



 buildingSMART®



# International Standards Summit London 2017

## Overview

### Monday 30 October

Plenary Sessions

Dinner & openBIM awards

### Tuesday 31 October

Workshops

### Wednesday 1 November

Workshops

### Thursday 2 November

Plenary Sessions



## Welcome

We know people come to our events to collaborate, and because we are a neutral, not for profit company we have a non commercial policy within all of our programs.

In this booklet you will find the agenda for the event, names of the plenary speakers and some other useful information about the social aspects.

All the documents from the event will be available to you using a facility called Sharefile. The link for this will be emailed to you. All the details contained in this booklet and more besides are available on our website events page:



website

[www.buildingsmart.org/event/international-summit-london-uk-2017](http://www.buildingsmart.org/event/international-summit-london-uk-2017)

The bottom of the webpages contains links to our digital media platforms (Linked In, Twitter, Facebook, Youtube).

On Twitter use #bSILON2017



WhatsApp

We also have a WhatsApp group for you to join.

If you have any questions then please ask us or one of our volunteers from Middlesex University.

You can email us at [contact@buildingsmart.org](mailto:contact@buildingsmart.org)

We hope you have a very productive time and we look forward to seeing you again at our next Summit in Paris.

**Richard Kelly**  
Operations Director

**Sheila Kerai-Lum**  
Business Administrator

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## Monday 30 October: Plenary AM

**Venue:** Kelvin Lecture Theatre

10.30 - 10.40

**Introduction**

**Richard Kelly**

buildingSMART International

10.40 - 11.00

**Chief Executive welcome**

**Richard Petrie**

buildingSMART International

11.00 - 11.30

**The application of openBIM in China's railway programme**

**Liming Sheng**

Engineering Management Centre, China Railway

11.30 - 12.00

**Digital Built Britain**

**Mark Bew**

HM UK Government

12.00 - 12.30

**Delivering digitally unified terminology through data dictionary developments**

**Lars Fredenlund & Sigi Wernik**

CoBuilder / buildingSMART Norway & buildingSMART Germany /  
DhochN Digital Engineering GmbH

12.30 - 13.00

**Status of openBIM in the United Kingdom**

**Anne Kemp**

buildingSMART United Kingdom & Ireland / UK BIM Alliance / Atkins

13.00 - 14.00

**Lunch**



## Monday 30 October: Plenary PM

- 14.00 - 15.15** **Delivering Industry solutions. Presentation & panel discussion**  
Standards Programme – **Richard Kelly** buildingSmart International  
Airport Room – **Alex Worp** Schiphol Airport  
Infra Room – **Christophe Castaing** Egis  
Building Room – **Ricardo Bittini** Ferrovia Agroman  
Construction Room – **Ken Endo** Kajima Corporation  
Product Room – **Roger Grant** NIBS  
Regulatory Room – **Øivind Rooth** Norway Building Authority DiBK  
Facilitator – **Mark Baldwin**  
Room leaders for buildingSmart International
- 15.15 - 15.45** **Break - Group photo on the stage**
- 15.45- 16.05** **Software Certification IFC4 Launch**  
**Rasso Steinmann** buildingSMART International / iabi
- 16.05 - 16.25** **Professional Certification Individual Qualification Launch**  
**Mark Baldwin**  
buildingSMART International / Mensch und Maschine
- 16.25 - 17.00** **openBIM Case Studies from Norway BIM and IFC Case Studies**  
**Dag Runar Båtvik** Norgeshus  
**Bjørnar Markussen & Ole Kristian Kvarsvik** Oslo Airport T2
- 17.00** **Close**
- Riverside Room 3rd Floor**
- 19.00 - 22.00** **Welcome dinner including openBIM Awards**



## Tuesday 31 October: Workshops AM

		Technical Focus Rooms			User Focus Rooms			bSI General
		Building Room	Infrastructure Room	Product Room	Regulatory Room	Construction Room	Airport Room	
Room		Riverside 1	Mountbatten	Riverside 2	Wedmore	Riverside 4	Riverside 5	Siemens
08:30 - 9.00		Registration: Riverside Room Foyer, 3rd Floor						
09:00 - 10.30	Session 1	<b>BR1</b> Introduction to open audience	<b>IR1</b> InfraRoom Opening (User & Technical)	<b>PR1</b> Product Room Opening Plenary	<b>RR1</b> Planning & coordination	<b>CR1</b> Opening Plenary	<b>AR1</b> Opening Plenary	
10.30 - 11.00		Break						
11:00 - 13.00	Session 2	<b>BR2</b> Introduction to open standards, UK perspective	<b>IR2</b> Infra Asset Management (User) & IDBE (User)	<b>PR2</b> Product Room Projects and Standards		<b>CR2</b> Common Data Environment (CDE)	<b>AR2</b> The Airport Document	<b>bG1</b> IFC Strategy
13:00 - 14.00		Lunch: Riverside Room Foyer, 3rd Floor						



