



A Smarter City

In partnership with the
City of London and Brookfield

Brookfield



Ideas for the City of London
Part 3

Smart Infrastructure

Competition brief

A Smarter City

Ideas for the City of London

The City of London has remained an international trading centre for centuries and is arguably the most successful city in history. To maintain its status as a world leader in adaptability and innovation, the City of London Corporation (CoL) is developing a Future City Initiative to celebrate its global competitive standing and drive economic growth.

The City will embrace new technologies, focussing on smart-enablement, resilience and collaborative innovation, to create a city that is competitive, open, interconnected and intelligent. It will feature excellent connectivity using the latest communications technology and transport links, with significant capacity for growth due to its high quality, flexible buildings and infrastructure, with a distinctive character derived from its diverse mix of buildings, uses, streets, spaces and its outstanding heritage and culture.

The City Centre (TCC), in partnership with the City of London Corporation and Brookfield Property Partners, are undertaking a three-part ideas competition, exhibition and a related series of events including panel discussions and hackathons entitled 'A Smarter City' to realise this vision.

As part of the 'A Smarter City' programme we are inviting submissions to a new ideas competition to provide a series of innovative solutions to some key problems across the theme of 'Smart Cities'. The shortlisted entries will form part of an exhibition from 28 April - 16 December 2017.

Smart Infrastructure

The third and final part of our A Smarter City competition focuses on 'Smart Infrastructure' in which we search for new ideas on security, energy and transport in the City of London.

The shortlisted entries will form the basis of an exhibition at The City Centre and accompanying events programme which will run from 28 April – 16 December 2017. One winner will be selected from each of the three competitions, chosen by a Jury at the end of the exhibition. The final winning idea will have the opportunity to work with the City of London Corporation on realising the idea.

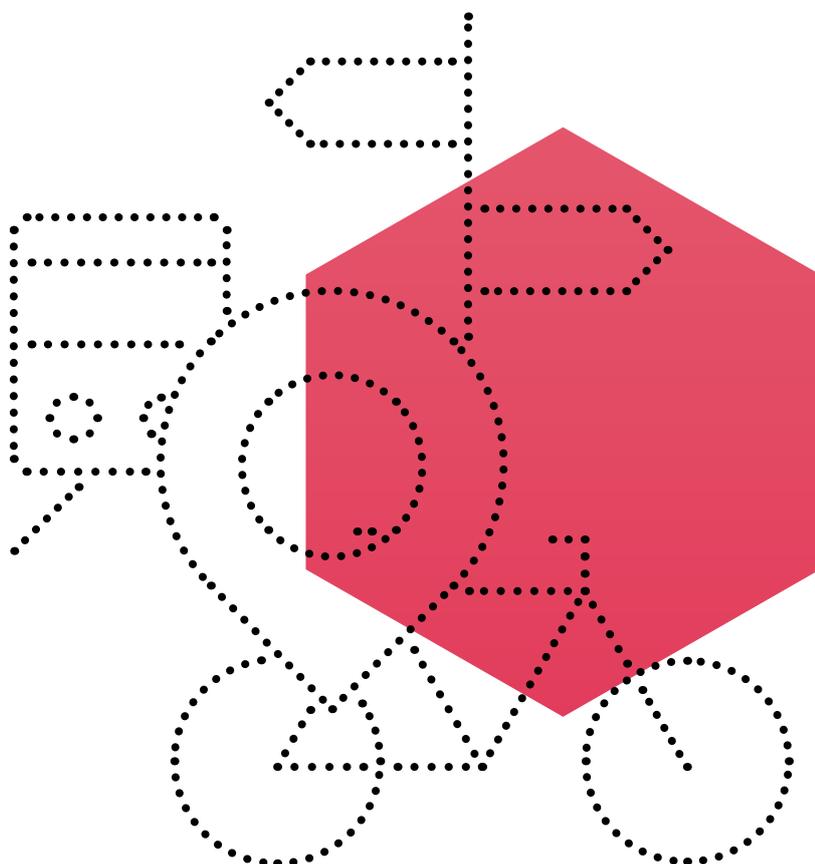
An exhibition focussing on City of London data and an overview of global smart city projects sits alongside the City of London's unique architectural model that highlights the heritage and future of the City's built environment.

The Smart Infrastructure Ideas Competition is open for entries from 25 July – 25 September 2017.

The shortlisted ideas will be notified on 29 September 2017.

The exhibition of the shortlisted entries will open on 6 October and close on 16 December.

**Deadline for entries for 'Smart Infrastructure':
17:00 on Monday 25 September**



Brief & Theme:

Entrants are invited to respond to the following statement and themes:

New data and real-time analysis about behaviours and usage in the City of London offer the ability for us to do more with less. Both low and high tech solutions, coupled with progressive policy measures can quickly unlock capacity and efficiency across energy networks and roadways.

Can you develop an idea that addresses one of the following areas?

- **Energy infrastructure – to deliver greater energy resilience through a radical re-imagining of energy production, distribution, storage and use, as we move towards a Zero Emissions City.**
- **Security infrastructure – to create a flexible security infrastructure that responds to the changing nature of the threat to people, places and buildings in the City, seamlessly integrating any solutions in the urban environment to avoid barriers to user movement and requiring minimal operational resource.**
- **Transport infrastructure – to redefine and reclaim space in the City allowing for the predominant users, pedestrians, creating a healthy and responsive environment.**

A) Please illustrate in your answer

WHY: What key demand issue(s) are you addressing?

WHAT/WHERE: What and where is your proposed physical solution to meet that demand?

HOW: How would you need to change current constraints (land, funding, planning) to meet your solution?

