



## ***IAI Steel Frame Construction -project***

**Status Report in Munich - August 1998**

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## **ST-1 STEEL FRAME CONSTRUCTION PROJECT**

- Objective of the ST-1 is to develop an interoperability adapter between IFC R3.0 and CIS R2.0
- The fundamental purpose of ST-1 is to enable interoperability through interoperability adapter between two co-existing specifications and their implementations, namely IAI/IFC and CIMsteel integration standard
- Interoperability adapter is a mapping specification between two schemas; here, between relevant subsets of IFC and CIS schemas
- The interoperability adapter enables implementation of mapping processors to convert a dataset based on IFC into a dataset based on CIS and vice versa, or translators from IFC-based implementation to CIS-subset and from CIMsteel-based implementation to IFC-subset

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## PROJECT TEAM AND SUPPORTING COMPANIES

- **FinnST-1 -proposal / Finland:**
  - Purpose: To fund the Finnish participation in IAI ST-1
  - SteelBase consortium: Finnish Constructional Steelwork Association, Rautaruukki, EuroSTEP, TEKES (SteelBase has been implementing CIS/DEP4 based data exchange)
  - Planned size: 9 person months
  - Duration: Q3/1998 ... Q3/1999
  - Draft proposal circulated; positive feedback from Tekes
  - Some detailing in organisation and schedule
  - Final submission in September -98
- **Framework for the integration of the CIS and the IFC-proposal / UK:**
  - Proposal under development
  - British Steel, Steel Construction Institute, Taylor Woodrow, Intergraph, John Laing, BAA, IAI UK, University of Leeds
  - Planned size: ~24 person months
  - Duration: Q2/1999 ... Q2/2001
  - Submission ?

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## FinnST-1 SCHEDULE

Task	1998												1999								
	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9				
1 Project management																					
2 Methodology study																					
3 Requirements definition																					
4 Modelling and adapter specification																					
5 Validation and testing																					
6 Prototype implementation																					
7 Documentation																					
8 Dissemination																					

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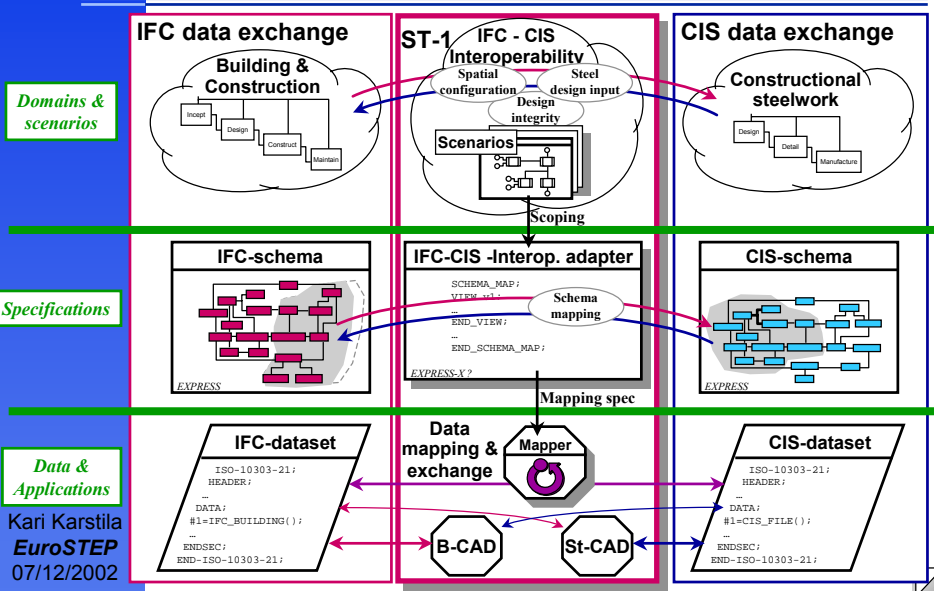
# ACTION ITEMS

- Submission of final FinnST-1/Finland funding application
- Submission of final UK funding application
- Call for participation to other Chapters
  - German / Steel frame structures domain group
  - ...
- Coordination and harmonisation of various contributions to ST-1
  - Work breakdown and responsibilities
  - Schedule
- Coordination with other IAI-projects, e.g. ST-2
- Process description, scope, usage scenario development ...

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# SUMMARY OF IAI/IFC ST-1 Steel frame project



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