



ECO-INNOVERA



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value driven life cycle based sustainable business models

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Tiuri&Lommi (fi), Trinius (de), CSTB, LASCOT (fr)

- **ValPro** 2010-12 (Eracobuild: Value Driven Procurement in Construction and Real Estate) – value models, business models
- **SuPerBuildings** 2010-12 (FP7: Sustainability and Performance Assessment and Bench-marking of Buildings) – indicators, process
- **SBA** projects 2009- (Sustainable Building Alliance) – core Metrics, IFC, BIM
- **ManuBuild** 2005-09 (FP6: Open Building Manufacturing) – business models

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- sustainable construction business model to support *paradigm change* in eco-innovation
- the next generation of integrated, user-oriented sustainability assessment tools
- a roadmap to a sustainable eco-innovative paradigm change for enterprises, particularly SMEs
- recommendations for policy makers



Organization	Total cost
VTT Technical Research Centre of Finland	€ 450 000,-
CSTB Centre Scientifique & Technique du Bâtiment (France)	€ 300 000,-
Arkkitehtitoimisto Tiuri & Lommi Oy (SME Finland)	€ 25 000,-
Ingenieurbüro Trinius GmbH (SME Germany)	€ 222 200,-
LASCOM (SME France)	€ 233 700,-
Total	€ 1 231 100,-

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current existing tools

either lack proper integration of environmental, economic and social aspects of sustainability, or focus only on one of the three aspects

are normally designed to be used by a particular group of stakeholders

are commonly not considered from a life cycle perspective

have a degree of complexity that makes them difficult to use by key actors, particularly SMEs

are seen as potential risk by companies since ownership and control of information becomes unclear

do not typically include policy makers, or their principles are formulated in such a way that are not useful to them

are normally licensed

tend still to the business-as-usual way of doing and focus too much on technological innovation if at all

ecobim's innovation and added value

next generation of integrated user-oriented sustainability assessment tools

is intended to consider the different stakeholders involved in the design/procurement process

flexible life-cycle assessment tool based on indicators and linked to BIMs

easy-to-use set of guidelines based on indicators for sustainable eco-innovative construction business models in direct collaboration with SMEs

combining information and processes will allow to support contributions coming from various stakeholders

easy-to-understand recommendations for policy makers

FREE-ACCESS tool

new business opportunities for construction SMEs by fostering paradigm change to eco-innovation