## Tuesday 31 October: Workshops PM

		Technical Focus Rooms			User Focus Rooms			
		Building Room	Infrastructure Room	Product Room	Regulatory Room	Construction Room	Airport Room	bSI General
Room		Riverside 1	Mountbatten	Riverside 2	Wedmore	Riverside 4	Riverside 5	Siemens
* Session 4 for BR, IR, PR & AR in Riverside 1,2 & 3 (partitions removed)								
14.00- 15.30	Session 3	<b>BR3</b> IFC Rebar & Precast Working Group	<b>IR3</b> Common Schema Requirement (User)	<b>PR3</b> Terminology Tools	<b>RR2</b> Regulatory Room BIM & ePermit seminar	<b>CR3</b> IoT with BIM (Platform)	<b>AR3</b> The Airport Document – Annexes	<b>bG2</b> International User Group Meeting
15.30 - 16.15	Break							
16:15 - 18.00	Session 4	<b>BR4</b> Use Cases IFC & Linked data *	<b>IR4</b> Use Cases IFC & Linked data *	<b>PR4</b> Use Cases IFC & Linked data *	<b>RR3</b> Regulatory Room BIM & ePermit seminar	<b>CR4</b> IoT with BIM (Use of IoT BIM in Construction Site)	<b>AR4</b> Use Cases IFC & Linked data *	<b>bG3</b> openBIM enabling DfMA Lean
18.00	Close							



## Wednesday 1 November: Workshops AM

		Technical Focus Rooms			User Focus Rooms			
		Building Room	Infrastructure Room	Product Room	Regulatory Room	Construction Room	Airport Room	BSI General
Room		Riverside 1	Mountbatten	Riverside 2	Wedmore	Riverside 4	Riverside 5	Siemens
09:00 - 10.30	Session 1	<b>BR5</b> MVD Model Set Up	<b>IR5</b> IFC Bridge Expert Panel (Technical)	<b>PR5</b> Content & Quality Management Procedures	<b>RR4</b> Automated Code Checking WG	<b>CR5</b> 4D-BIM	<b>AR5</b> Kick-off work sessions	<b>bG4</b> System Architecture & IFC toolkit
		Break						
11:00 - 13.00	Session 2	<b>BR6</b> Case studies and project use, and technical guidance	<b>IR6</b> IFC Rail IFC Road (User & Technical)	<b>PR6</b> Product Data Template	<b>RR5</b> Automated Code Checking WG	<b>CR6</b> AR & MR with BIM	<b>AR6</b> Data & Moments Interfaces	<b>bG5</b> Professional Certification: LoF workshop
		Lunch: Riverside Room Foyer, 3rd Floor						
13:00 - 14.00								



## Wednesday 1 November: Workshops PM

		Technical Focus Rooms			User Focus Rooms			
		Building Room	Infrastructure Room	Product Room	Regulatory Room	Construction Room	Airport Room	bSI General
Room		Riverside 1	Mountbatten	Riverside 2	Wedmore	Riverside 4	Riverside 5	Siemens
14:00 - 15:15	Session 3	<b>BR7</b> MVD Update (QTO, Energy Simulation & Scheduling)	<b>IR7</b> Kick-off: IFC Ports & Harbours IFC Tunnel	<b>PR7</b> Classification workshop	<b>RR6</b> e-submission	<b>CR7</b> User Session (Case Study)	<b>AR7</b> Collaboration Usage during Operation	<b>bG6</b> Professional Certification: LoF workshop
15:15 - 15:30		Break						
15:30 - 17:00	Session 4	<b>BR8</b> LOX Level of Development/ Definition etc	<b>IR8</b> Closing session Meeting outcome overview & resolutions	<b>PR8</b> Closing session	<b>RR7</b> Room summary	<b>CR8</b> Closing session	<b>AR8</b> Closing session & resolutions	
17:00		Close						

