

# **RIBA Knowledge Communities**

Why a Knowledge Community?

## **RIBA Knowledge Communities**

Why a Knowledge Community?

**“A professions’ greatest asset is knowledge and we have to reform such that the knowledge community is at the centre”**

**“we need to engage RIBA members more and to strengthen the base from which the RIBA takes policy ideas”**

What is a 'knowledge community'?

**A knowledge community is a group of people who are engaged in capturing, sharing, and applying professional knowledge.**

**The RIBA Knowledge Communities project provides a vehicle for advancing specialist areas of interest in architecture and the built environment.**

## Key Features

- Intuitive
- Collaborative
- Networked
- Engaging
- Representative
- Content-rich
- Personalised

## Key Benefits

**Specialisation ,**

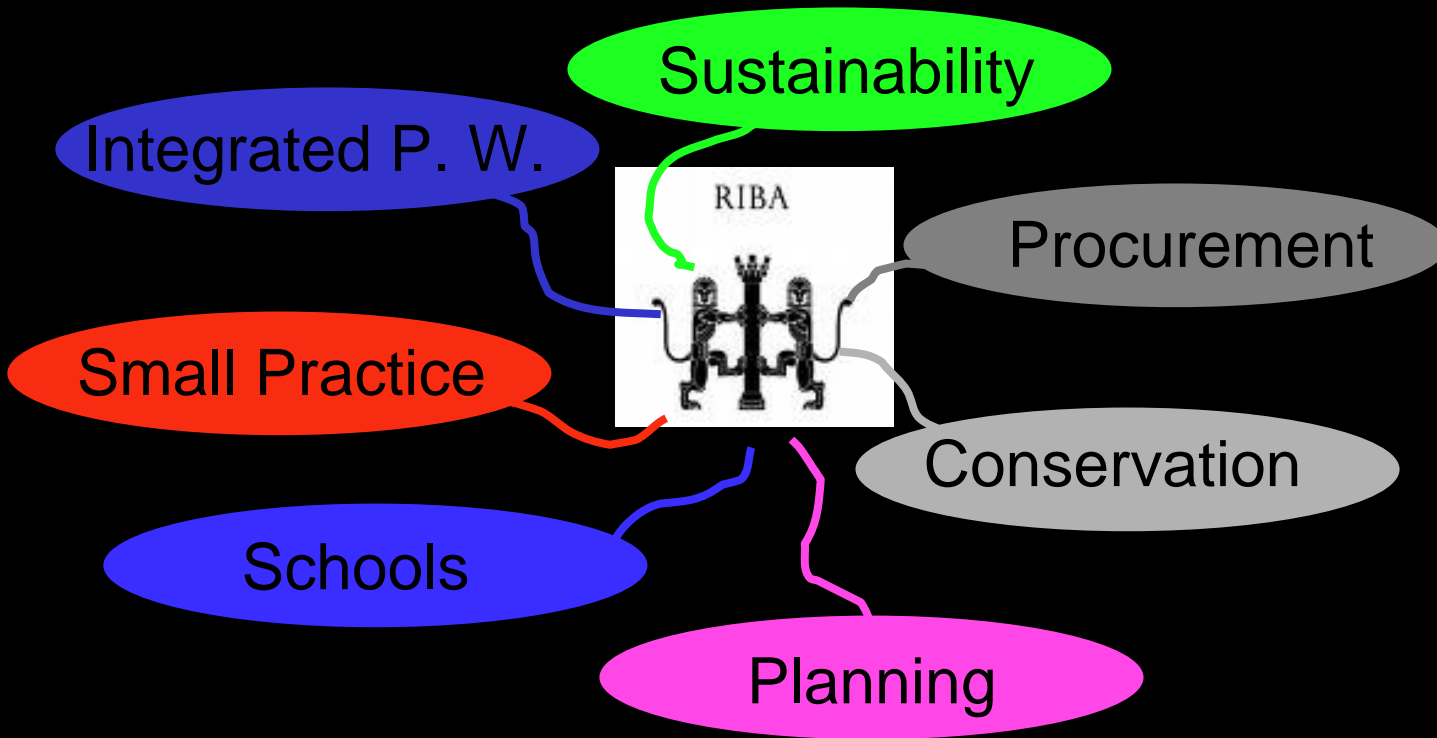
**Sharing and building upon professional expertise,**

