

buildingSMART ORGANIZATION

TALLINN – 14.02.2012 – STEEN SUNESEN

buildingSMART DATA DICTIONARY

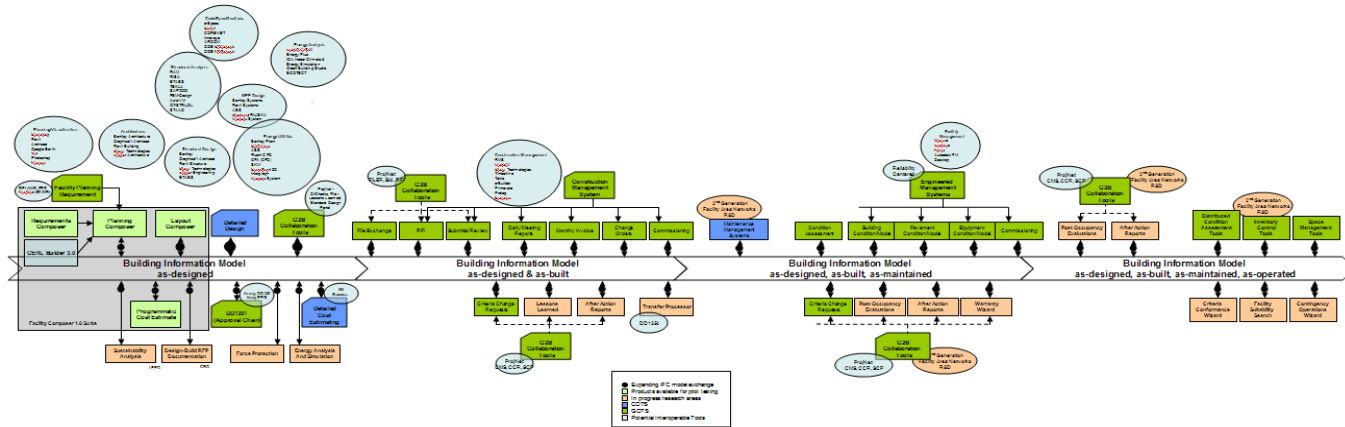
openINFRA – openBIM FOR THE ENTIRE BUILDING INDUSTRY

buildingSMART Norway status

Architect Kleihues + Schuwerk Gesellschaft von Architekten mbH and Statsbygg

buildingSMART ORGANIZATION

TALLINN – 14.02.2012 – STEEN SUNESEN



buildingSMART SOLUTIONS TODAY - BiM

Focus on design-construction

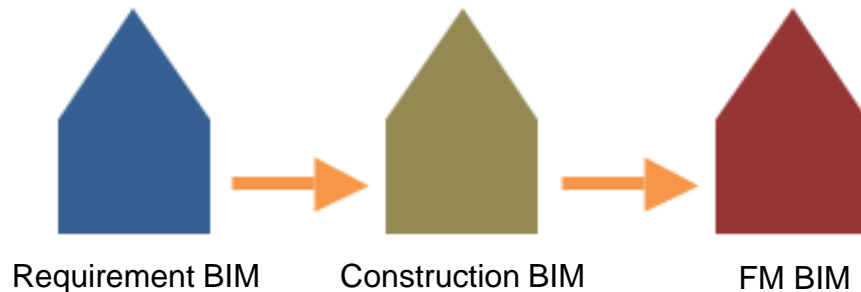
Primarily geometry, relatively little INFORMATION

buildingSMART SOLUTIONS "OF TOMORROW" - BIM

- LCC analysis
- Industrialization
- Product search/Product procurement
- FM

buildingSMART ORGANIZATION

TALLINN – 14.02.2012 – STEEN SUNESEN



NORWEGIAN GOALS

- Finalize bSDD Norwegian concepts
- Implement bSDD in projects
- Expand openBIM to LCC, industrialization, product procurement, FM and ..?

