Italian demonstration site

Tools to be tested	Measure of success
Tool 1 Digital tool for fast mapping of buildings	3.1 Time reduction on digital data acquisition >= 30%
	3.1 Time reduction on BIM model's creation >= 30%
Tool 2 BIM-assisted energy refurbishment assessment tool	1.4 Reduction on energy audit time >=50%
	1.5 Reduction of net primary energy use >= 10%
	2.2 Use of dynamic simulation tools for energy assessment >= 30%
	2.3 Integration of GIS data in BIM models for energy purpose
	3.3 Time reduction on decision making for different renovation scenarios >= 30%
Tool 3 Human-Machine interface tool	1.5 Reduction of net primary energy use >= 10%
	3.4 Deviation between predicted and real user occupancy schedules <=10%
	3.5 Reduction of net primary energy use >= 10%
Tool 4 Tool for connecting BIM models and BACS	1.3 Deviation between predicted and real thermal performance <= 10%
	3.2 Time reduction on BACS – requirements definition with users >=10%
Tool 5 Fast tracking tool for renovation operations	1.2 Reduction on renovation cost >= 15%
Management system	1.1 Reduction on renovation working time >= 20%
	2.4a Development of digital logbooks for renovated buildings
	2.4b Management of as-built data in "operational" BIM models