**Access to resources and expertise wherever based.**

**More engaged membership,**

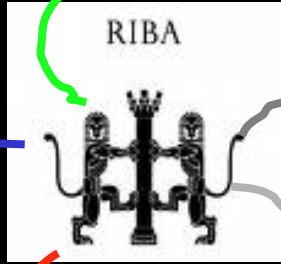
**More representative policymaking,**

**Higher visibility,      Wider membership (all classes)**





Sustainability



Integrated P.W.

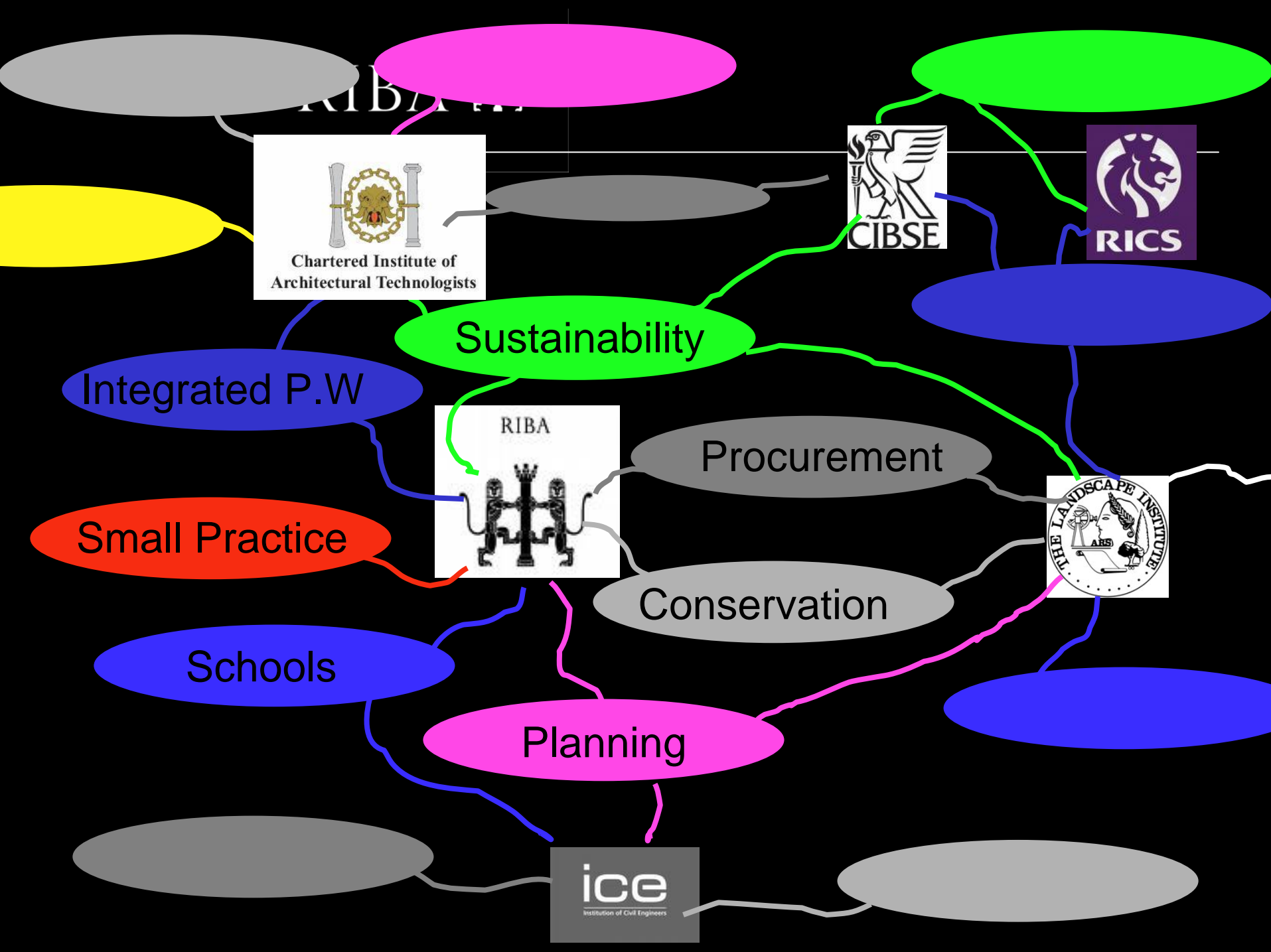
Small Practice

Schools

Planning

Procurement

Retail

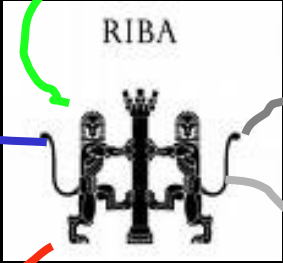
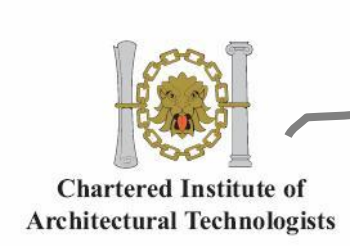