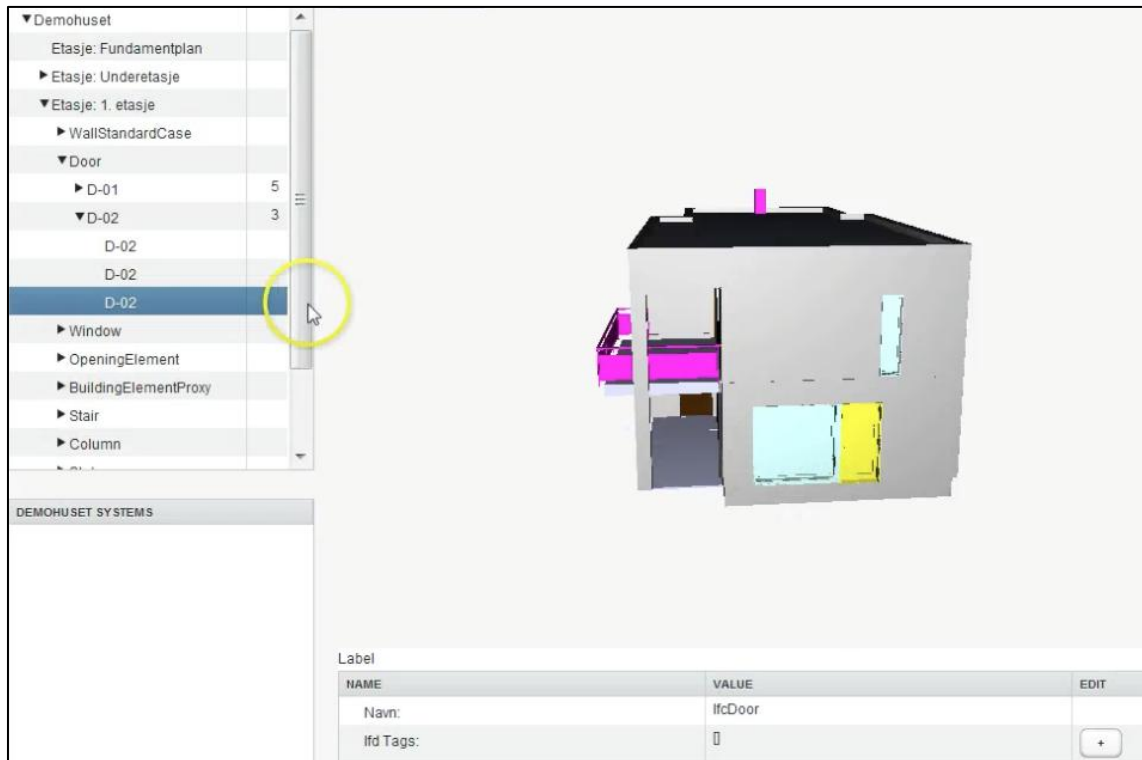
bSDD TEST PROJECT PURPOSE

- Demonstrate functionality and potential.
- Identify and fill gaps in value chain (technology/processes)