## Thursday 2 November: Plenary Schedule AM

- Venue:** Turing Lecture Theatre
- 09.30 - 09.40** **Introduction**  
**Richard Petrie** buildingSmart International
- 09.40 - 10.00** **Standards Programme overview**  
**Richard Kelly** buildingSmart International
- 10.00 - 11.00** **IFC in the UK: Hinckley Point C Nuclear Power Station**  
**Terry Parkinson & Paul Walker** Laing O'Rourke  
**Christophe Castaing** Egis  
**IFC / COBIE workflows** **Adam Ward** BIM Technologies  
**IFC Applications** **Rob Jackson** Bond Bryan
- 11.00 - 11.20** **EU BIM Handbook** **Adam Matthews** EU BIM Task Group
- 11.20 - 11.50** **Break**
- 11.50 - 12.10** **Data Requirements for the construction and management of buildings: a guide for clients**  
**Sarah Davidson** UK BIM Alliance / Gleeds Corporate Services Ltd
- 12.10 - 13.10** **IFC Family Deployment initiatives**  
**Implementors Support Group (ISG)**  
**Jeffrey Ouellette** buildingSMART International & USA / Vectorworks  
**IFC Strategy development**  
**Thomas Liebich** buildingSMART International & Germany / AEC3  
**Open Toolkit** **Greg Schleusner** buildingSMART International & USA / HOK
- 13.10 - 14.00** **Lunch**



## Thursday 2 November: Plenary Schedule PM

- 14.00 - 14.50** **Partner updates**  
**OGC - Carsten Roensdorf & Phil Jackson**  
Ordnance Survey & buildingSMART UK & Ireland  
**ETIM - Halvard Gavelstad** Norsk Byggtjeneste AS  
**CEN - Paul Surin** Wienerberger AG  
**ISO - Kjell Ivar Bakkmoen**  
buildingSMART International & Norway / Sykehusbygg HF / ISO
- 14.50-15.20** **Rooms Summary**  
Actions arising and resolutions, future workplans  
**Room leaders**
- 15.20 - 15.45** **Break**
- 15.45-16.25** **Rooms Summary**  
Actions arising and resolutions, future workplans  
**Room leaders**
- 16.25 - 16.55** **bSI Awards presentations**  
**Susan Keenlside** buildingSMART Canada /  
House of Commons Canada, Real Property Directorate
- 16.55 - 17.00** **Thanks & close**



## Meeting descriptions

This list gives a brief description of the content of each working session to help you make your attendance selection. If you require more information please contact the relevant named person.

### Building Room meetings

For further information contact Ricardo Bittini  
ricardobittini@ferrovial.co

- BR1** Introduction to the Building Room in buildingSMART
- BR2** A presentation of the current adoption of buildingSMART standards from a UK perspective
- BR3** IFC rebar and precast working group launch meeting
- BR4** Introduction to Linked data and how the technology can be applied in a building context
- BR5** Presentation of the Model Set-up project that is specifying how local and global coordinate systems can be used and referenced by IFC
- BR6** Case studies and project use, and technical guidance
- BR7** Status on the development regarding the Model View Definition (MVD) on Quantity Take-off and Energy Simulation. Collecting input to MVD on Scheduling.
- BR8** Presentation of the Level Of X (Development, detailing, information) initiative in buildingSMART and relations to similar standardisation efforts

Attendees may wish to contact the people listed below to ascertain whether a particular meeting is relevant for Technical or User disciplines.

### Infrastructure Room meetings

For further information contact Christophe Castaing  
christophe.castaing@egis.fr

- IR1** InfraRoom Opening address & presentation of progress of Alignment Deployment (User & Technical session)
- IR2** Presentation of Asset management requirements and update on Integrated Digital Built Environment (User session)
- IR3** Joint plenary session with BR, PR & TR: translating user requirements in Use cases on IFC and the use of Linked Data (User & Technical)
- IR4** Common Schema workshop in which the (upcoming) projects IFC Road, Rail, Bridge, Ports & Harbours and Tunnels will start work on identifying the common concepts (User & Technical)
- IR5** IFC Bridge live Expert Panel: the Project Team will present their current progress and ask for expert advice from users, technical experts and software vendors and developers (Technical)
- IR6** IFC Road & IFC Rail workshops (User & Technical)
- IR7** Kick-off sessions for the upcoming projects: Ports & Harbours and Tunnels (User & Technical)
- IR8** InfraRoom Closing: summary of session outcomes & presentation Resolutions autumn 2017 (User & Technical)