**Sustainability**

Procurement

Conservation

Planning



Integrated P.W

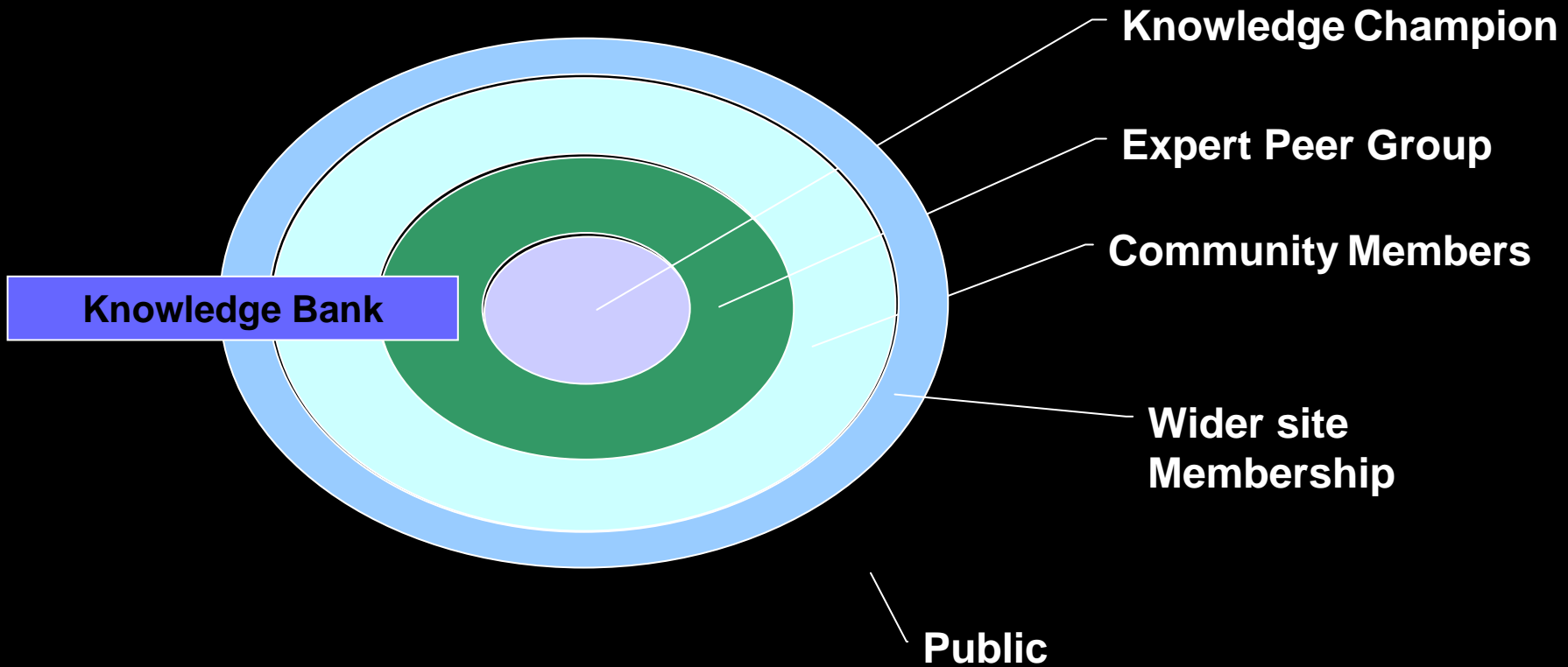
Small Practice

Schools





# Layers



## Knowledge Champion

- Chairs an Expert Knowledge Group
- Liaison with Facilitators as required
- Drives the community's activities

## Expert Peer Group

- Appointed specialists, led by the Knowledge Champion
- Lead on developing policies, channels of communication
- Organising events, encouraging participation
- Face-to-face meetings
- Feedback and guidance
- Liaison with facilitators

## Facilitators

- Assist the 'Knowledge Champion' and 'Expert Peer Group'
- Co-ordinate, guide, and facilitate communities and membership
- Training, documentation, and development of web tools
- Channelling feedback

