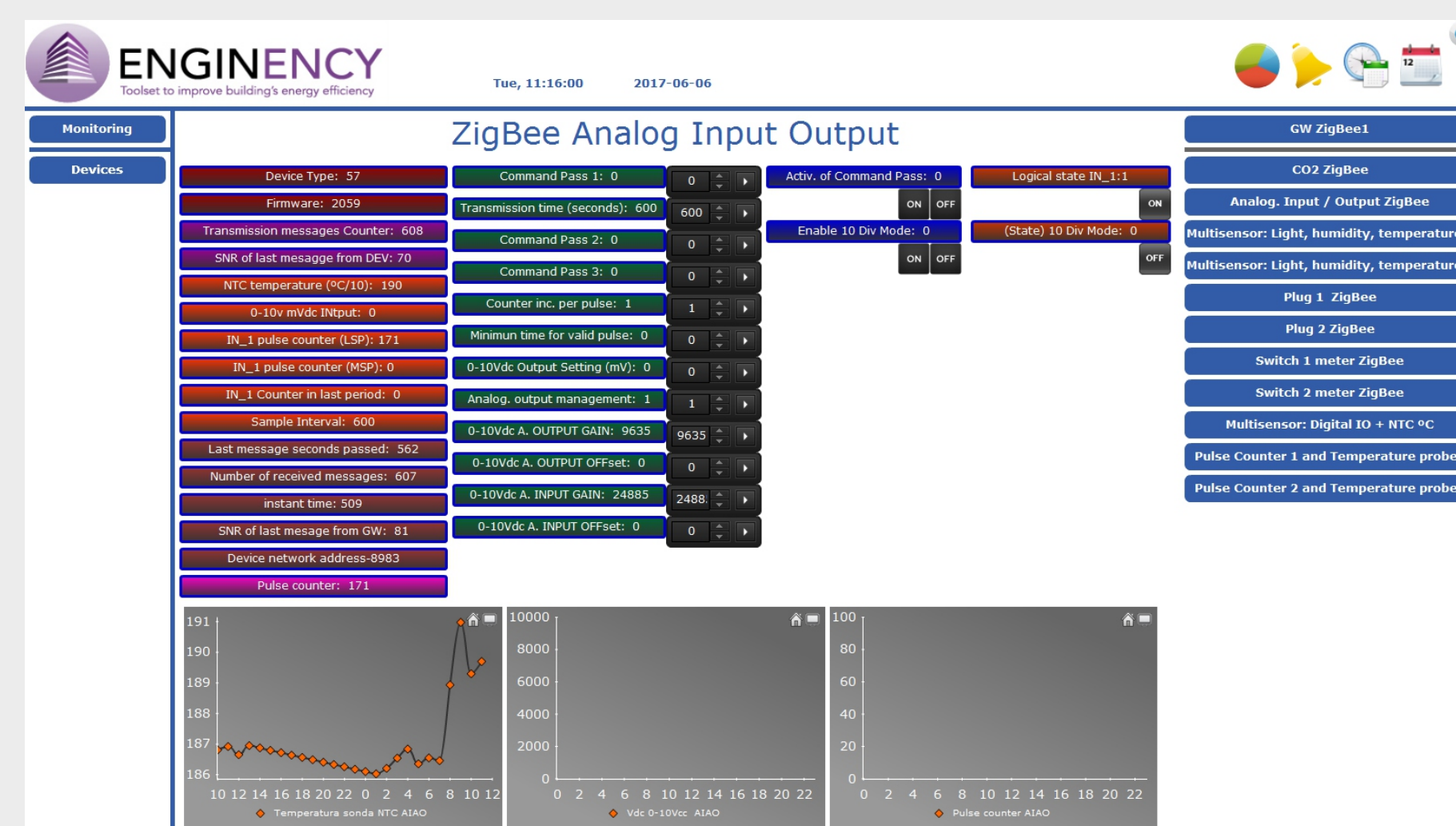


MONITORING DATA FOR CALIBRATION

SMART THERMOSTAT

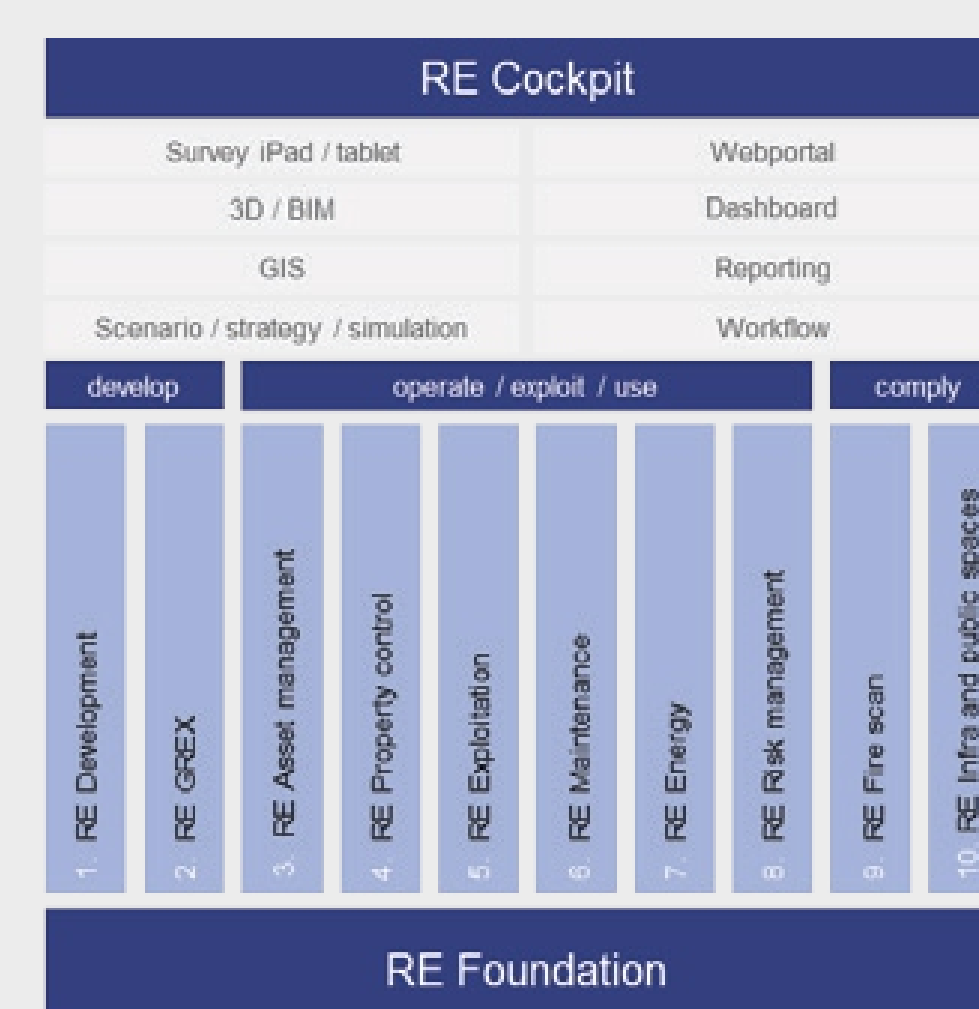


BUILDING MANAGEMENT SYSTEM



COMMERCIALIZATION

INVESTMENT APPRAISAL



Portfolio management strategic decision making and consulting



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10th National Congress Engineering Thermodynamics
Lleida, 28-30 June, 2017