



General Introduction



Content of presentation



- **Background of the project**
- **Partnership**
- **Acknowledgement**
- **Programme of the seminar**
 - **Technical background of simple design method**
 - **Application of simple design method (design guide)**
 - **User-friendly design tools**



Background of the project



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the project

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the seminar

- **New simple design method (1)**
 - Full scale fire tests have revealed that the fire performance of global composite floor systems could be much higher than that obtained in standard fire tests with isolated structural members
 - **A new innovative simple design method was developed on the basis of large scale tests (Natural fire)**
 - More experimental evidences have been obtained about such good behaviour in long duration ISO fire condition
 - **It provides economic and robust fire resistance solutions for various steel framed buildings**



Acknowledgment

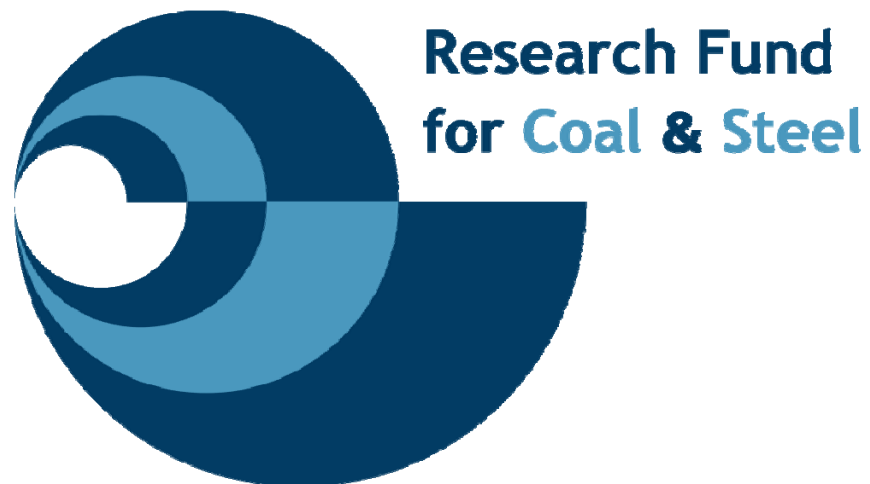


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 - European Commission through the programme:
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Background of the project

Acknowledgment

Programme of the seminar





Programme of the seminar



Background of the project

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Programme of the seminar

- **Technical background of simple design method**
 - Fire performance of steel and concrete composite floor systems in real fires (full scale fire tests and accidental fires)
 - **Technical fundamentals of simple design method**
 - New experimental evidences derived from long duration standard fire furnace tests
 - Numerical investigation of simple design method
- **Application recommendations of the simple design method (Design Guide)**
- **User-friendly software and working examples**