# Shared calendars

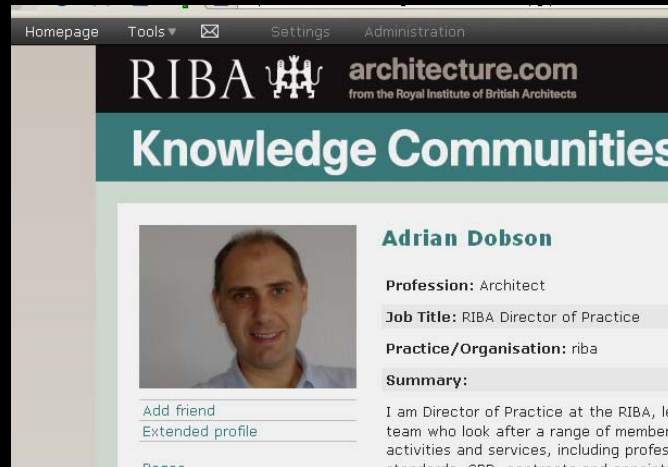


<Prev Today Next>

February 2009

Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28

# Personal profiles




Homepage Tools Settings Administration

RIBA architecture.com  
from the Royal Institute of British Architects

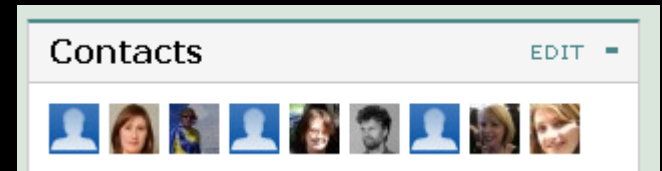
## Knowledge Communities

**Adrian Dobson**



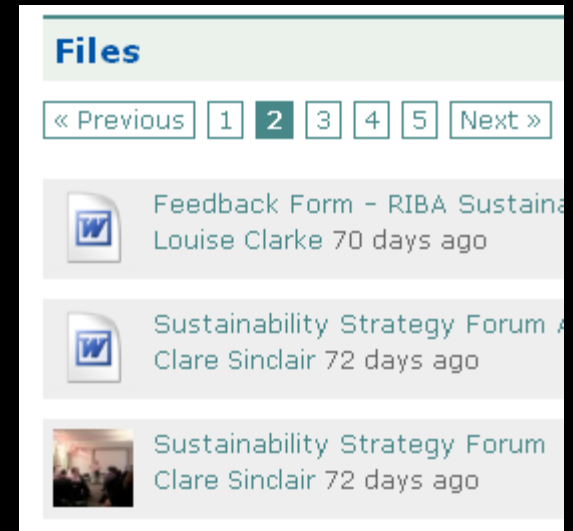

**Profession:** Architect  
**Job Title:** RIBA Director of Practice  
**Practice/Organisation:** riba  
**Summary:**  
I am Director of Practice at the RIBA, leading a team who look after a range of membership activities and services, including professional standards, CPD, contracts and assistance

Add friend  
Extended profile






## Contacts

EDIT



## Files

<< Previous 1 2 3 4 5 Next >>

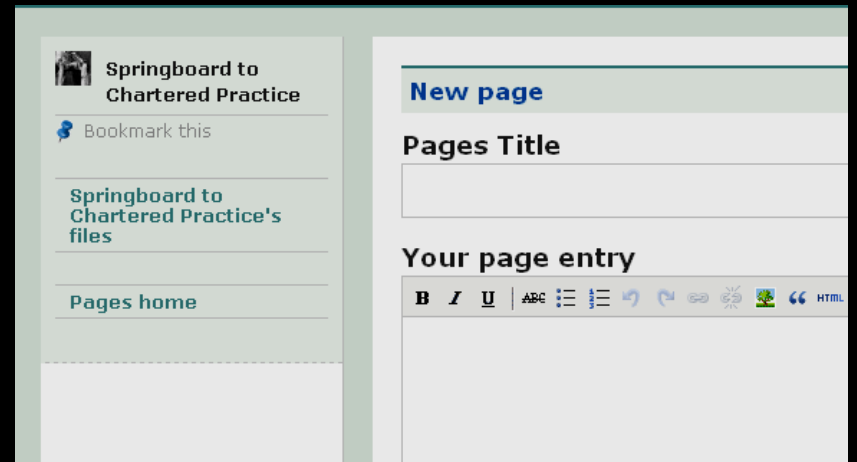
-  Feedback Form - RIBA Sustainability Louise Clarke 70 days ago
-  Sustainability Strategy Forum Clare Sinclair 72 days ago
-  Sustainability Strategy Forum Clare Sinclair 72 days ago



## Latest discussion

-  Group: RIBA/ACA Joint Recovery Task Force  
topic: Government vision of zero carbon after credit crunch
-  Group: Integrated Project Working  
topic: Visualisation of Architecture courses
-  Group: Sustainability Knowledge Community  
topic: Merits of Heat Pumps

# Discussion forums



**Springboard to Chartered Practice**

Bookmark this









Springboard to Chartered Practice's files

Pages home

## New page

Pages Title

Your page entry

**B I U** | ABC |         HTML

# Shared editable 'wiki' pages

# Knowledge Communities

Username

Password

[Log in](#)

Remember me

## Welcome!

RIBA Knowledge Communities is a professional network for RIBA members, co-professionals, and staff at the Royal Institute of British Architects (RIBA). This resource for knowledge sharing and collaboration is an initiative led by the RIBA Research & Development Department.

**This site is in beta - join in and give us feedback!**

[Contact us](#) for more information or to register.

