

Overview on Current Status buildingSMART-International

Prof. Rasso Steinmann

bSI: Board, ExCom, Standards Committees, Software Certification

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Framing – the last 2 1/2 years

Establishing the Strategy & Business Organisation

Our Strategy

The Goal

Enable full benefits from digital
ways of working in the built asset
industry

2014 onwards Building the supports

Standards
Program

Compliance
Program

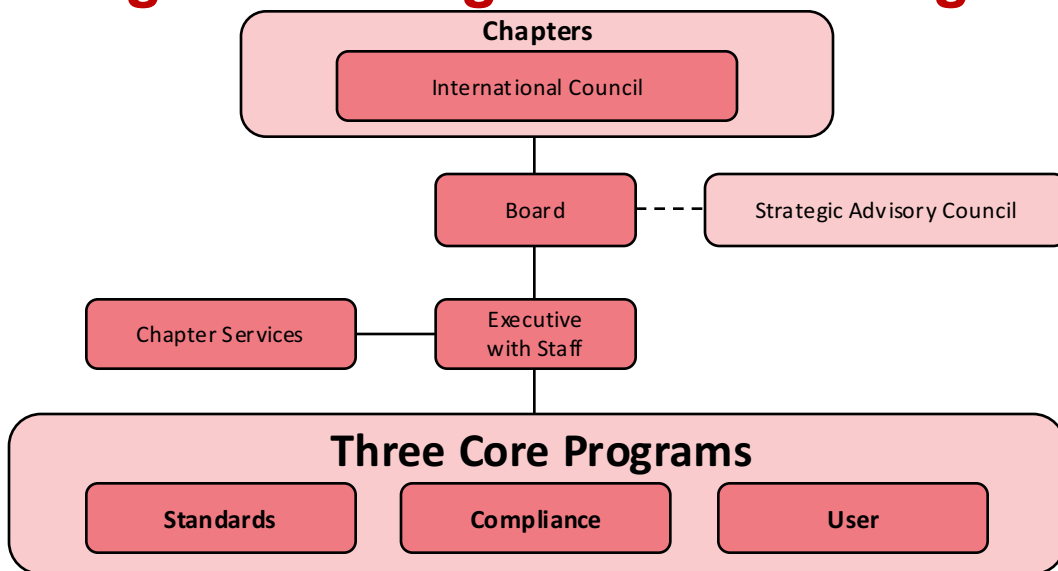
User
Program

Membership

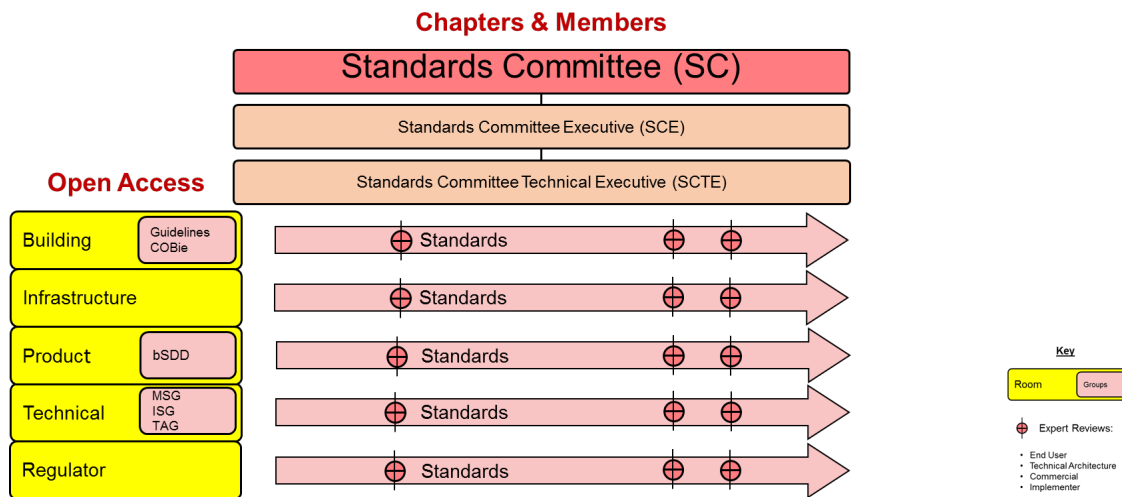
2014 IC Set foundations

Vision & Mission Statement
Operating Vision
Business and Membership model

buildingSMART Organization & Programs



Standards Process Development



Communications

Internet & Intranet & other media

Collaborative working
249 people in the Intranet



