



CIB NEWS ARTICLE

International Council for Research and Innovation
in Building and Construction

Providing a global network for international exchange and cooperation in research and innovation in building and construction, in support of an improved building process and of improved performance of the built environment.



STAND-INN

Standards for Innovation in construction and fm



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Programmes

The STAND-INN Handbook



by

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Introduction

Final Outcome

This is the final newsletter of STAND-INN, which was funded under the European Innova Programme. With 31 partners, STAND-INN was also the largest network under Europe INNOVA initiative.

The STAND-INN Handbook is a guide for anyone in construction and FM who is looking to work in more efficient and sustainable ways. It has its source in the work of the EU STAND-INN project, which explored how innovation, standards and ICT have combined to provide better approaches.

The building information model – or BIM – allows the parties in a construction project to share information using interoperable software. *“BIM offers a more collaborative way of working. Processes become more transparent and communal ... change brings opportunities.”*

The best results are achieved by choosing software that complies with the open IFC standard, which many software vendors are already using. The combination of a building information model and IFC-compliant software offers fantastic possibilities for greater accuracy, time saving and energy efficiency in design, construction and operation – something the STAND-INN project strongly supported. Accessibly written,

with case studies, action points, explanatory diagrams and 'how to get started' advice, the STAND-INN Handbook is an essential tool for companies and clients who want to reap the benefits of 'building smart'.

Contents

Introduction: standards and innovation in construction

Part I Sustainability and standards

- Sustainability issues: new opportunities and the need for change
- Standards

Part II Practical approaches

- BIM, IFC and buildingSMART – bringing it all together
- Sustainable housing
- New approaches to public procurement
- Building products and services for a sustainable future
- How to get started References

A Primer for Practitioners and Clients

The STAND-INN Handbook can be downloaded for free from the Europe INNOVA website www.europe-innova.org and the buildingSMART international website www.buildingsmart.com.

The handbook speaks plainly about the problems of unsustainable building and how we can start to do better. Although the project will be over soon, there will be no rest. The torch must be carried forward, using STAND-INN findings and BIM-IFC, so that we can move firmly towards achieving a sustainable, innovative and competitive European construction sector.

The first stage is to approach all of the relevant calls of the Competitiveness and Innovation Framework Programme, the Seventh Framework Programme, and other relevant mechanisms to establish the necessary RDI (R&D/innovation) portfolio, which will drive the market roll-out of 'building smart'. I urge members of the industry to put their support behind industry initiatives, such as those of the buildingSMART organisation.

Other Stand-Inn CIB News articles

- STAND-INN 1 – February in [2/07](#)
- STAND-INN 2 – April in [3/07](#)
- STAND-INN 3 – July in [5/07](#)
- STAND-INN 4 – September [6/07](#)
- STAND-INN 5 – February [2 /08](#)
- STAND-INN 6 – October [6 /08](#)

Additional Information

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