# Knowledge Communities

## Community membership EDIT ▾



test



Regulations, Standards,  
Health and Safety



International Knowledge  
Community



Springboard to Chartered  
Practice

## Event calendar EDIT ▾



### Conference on BIM - WATCH THIS SPACE

A thought provoking conference on BIM is being planned by RIBA and BSRIA  
26 Jun 2009

## File widget EDIT ▾



RIBA Response: Eco-town: Living a greener future consultation  
32 days ago

[More files](#)

[Edit page](#)

## Contacts EDIT ▾



## Activity EDIT ▾

### Contacts

-  Bill Getting posted "test wire post" on the wire. (2 days ago)
-  Bill Getting wrote a new blog post titled test blog post (2 days ago)

## Recent bookmarks EDIT ▾



RIBA Knowledge Communities: Construction (Design and Management) Regulations 2007  
Clare Sinclair 24 days ago  
[More](#)

[Bookmarks inbox](#)

## Knowledge Communities

### Integrated Project Working

-  Subscribe to feed
-  Bookmark this
-  Report this

[Extended profile](#)

[Edit community](#)

[Invite contacts](#)

[Community forum](#)

[Manage community membership](#)

[Community pages](#)

[Community files](#)

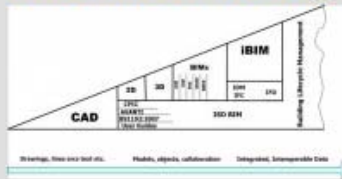
[Community calendar](#)

### Community pages

-  Resources
  - Online articles
  - Books
  - Case Studies

-  Workload - BIM vs CAD

### Integrated Project Working



### Community members (90)



[All members](#)

#### Description:

Welcome to the RIBA Knowledge Community on Integrated Project Working. Topic areas led by this Knowledge Community are Building Information Modelling (BIM), Project Information, and Design Management. We'd be interested to hear from community members about what you think we should be addressing under these headings. [Action Plan 2009](#).

The Community has been enabled by some start-up funding from [BERR](#) and we are extremely grateful for this. The paper "[Drawing is Dead – Long Live Modelling](#)" is the opening piece for the Knowledge Community. It proposes a definition which is inclusive of a diagram explaining the evolution from 2D CAD to integrated and interoperable BIM.

Issuing information from design teams to construction teams is crucial to the overall success of projects but has historically not been developed to its proper potential. We need to seriously consider if we are ready for radical change with the move from traditional drawing production to Building Information Modeling (BIM). It can be argued that the apparent weaknesses in the traditional way of working are likely to amplify if BIM is not introduced in an 'intelligent' way and this Knowledge Community can do much to promote this.

**Facilitators:** [Diane Dale](#) (CIAT), [Sarah Delany](#) (CPIC) and [Keith Snook](#) (RIBA).

**Knowledge Champion:** [Nick Willson](#)

**Expert Peer Group:** [Adrian Dobson](#), [Douglas Smith](#), [William Sutherland](#)

**Technical support:** [research@inst.riba.org](mailto:research@inst.riba.org)

**Co-professional organisations:** [Building Smart](#), [Construction Project Information Committee](#), and the [Institution of Civil Engineers](#).




**Sub-communities:**

[Edit](#)



# Knowledge Communities

 **Sustainability Knowledge Community**

-  [Subscribe to feed](#)
-  [Syndicate OpenDD](#)
-  [Bookmark this](#)

[Add event](#)

[Leave community](#)

[Community forum](#)

[Community pages](#)

[Community files](#)

[Community calendar](#)

## Event calendar

- Day
- Week
- Month

Month: **March 09**

[Transforming the Metropolis: Creating Sustainable and Humane Cities](#)

What does our urban future promise? How can urbanization provide answers to the ecological, social, and economic issues of the 21st century?

2 Mar 09 - 4 Mar 09

[Ecobuild](#)

Ecobuild is the world's biggest event dedicated to sustainable design, construction and the built environment

3 Mar 09 - 5 Mar 09

[Beyond Kyoto: Addressing the Challenges of Climate Change](#)

Science meets Industry, Policy and Public

5 Mar 09 - 7 Mar 09

[ParkCity](#)

"Investing in communities as if the environment mattered"

24 Mar 09 - 25 Mar 09

<Prev		Today					>Next	
March		2009						
Su	Mo	Tu	We	Th	Fr	Sa		
1	2	3	4	5	6	7		
8	9	10	11	12	13	14		
15	16	17	18	19	20	21		
22	23	24	25	26	27	28		
29	30	31						