## Meeting descriptions

### Product Room meetings

For further information contact Roger Grant  
rgrant@nibs.org

- PR1** Opening Plenary - Working session to prepare for meetings/Review active projects in Room and by Member and Regional Organizations
- PR2** Product Room Projects and Standards - Continuation of Member Projects, review and discussion of related standards projects at CEN and ISO including discussion of updates to ISO 12006-2
- PR3** Terminology Tools - review and discussion of tools for working with terminology including ifc.doc-bSDD integration, bSDD Browser and API, Member tools
- PR4** Linked data Use Cases (User & Technical) Joint with IR&BR - Representative use cases (Bridge data definitions, product data and energy analysis candidates) will be advanced as basis for analysing use of linked data along with other bSI standards
- PR5** Content and Quality Management Procedures Workshop - Methods and approaches for developing and managing quality of content will be reviewed and discussed to assist in establishing guidelines for members use and management of bSDD
- PR6** Product Data Templates WG Status and Working Session
- PR7** Classification Workshop - review of classifications systems including ETIM, OmniClass, UniClass and Ecl@ss and how to use with OpenBIM models
- PR8** Closing session to address technical and implementation issues, resolutions and closing plenary of Product Room

### Regulatory Room meetings

For further information contact Øivind Rooth  
oivind.rooth@dibk.no

- RR1** Planning & coordination
- RR2** Regulatory Room BIM & ePermit seminar
- RR3** Regulatory Room BIM & ePermit seminar
- RR4** Automated Code Checking working group
- RR5** Automated Code Checking working group
- RR6** e-submissionworking group
- RR7** Regulatory Room closing session and next step planning

### bSI General meetings

For further information contact Richard Kelly  
richard.kelly@buildingsmart.org

- bG1** IFC Strategy development
- bG2** International User Group meeting
- bG3** openBIM enabling DfMA & Lean asset management
- bG4** System architecture and IFC toolkit
- bG5** Professional Certification: General overview and update
- bG6** Professional Certification: Learning outcomes framework workshop



## Meeting descriptions

### Construction Room meetings

For further information contact Ken Endo  
endouk@kajima.com

- CR1** Opening Plenary
- CR2** Common Data Environment (CDE)
- CR3** IoT with BIM
- CR4** IoT with BIM (Use of IoT\*BIM in Construction Site)
- CR5** 4D-BIM
- CR6** AR & MR with BIM
- CR7** User Session (Case Study)
- CR8** Closing session

### Airport Room

For further information contact Yannick Vos , Alex Worp, Rob Roef  
airport@buildingsmart.org

- AR1** Opening plenary
- AR2** The Airport document
- AR3** The Airport document annexes
- AR4** Use Cases IFC & Linked data Shared with BR & PR & IR \*
- AR5** Kick off work sessions
- AR6** Data & moments interfaces
- AR7** Collaboration usage during operation
- AR8** Closing session and resolutions



## Speakers

<b>Adam Matthews</b>	Director of International	UK BIM Task Group Digital Built Britain	
<b>Adam Ward</b>	Technology Director / Founding Director	Spacegroup / BIM Technologies	
<b>Alex Worp</b>	Strategic Advisor BIM – Asset Management	Schiphol Airport Group	Airport Room buildingSMART International
<b>Anne Kemp</b>	Director	Atkins	Chair buildingSMART UK & Ireland Chair UK Bim Alliance
<b>Bjørnar Markussen</b>	BIM Coordinator Oslo Airport T2	AAS-Jakobsen	
<b>Carsten Roensdorf</b>	Spatial Data Infrastructure Lead	Ordnance Survey	Open Geospatial Consortium OGC
<b>Christophe Castaing</b>	Programme Director	Egis	Infrastructure Room buildingSMART International
<b>Dag Runar Båtvik</b>	Chief Executive	Norgeshus	
<b>Greg Schleusner</b>	Director of Design Technology Innovation	HOK	buildingSMART International Technical Room
<b>Halvard Gavelstad</b>	CEO	Norsk Byggtjeneste AS	
<b>Jeffrey Ouellette</b>	Senior Architect Product Specialist	Vectorworks Inc	buildingSMART International Implementors Support Group Chair
<b>Ken Endo</b>	Building Construction Management	Kajima Corporation	Construction Room buildingSMART International
<b>Kjell Ivar Bakkmoen</b>	Spesialrådgiver – Senior Civil Servant	Sykehusbygg HF	buildingSMART International Management Executive
<b>Lars Fredenlund</b>	Chief Exective Officer	coBuilder AS	
<b>Liming Sheng</b>	Deputy Director & Chief Engineer	Engineering Management Center, China Railway	
<b>Mark Baldwin</b>	Head of BIM Management Switzerland	Mensch und Maschine	buildingSMART International Program Leader



