

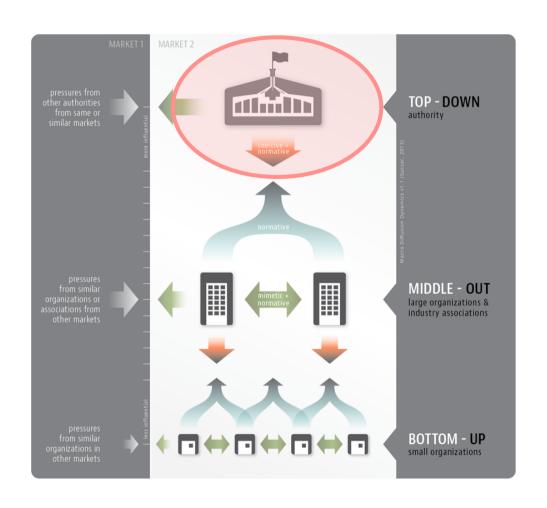
European Leadership in BIM

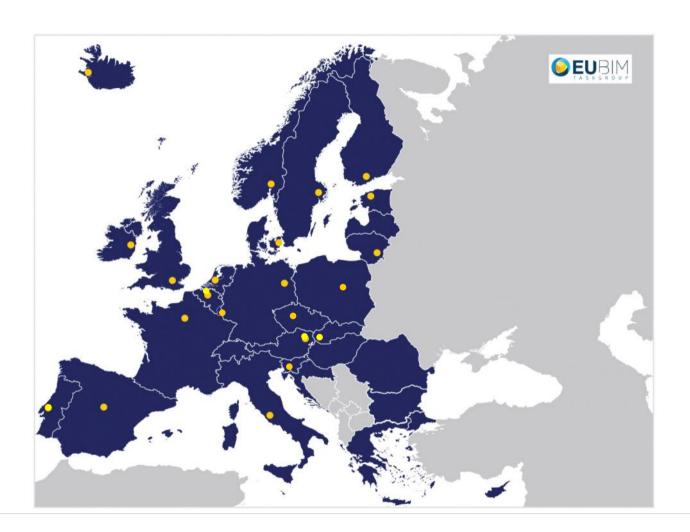
Adam Matthews
Chair, EU BIM Task Group
International Director, UK BIM Task Group

1 December, 2017













Rapidly evolving national digital programmes



Germany	Bundesministerium für Verkehr und digitale Infrastruktur	Norway	≜ STATSBYGG
Finland	Senaatti	Spain	Implantación del BIM en España
France	Plan Transition Numérique dans le Bâtiment	UK	Billiding Information Modelling (BIM) Task Group
Netherlands	Rijkswaterstaat Ministry of Infrastructure and the Environment	Denmark	BYGNINGSSTYRELSEN





Risks of not collaborating









Why collaborate?

- Accelerate national efforts
- Create alignment
- Minimise costs and duplication
- Build impactful and robust programmes
- Open to trade to enable growth
- Encourage international standards developments and software integration







Four Pillars of Government BIM Programs

Grow industry capacity

Early wins, pilot projects, training Increasing use of strategic lever to grow capacity Measure and monitor, case studies, embed change

Communicate vision and foster communities

Engage industry stakeholders Create regional and focus networks Events, media, web, social media

Build a common, collaborative framework

Legal and regulatory framework Data and process standards Skills, tools, guidance

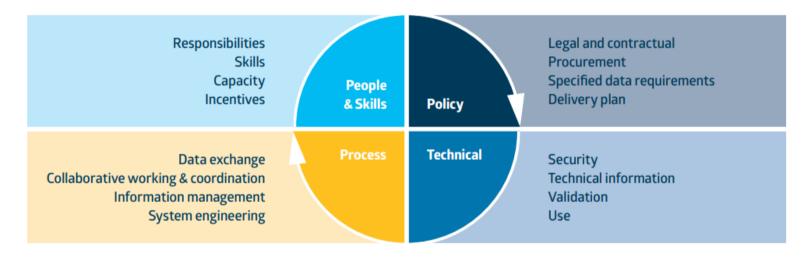
Foundation of public leadership

Compelling drivers, visions and goals
Aligned value proposition and strategy
Sponsor, funded programme, stewardship team

© 2016 Matthews

Common definition





Public Leadership







Austria
Belgium
Croatia
Czech Republic
Germany
Denmark
Estonia
Spain
Finland
France
Ireland







Iceland





- Deliver greater value for public money: build more for the same
- Increased openness, fairness, competitiveness and productivity
- Stimulating innovation and growth in the construction and digital sectors
- Grow digital construction market for trading regionally and with the rest of the world





Global business case for BIM

- Economic: increase productivity, potential for growth, enhance position of European industry on international markets (construction, IT), ...
- Environmental: less waste, lean supply chain, lower energy demands, lighter carbon footprint, ...
- Social: facilities aligned with societal needs, job creation

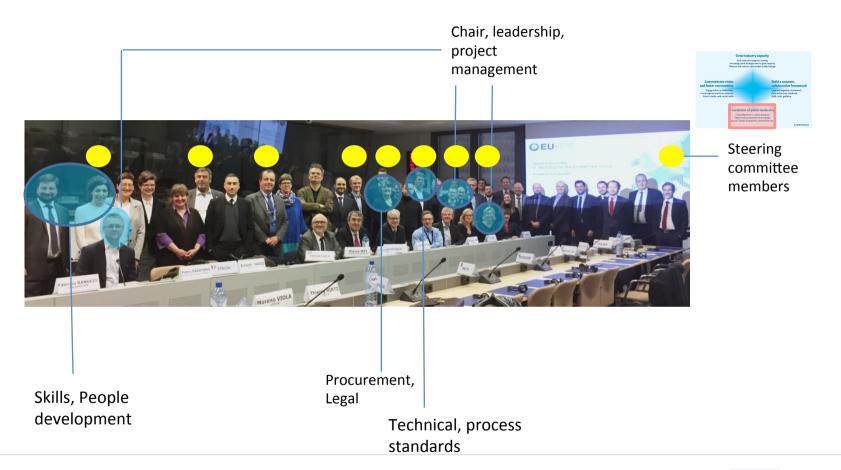


What kind of savings are possible on the € 1.2 trillion?