- Subscribe to feed
- Bookmark this
- Report this

### Page history

### Page navigation

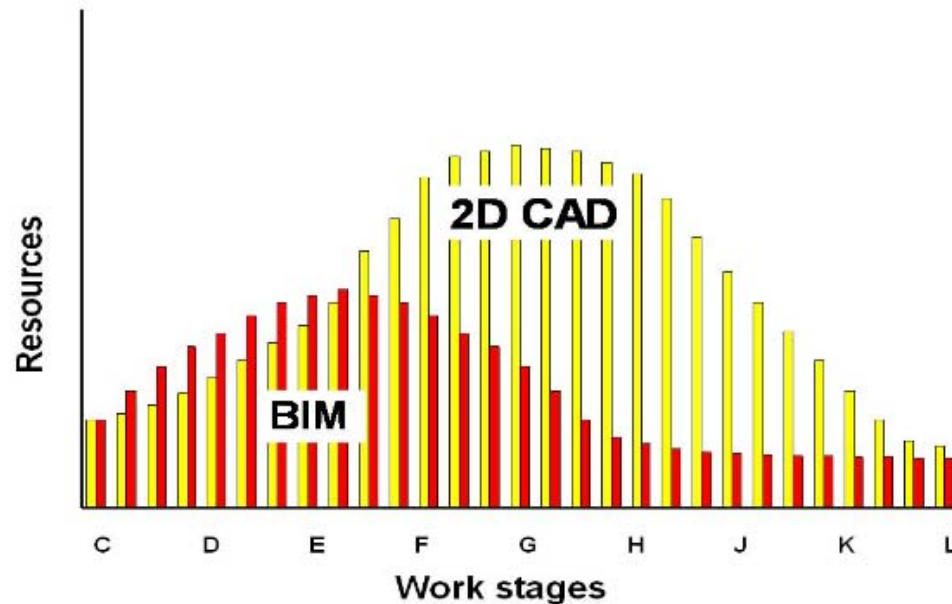
Workload - BIM vs CAD

Pages home > Workload - BIM vs CAD

## Workload - BIM vs CAD

A hot topic of conversation among architects is the effect on the normal working programme of preparing a model rather than drawings – particularly on small projects.

Richard Saxon has developed the simple illustration in the attached slide as a hypothesis of what the effects of using BIM should be. It suggests that the amount of work involved in preparing a model does indeed move to earlier on the timeline but also that (presumably when one is fully proficient) the amount of work – the area under the curves - is less. What is your view?



Last updated 64 days ago by Keith Snook

### Comment

Embed / upload media

**B** *I* U | ABC ☰ ☰ ↶ ↷ 🔗 🌐 🗨️ HTML

# Knowledge Communities



[Add contact](#)

[Extended profile](#)

[Pages](#)

[Report this](#)

[Blog](#)

[Files](#)

[Send a message](#)

## Areas of Expertise:

maximising the effectiveness of technology within the architectural & engineering workflow, cad file formats, document exchange, structural and architectural modelling, project collaboration, bim, CAD

**Interests:** Reading, movies, aikido - oh and i've been known to enjoy a glass of wine or two

## Nigel Davies

**Profession:** CAD & BIM consultant

**Job Title:** Director

**Practice/Organisation:** Evolve Consultancy

### Summary:

Nigel has 20 years' extensive experience within the AEC industry. He has unique insight and first-hand understanding of cutting-edge design and construction data production and exchange practices.