## Speakers

<b>Mark Bew</b>	Chair Digital Built Britain	HM UK Government	
<b>Øivind Rooth</b>	Technical Director	Norway Building Authority DiBK	Regulatory Room buildingSMART International
<b>Ole Kristian Kvarsvik</b>	Partner	Rendra	
<b>Paul Surin</b>	Head of Digital Built Environment	Wienerberger AG	
<b>Paul Walker</b>	Lead Digital Engineer	Bylor / Laing O'Rourke	
<b>Phil Jackson</b>	Director	IntraTeam IT	buildingSMART Infrastructure Room committee
<b>Rasso Steinmann</b>	Professor & Director	Munich University of Applied Sciences & iabi	Chair buildingSMART Germany / buildingSMART International Board
<b>Ricardo Bittini</b>	Head of Innovation	Ferrovial Agroman	Building Room buildingSMART International
<b>Richard Kelly</b>	Operations Director	buildingSMART International	
<b>Richard Petrie</b>	Chief Executive	buildingSMART International	
<b>Rob Jackson</b>	Associate Director	Bond Bryan Digital	
<b>Roger Grant</b>		National Institute of Building Sciences	Product Room buildingSMART International
<b>Sarah Davidson</b>	Director - Head of R&D	Gleeds Corporate	
<b>Siggi Wernik</b>	Managing Director	DhochN Digital Engineering GmbH	Vice Chair buildingSMART Germany
<b>Susan Keenlside</b>	Lifecycle Program Manager	House of Commons Canada, Real Property Directorate	buildingSMART International User Group
<b>Terry Parkinson</b>	Senior Digital Engineer	Bylor / Laing O'Rourke	
<b>Thomas Liebich</b>	Managing Director	AEC3 Deutschland GmbH	buildingSMART International Model Support Group Chair



## Useful information

### Socializing during the Summit

#### Designated places to meet in the evening

There are no formal events planned for Tuesday or Wednesday evening but to ensure everyone has the opportunity to meet with others and plan their evening, we are going to ask people to gather in one of the three venues listed below from approximately 18:30. All three of these venues are very close to where the Summit is being held. Of course if you have already made other arrangements then feel free to explore.

<b>Gordons Wine Bar</b>	<a href="http://www.gordonswinebar.com">www.gordonswinebar.com</a>
<b>The Ship &amp; Shovell</b>	<a href="http://www.shipandshovell.co.uk">www.shipandshovell.co.uk</a>
<b>The Sherlock Holmes</b>	<a href="http://www.sherlockholmes-stjames.co.uk">www.sherlockholmes-stjames.co.uk</a>

#### Keeping in touch with WhatsApp

We have a WhatsApp group for keeping in touch with each other. See page 3 for QR code to scan.

### Places to eat

London is good value for food and can often be cheaper than other towns in the UK. There are many privately owned restaurants and these can often be a good choice. The restaurants listed below are ones that we have eaten at and enjoyed. There are many others. **Bookatable.co.uk** is a good source of up to date recommendations.