buildingSMART ORGANIZATION

TALLINN – 14.02.2012 – STEEN SUNESEN

bSDD ENRICHER



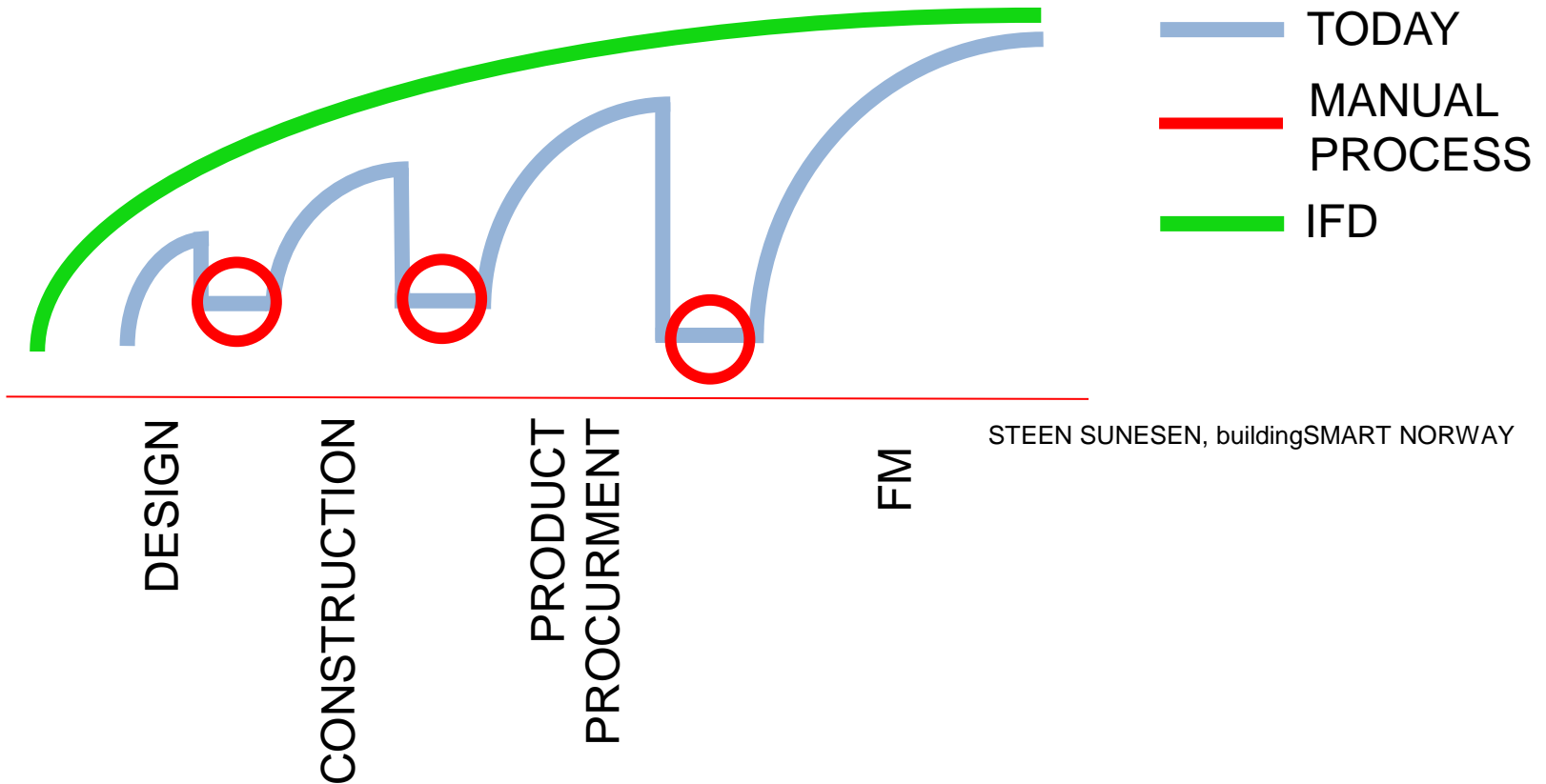
The screenshot displays the bSDD ENRICHER software interface. On the left, a hierarchical tree view shows the structure of a building model. The tree is expanded to show the 'Door' category, with 'D-02' selected and highlighted in blue. A yellow circle highlights the 'D-02' entry. The main area shows a 3D model of a house with a grey facade, a black roof, and a pink balcony. The house has a yellow door and a cyan window. Below the 3D model, there is a 'DEMOHUSET SYSTEMS' section and a 'Label' table.

NAME	VALUE	EDIT
Navn:	IfcDoor	
Ifc Tags:		<input data-bbox="1238 1210 1286 1239" type="button" value="+"/>

