

## **Information Networking in the Construction Process**

Mika Lautanala  
Senior Technical Adviser  
Technology Development Centre, Tekes  
Mika.Lautanala@tekes.fi

### **Abstract**

#### **1. National R&D programme starting 1997**

Technology Development Centre (Tekes) is starting a technology programme on Computer Integrated Construction. Tekes is the main financing organisation for applied and industrial R&D in Finland. The programme is called "Information Networking in the Construction Process". The target will be to promote implementation of IT in construction process. IT is also used as an enabling technology to re-engineer construction process. A few projects have already started but the full scale programme is due to start in summer 1997. The programme will last six years, and its volume is planned to be about 30 million Finnish marks per year (6 million USD).

#### **2. Survey results will be reported**

In the planning phase we have made a survey to analyse the industrial needs concerning the IT in construction process. A questionnaire has been sent to approximately 250 AEC/FM companies in Finland. The questionnaire address for example following questions:

- state of the current information systems
- main hinders to use IT effectively
- development needs within different time spans
- benefits of IT
- vision of the IT in AEC industry

Additionally numerous interviews will be done. The results of the survey will be described in the paper.

#### **3. Conclusions**

The paper concludes the objectives and contents of the technology programme. Although it is national programme we are looking for international collaboration. Especially company to company level collaboration will be encouraged. Potential areas for international collaboration will be listed.