#### Near the Summit Venue

**L'Ulivo**, Villier Street      **Lupita**, Viller Street

**RS Hispaniola**, on the river near Embankment

#### On the South Bank over Jubilee Bridge, near the Royal Festival Hall

**Las Iguanas**                      **Ping Pong**                      **Wagamama**

**Soho - north of Leicester Sq, east of Regent St, south of Oxford St Chinatown.** Lots of choice

**Covent Garden area**      **Fire & Stone**

### Getting around

Use Transport for London's TfL website      **[tfl.gov.uk](http://tfl.gov.uk)**

### Places to visit

These are our recommendations if you have any time during the day. Many of these places are not open in the evening. Most of them are an easy walk from the Summit venue. Near to the venue is Embankment Pier – from here you can catch boats down river to the attractions as indicated below. Many of London's attractions are free to enter (indicated with ✳)

<b>Tate Britain ✳</b>	<a href="http://www.tate.org.uk/visit/tate-britain">www.tate.org.uk/visit/tate-britain</a>
<b>Tate Modern ✳</b>	<a href="http://www.tate.org.uk/visit/tate-modern">www.tate.org.uk/visit/tate-modern</a>
<b>National Gallery ✳</b>	<a href="http://www.nationalgallery.org.uk">www.nationalgallery.org.uk</a>
<b>Borough Market ✳</b>	<a href="http://www.boroughmarket.org.uk">www.boroughmarket.org.uk</a>
<b>Imperial War Museum ✳</b>	<a href="http://www.iwm.org.uk/visits/iwm-london">www.iwm.org.uk/visits/iwm-london</a>
<b>Camden Market ✳</b>	<a href="http://www.camdenmarket.com">www.camdenmarket.com</a>
<b>Somerset House</b>	<a href="http://www.somerset-house.org.uk">www.somerset-house.org.uk</a>
<b>Westminster Abbey</b>	<a href="http://www.westminster-abbey.org">www.westminster-abbey.org</a>
<b>BFI British Film Institute</b>	<a href="http://www.bfi.org.uk">www.bfi.org.uk</a>
<b>London Aquarium</b>	<a href="http://www.visitsealife.com/London">www.visitsealife.com/London</a>
<b>British Museum ✳</b> (walk, bus or tube ride – see link to TfL)	<a href="http://www.britishmuseum.org">www.britishmuseum.org</a>
<b>V&amp;A ✳</b> (walk, bus or tube ride – see link to TfL)	<a href="http://www.vam.ac.uk">www.vam.ac.uk</a>
<b>Science Museum ✳</b> (walk, bus or tube ride – see link to TfL)	<a href="http://www.sciencemuseum.org.uk">www.sciencemuseum.org.uk</a>
<b>Natural History Museum ✳</b> (walk, bus or tube ride – see link to TfL)	<a href="http://www.nhm.ac.uk">www.nhm.ac.uk</a>
<b>'Coca Cola London Eye'</b> (book ahead)	<a href="http://www.londoneye.com">www.londoneye.com</a>
<b>Greenwich Maritime Museum ✳</b> (boat ride from Embankment Pier)	<a href="http://www.rmg.co.uk/national-maritime-museum">www.rmg.co.uk/national-maritime-museum</a>
<b>The Crystal</b> (boat ride from Embankment Pier)	<a href="http://www.thecrystal.org">www.thecrystal.org</a>
<b>The Tower of London</b> (walk, bus or tube or boat ride from Embankment Pier)	<a href="http://www.hrp.org.uk/tower-of-london">www.hrp.org.uk/tower-of-london</a>

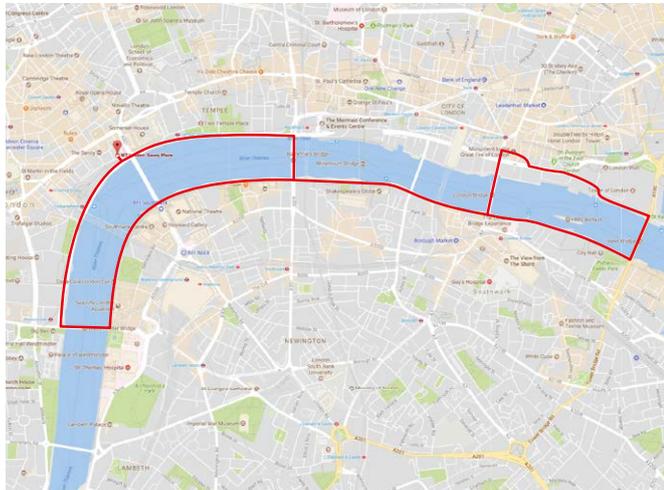


## Useful information

### Suggested walks

London is a great place to explore on foot. We have provided the outline of two walks from the Summit venue which take in some of the best London landmarks.

#### Thames tour



#### West End loop



# Next summit Paris 2018