buildingSMART ORGANIZATION

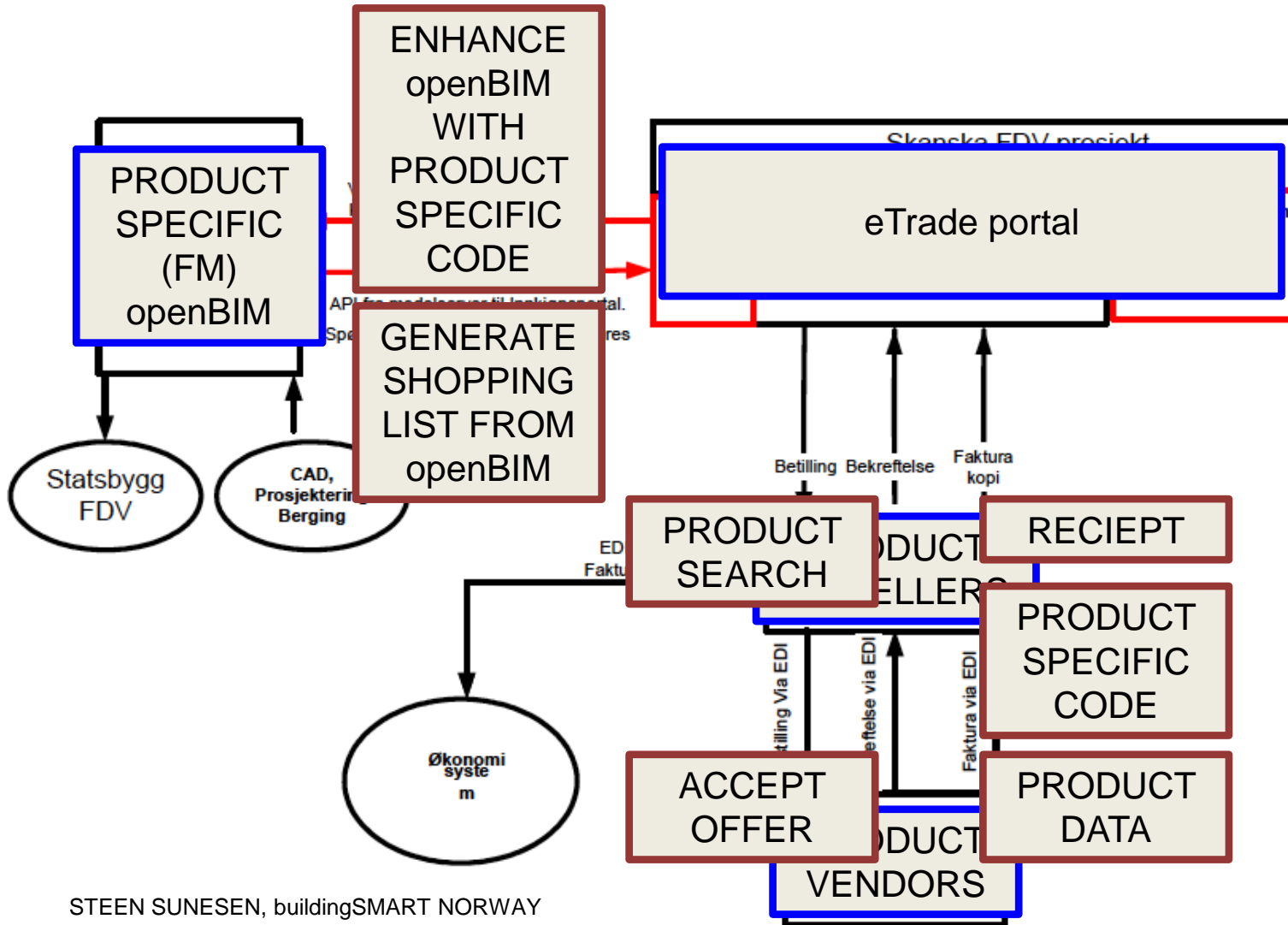
TALLINN – 14.02.2012 – STEEN SUNESEN

DATA DICTIONARY – INFORMATION HIGHWAY



STEEN SUNESEN, buildingSMART NORWAY

openBIM E-TRADE PORTAL



buildingSMART ORGANIZATION

TALLINN – 14.02.2012 – STEEN SUNESEN

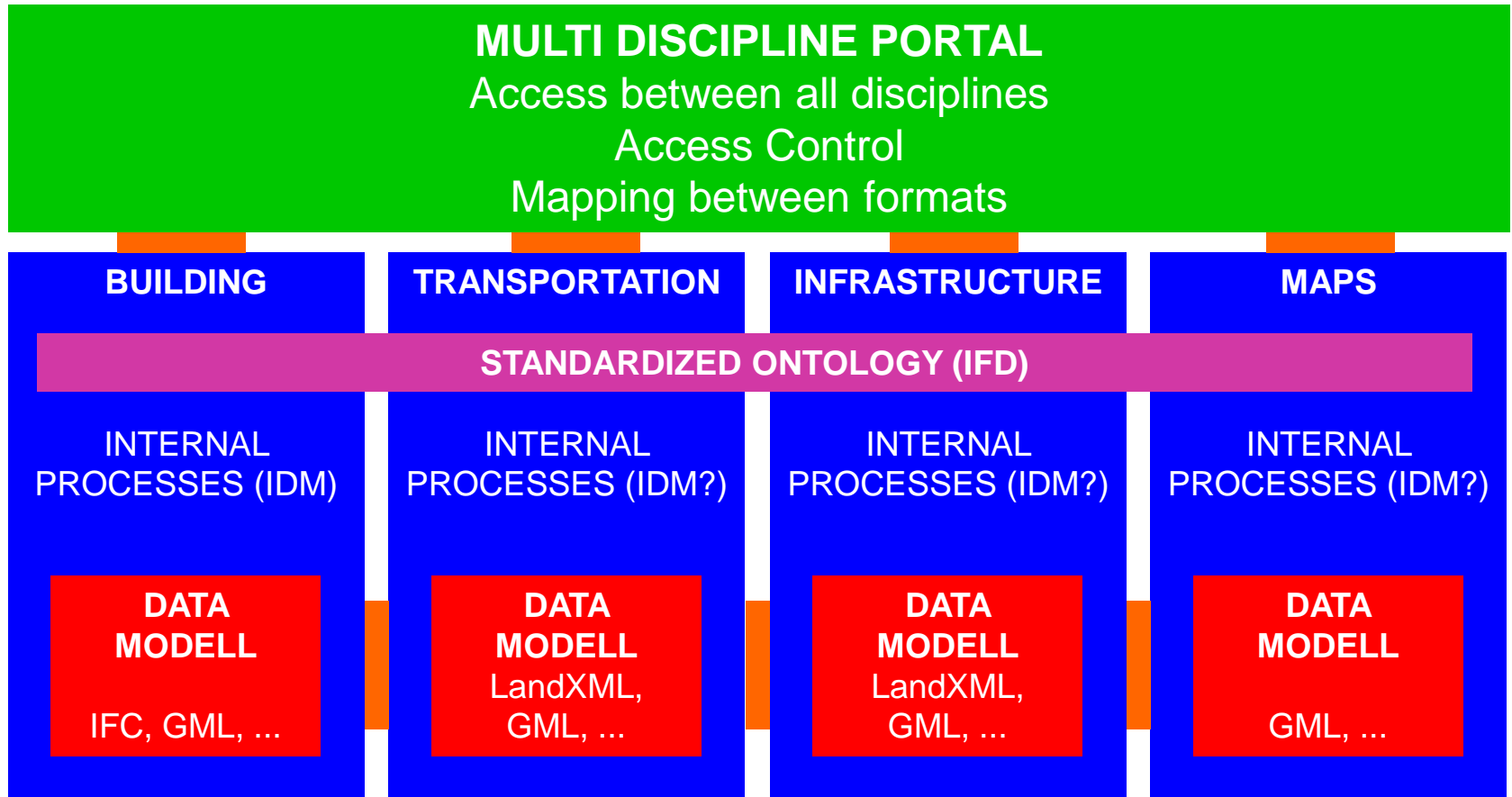
buildingSMART DATA DICTIONARY IMPLEMENTATION IN NORWAY

- bSDD, a natural next step when implementing openBIM
- Commercial value-adding solution in 1-3 years
- Expand use of openBIM to LCC, Industrialization, Product procurement, FM ++
- More products in pipeline: IFD SignOn, biSMART,...
- In corporation with international partners

buildingSMART ORGANIZATION

TALLINN – 14.02.2012 – STEEN SUNESEN

openINFRA - NATIONAL SOLUTION FOR INTEROPERABILITY



buildingSMART ORGANIZATION

TALLINN – 14.02.2012 – STEEN SUNESEN

openINFRA - SOLUTION COMPONENTS

Format = open source, international standard

Terminology/Ontology = Standardized on semantic level (one solution, IFD?)

Processes = Intra-disciplinary and inter-disciplinary (IDM?)

Portal for storage of and access to data = National level

Inter-disciplinary processes and format mapping standardized by defined use-cases.