



**Standing Committee
Knowledge&Technology**
Chairman: ASKO SARJA
Vice chairman: PAUL RUBEN BORG

1. OBJECTIVE

The objectives of SC Knowledge and Technology are

- ▶ to follow up of the European and worldwide research and development in the field of building and civil engineer
- ▶ to explore challenging needs of investigations and information on new knowledge and technologies in building and civil engineering in the selected issues- for the use of National Civil Engineering Associations and
- ▶ to distribute information on the actual needs and developments to the member Societies of Civil Engineers and to their members.

2. BUSINESS PLAN FOR THE YEARS 2012-2013

2.1 Task Forces

- 1. Identify Priority areas in different organisations - countries.**
- 2. Contribution and support for implementation of Energy Efficient nZEB (nearly Zero Energy) Buildings into praxis in ECCE countries**
- 3. Contribution and support for implementing the Lifetime oriented buildings and civil engineering into the praxis of ECCE countries**
- 4. Establishment of the ECCE Social Network “BuildLife”**

2.2 Actions of the Task Forces in 2012

Task Force 1: Identify Priority areas in different organisations and countries.

- ▶ Survey on Emerging Technologies.
- ▶ State of the Construction Industry - State of the Country Studies.
- ▶ Current Research Projects and Research trends – link to new developments in Civil Engineering in Member States – Countries Participating
- ▶ Recommendations for Detailed Analysis on the basis of Survey Outcome.
- ▶ Deliverable, May 2012: Report on results of the questionnaire to the National Member Associations, including Results & Analysis on Emerging Technologies Survey and proposals for Longer Term Plan development.



Task Force 2: “Follow up and contributing to the development of knowledge and technology in civil engineering at European level”

- Follow up, collection, distribution, exchange and discussing the knowledge and technology in civil engineering at European level

Task Force 3: “Contribution and support for implementation of “Energy Efficient nZEB (nearly Zero Energy) Buildings into praxis in EU”

The implementation and continuous use of the ECCE Social Network “Buildlife” will be started in the following themes:

- Analysing and reporting the development of Energy Efficient Buildings in Europe and globally
- Information exchange and collection through discussions and questions between ECCE members in ECCE Social Network “Buildlife”
- Comparisons of development in different countries

Task Force 4: “Contribution and support for implementing the Lifetime oriented buildings and civil engineering into the praxis of ECCE countries”

- Collecting, analysing, exchanging and discussing the principles and practical use of lifetime oriented investment planning, design, construction and management
- Information exchange and collection through discussions and questions between ECCE members in ECCE Social Network “Buildlife”

Task Force 5: “Establishment of the ECCE Social Network “BuildLife”

- Developing and implementation the application of a Social Network Technology for a key tool of the information exchange, distribution and discussion in SC K&T, and in ECCE R&D activities ”.
- Social Networking means communication and interactive building of understanding with the help of information technology, while the partners are able to act both as consumer (user) and as producer.
- Renewal of the paradigm, working, visibility and productivity of SC K&T supported on the ECCE Social Network “BuildLife”

Espoo, 26th November, 2012

Asko Sarja
Chair of the SC Knowledge and Technology