What does BCG forecast?











Communication and Communities: Engaging People







Engage clients and industry









Defining BIM: Standards, tools and guides

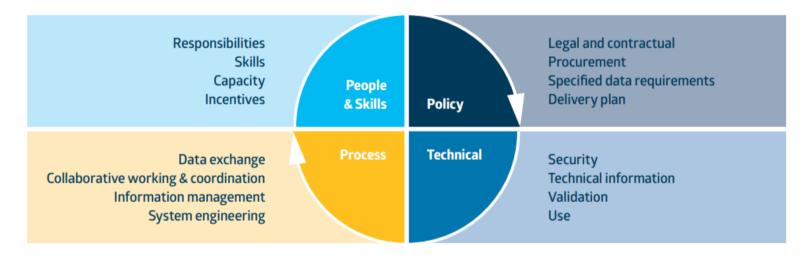






Common definition





Legal Issues

Grow industry regardly

Less was not proposed, some of the control of the control

- Obligations of the Employer
- Information manager
- Intellectual property
- Limitations and liability





Technical and Process

- Information Management



- Data Exchange format
- Common data environment

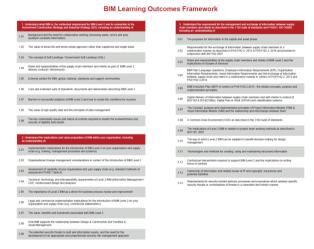






Upskilling and people development

- Learning outcomes
- Industry response
- Client skills
- Certification

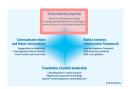








Building Capacity: Clients and industry







So far... Phase 1

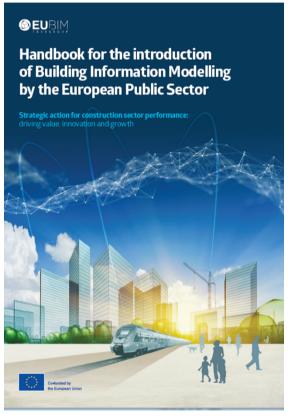


www.eubim.eu/handbook



- 20+ nations
- 15+ languages

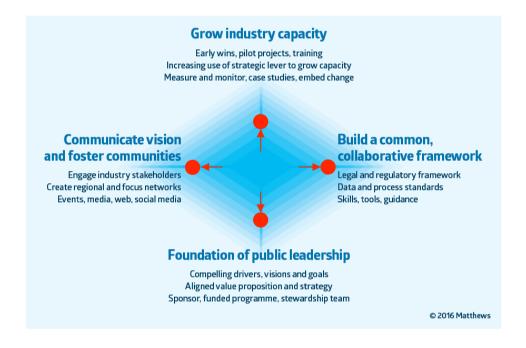








Phase 2... 2018+









Leadership in Europe

- Public leadership growing
- Accelerating national adoption
- Growing demand for standards





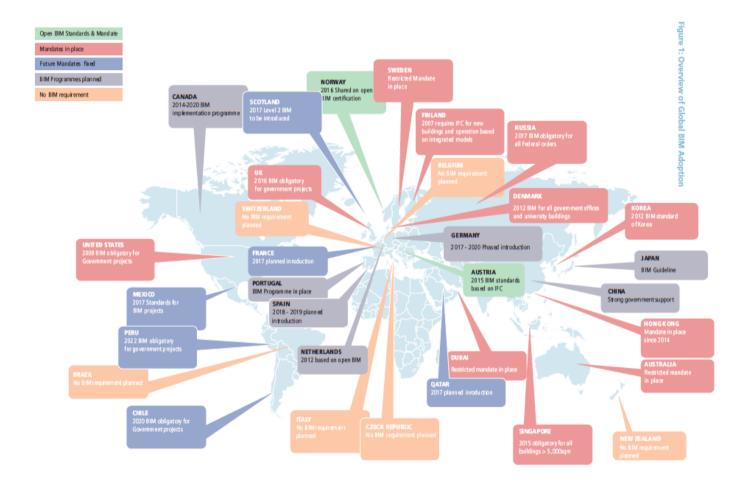
Bringing together national efforts into a common and aligned European approach to develop a world-class digital construction sector

EU BIM Task Group www.eubim.eu

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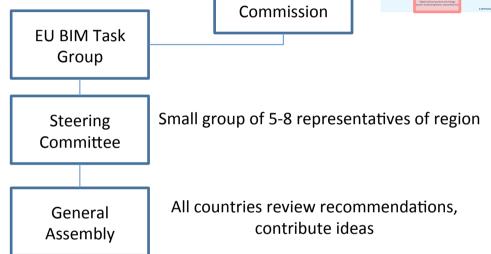
EU BIM Task Group











European





Sponsor

European Commission with support from home nations

Strategy

Public sector group to gather European expertise to evaluate and develop an aligned introduction and definition of BIM



Goal

By 2017: Build understanding and common framework for BIM in the public sector

Implementation Plan

- 1. Survey existing European practice
- 2. Grow the public sector community and knowledge sharing
- 3. Develop a handbook
- 4. Increase capacity of the public client



