



**Standing Committee  
Knowledge&Technology**  
Chairman: ASKO SARJA

## **1. OBJECTIVE**

The objectives of SC Knowledge and Technology in 2011-2012 are

- the follow up of the European and worldwide research and development in the field of building and civil engineer, and distribute information on this to the member Societies of Civil Engineers and to their members
- exploring and planning challenging needs of investigations on new knowledge and technologies in building and civil engineering in the selected issues:
  1. Development of knowledge and technology in civil engineering at European level
  2. Energy efficiency of buildings in Europe
  3. Lifetime oriented design, construction and management of buildings and civil infrastructures

## **2. BUSINESS PLAN FOR THE YEAR 2012**

### ***2.1 Task Forces in 2012***

1. "Implementing the ECCE Social Network "Buildlife into the everyday activities of SC K&T.
2. "Follow up, distribution, exchange and discussing the general development of knowledge and technology in civil engineering at European level"
3. "Contribution and support for implementation of "Energy Efficient nZEB (nearly Zero Energy) Buildings into praxis in ECCE countries
4. "Contribution and support for implementing the Lifetime oriented buildings and civil engineering into the praxis of ECCE countries
5. "Planning of an ECCE Conference or Seminar on "**Lifetime oriented Building and Civil Engineering**"

### ***2.2 Actions of the Task Forces in 2012***

#### **Task Force 1: "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 generally in ECCE 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"



## **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”

## **6. 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”

## **7. Task Force 5: Conference or Seminar on "Lifetime oriented Building and Civil Engineering"**

- Inviting the organiser of ECCE Annual Meetings 2012 for the organiser of this event
- Defining the objectives, content and organisation in co-operation between SC K&T and the organising association
- Planning and informing on the event through discussions between ECCE SC K&T, ECCE ExBo and national and individual members through ECCE Social Network “Buildlife”

Espoo, 28<sup>th</sup> September, 2011

Asko Sarja  
Chair of the SC Knowledge and Technology