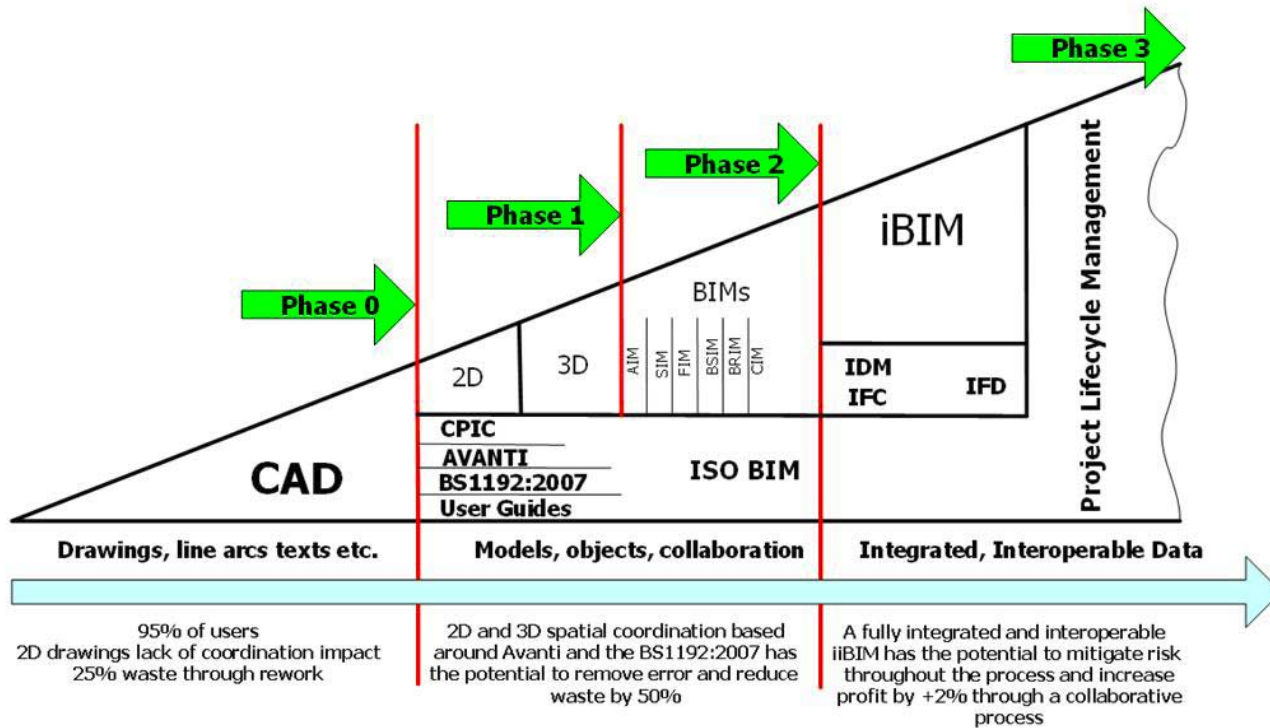
Trained originally in structural engineering, Nigel appreciates the need for reality-based solutions to aid the project design process. He has accrued invaluable experience in engineering and architecture through his work on notable projects including the Millennium Dome (or the O2 Arena, depending on your age) and the BBC Broadcasting Centre redevelopment.

Nigel has worked full-time for a number of world-renowned practices such as Buro Happold and Ramboll Whitbybird, and as a consultant has provided pivotal services to high-profile clients including Feilden Clegg Bradley, Kohn Pedersen Fox, Nightingale Associates and Rogers Stirk Harbour + Partners.

Nigel regularly presents to major conferences in the US/UK and features in industry press. He is also chair of the AEC (UK) CAD Standards Initiative, developing off-the-shelf protocols, based on British Standards, for the structuring and exchange of design documentations.

**Email address:** [nigel@evolve-consultancy.com](mailto:nigel@evolve-consultancy.com)

**Website:** <http://www.evolve-consultancy.com>





# Building Information Modelling – what is it really?

Friday 26 June 2009, Jarvis Hall, RIBA, 66 Portland Place, London W1B 1AD

A conference organised by BSRIA and the RIBA, and supported by Autodesk



RIBA 

---

[www.riba-knowledgecommunities.com](http://www.riba-knowledgecommunities.com)

[research@inst.riba.org](mailto:research@inst.riba.org)