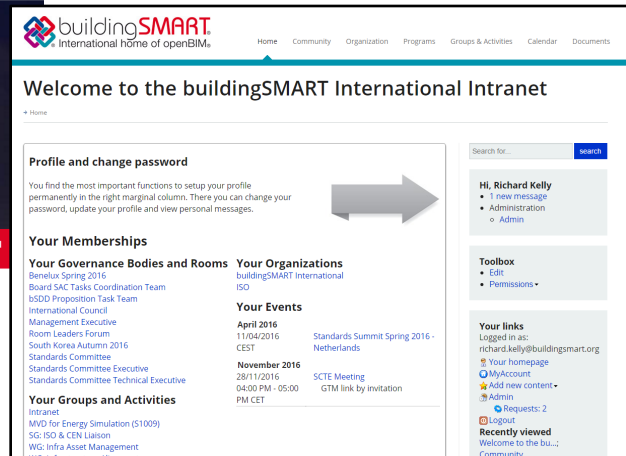
For news updates:

bSI LinkedIn

bSI Twitter

bSI Facebook

bSI YouTube channel



contact@buildingsmart.org

support@bsi-intranet.org



bSI Chapters



Coordinated roles – accelerating benefits

bSI

Leadership & Organisation inc:
Membership framework & rules

Core programs – organisation &
leadership

Web enabling: internet & intranet

International marketing & senior
influencer engagement

Benefits

Government,
business &
academia
support

Active use
open BIM

Development &
implementation
open
Standards

Benefits to the
built asset
industry

Chapters

In Country leadership

Generate support at the highest levels of
government, academia & business

Engagement with and Deployment to Users

Local solutions & localisation

Advanced implementation: work within bS
International programs
Standards
Compliance
User / Chapter

Engagement

Partners



National Programs



bSI Members

ARUP



NEMETSCHEK
GROUP



Rijkswaterstaat
Ministry of Infrastructure and the
Environment



MEDI@CONSTRUCT



NATSPEC Construction Information

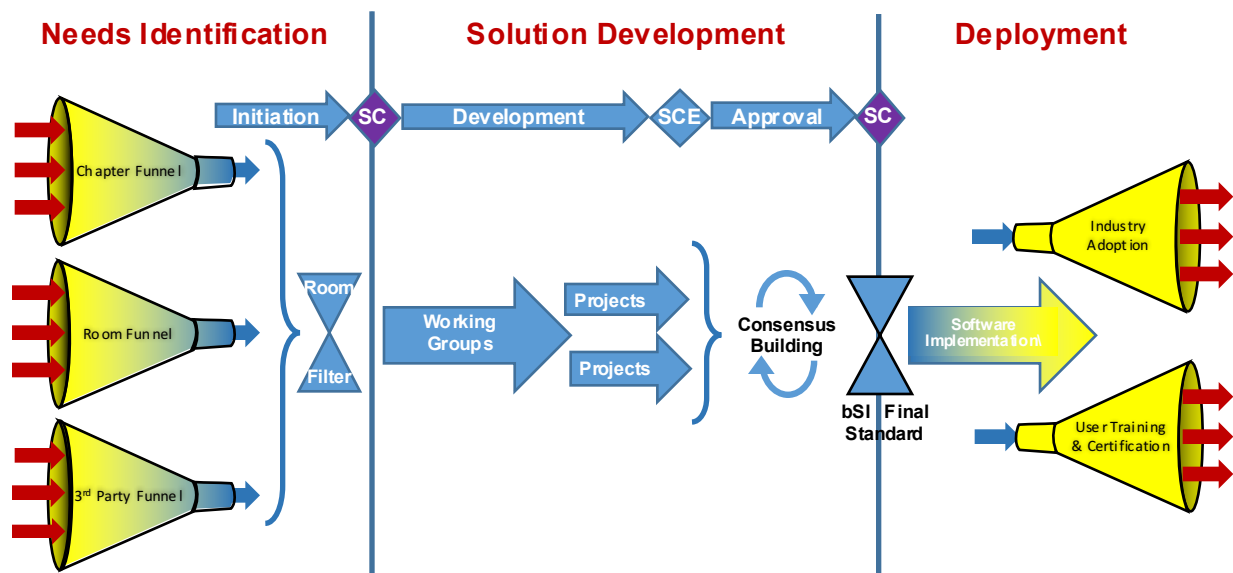
Latvian
BIM
Union



The work program

Managing the activities

Standards: International Harmonization



Developing Standards

Securing the value proposition and getting others involved

Developing Standards

Current Activities

Building	Infrastructure	Product	Technical	Regulatory	Special Purpose
ISO IDM Standard	IFC4 Infra alignment 1.0 (Deployment)	IFC mapping into bSDD	Linked building data ifcOWL	E-submission common guidelines	Marketing IFC today
IDM for building programming	IFC Alignment next phase 1.1	Data dictionary enabler	mvdXML Trust in BIM deliverables	Automated code checking	Develop IFC for design & construction
Global BIM guide wiki	IFC Road & Rail	Product templates and BIM objects	[Augmented reality]		People & process certification
MVD FM Handover	IFC Asset Management	IFC Primer. Real life object mapping			bSI PAS Korean & Chinese Road Rail Specification
MVD Energy simulation	IFC Bridge				DfMA & Offsite
MVD Scheduling	Integrated Digital Built Environment				IDM Model Setup
MVD Quantity take off	IFC for Infra Road map				
MVD Annotation	Infra overall architecture				
IDM Curtain walling					
IDM Configurator					

Developing Standards

Snap Shot

- 46 Standards Committee members / voters
- 34 Activities in progress
- 9+1 Final Standards & Final Technical Report endorsed
- 14 Initiatives being created
- 10 Activities at Standards Proposal stage
- 6 Activities in Development phase
- 4 Special purpose projects
- 1 PAS application

Developing Standards

bSI Final Standards

IFC Base Standards ISO

IFC Specifications & Tools

IFC 4 Specialist site

IFD Framework for object orientated info ISO

IFC4 Design Transfer view MVD

IFC4 Reference view MVD

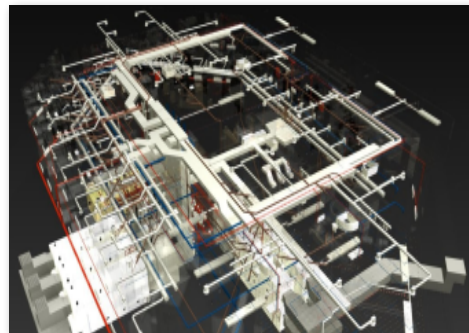
IFC4 Infrastructure Alignment

BCFxml: BIM Collaboration Format XML

BCFapi: BIM Collaboration Format Webservice

bSI Final Technical Report

Model View Definition for LANDXML v1.2



Leveraging our international members

ARUP



- Task1 and 2: Technical Strategy for the IFC family. User benefit articulation.
- Project investment BIM Maturity model

Education and marketing the ROI explanation



Corporate user leadership to influence MVD development

**NEMETSCHEK
GROUP**

Holding us to account - The 7 problems that buildingSMART must address



Proposal for a "Construction Room"



TRAFIKVERKET

Driving pace and rigour. Investment in infrastructure standards to be used for real



Investing in MVD development

Compliance: Making sure it works

Franchised compliance schemes covering:

- Software Certification
- BIM Competence for Individuals
- BIM Competence for Organisations
- BIM Process and Data Quality
- BIM Product Data Quality



Thank-you