B) If you are responding to one or more areas, please ensure you demonstrate some consideration of the broader aspect of Smart Infrastructure.

Tips

- Ideas must be applicable to the area of the **City of London**
- You are welcome to respond to one area only, and do not have to include a physical solution in your response. However, multi-disciplinary solutions, addressing multiple areas, are encouraged where possible

- Entrants may submit as an individual, as a company or as a multi-disciplinary group
- You are welcome to submit existing ideas or schemes that could be repurposed for the City of London or draw on elements of previously developed schemes in the UK or abroad

Submission Requirements

Per idea, all entrants are required to submit:

- **1 Overview** summarising your idea (100 word maximum)
Submitted as a plain A4 word document
- **1 Written Proposal** outlining your idea in more detail (1,000 word maximum)
Submitted as a plain A4 word document
- **1 Headline Image** to summarise the idea in the exhibition
Submitted as a single pdf or jpg file, printable at A2 landscape size, and exhibition quality (high resolution)
- **1 Submitter Information sheet** – to include the name of the idea (note, this is the title that will be used in the exhibition and publication so please choose carefully), submitter name (individual, team name or company), one key contact for the submission (name, company, email and phone), list of team members (name, company)
Submitted as a plain A4 word document

In addition, you may also choose to support your entry with any of the following:

- **An Illustrated PDF** of the Written Proposal with up to 10 supporting images, charts and diagrams
Submitted as a single pdf, at A4 or A3 size.
Please also supply the 10 supporting images, charts and diagrams as separate high res jpg files printable at 300dpi+ in A4, with the caption and any credits clearly marked in the file name
- **1 Video** up to 4 minutes in length to explain the concept in further detail
Submitted as an mp4 or wmv, playable at 4x3 dimension and exhibition quality
- **1 Model** of your proposal to explain the concept in further detail
Please submit a photograph of the model with dimensions. If shortlisted then the model may form part of the entry in the exhibition

Jury

Entries will be judged by an eminent jury including Peter Murray, Chairman of The City Centre and New London Architecture, Carolyn Dwyer, Director of the Built Environment, City of London Corporation and a representative from Brookfield. In addition the Jury will be joined by key stakeholders for each part of the competition.

Why enter?

- A selection of winning entrants will be offered access to a high-level steering group to explore how their ideas can be delivered on a real City of London site in public or private ownership. They will also be profiled on newsletters to the TCC, NLA and CoL network, where appropriate entries
- All winning and shortlisted ideas will form the basis of the TCC exhibition 'A Smarter City' which will be on display in the City of London between April – December. Each part will be displayed for 10 weeks. The total expected visitor figure is circa 50,000
- All winning and shortlisted ideas will feature on a website specifically created for the exhibition
- The winning entry from each part will have the opportunity to present their ideas to the Jury at a public event in November 2017
- Shortlisted entries may also have the opportunity to work with sponsors of each part of the exhibition on realising their ideas

Key dates

Monday 25 September, 17:00

Deadline for submissions

Friday 29 September

Announcement of shortlisted entries

Thursday 5 October

Announcement of competition winners of Smart Infrastructure Ideas Competition

Thursday 16 November

A Smarter City Final Event at which the winners from all three parts of our competition are joined by our People's Choice winner to pitch their idea to the Jury. The winning idea will be taken forward by the City of London Corporation.

28 April – 16 December

'A Smarter City' exhibition on display with accompanying events programme. Part three 'Smart Infrastructure' will be on display from 6 October – 16 December.

Competition rules

- The competition is free to enter
- Entries must be submitted in full by 17:00 on Monday 25 September. Any extensions must have been agreed with TCC and CoL in advance of the deadline
- There is no limit to the number of ideas you can submit, but please submit one set of submission documents per idea
- Partial submissions will not be accepted
- Entries must be written and presented in English
- The competition is open to anyone to submit. Entrants may submit as an individual, as a company or multi-disciplinary group, but must make this clear in the entry form
- By submitting to the competition, you are asserting your role as primary author of this idea, which has not been copied wholly or substantially from any other work or material or source. Any supporting information, data, graphics or images must be properly credited to any external sources
- By submitting to the competitions, entrants agree that TCC are granted non-exclusive reproduction rights to all entries for NLA's advertising, promotion, exhibition, print publication and internet purposes directly related to the Smarter City programme
- Entrants must have permission from the photographer for the reproduction of all imagery for use relating to these purposes

How to enter

Please send one PRINT and one DIGITAL version to Faith Clark, Exhibitions and Events Co-ordinator by 17:00 by Monday 25 September 2017

Digital version

Please send a digital copy of your full submission to faith.clark@cityoflondon.gov.uk

Please clearly mark the subject line with:
SMART INFRASTRUCTURE IDEA – [name of idea]

Supporting files may be sent via file transfer.
Alternatively please send via CD or USB

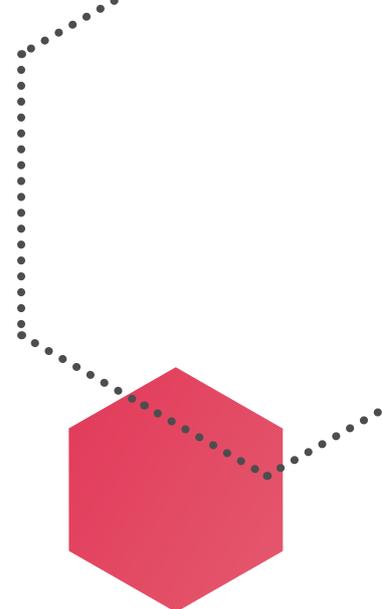
Print version

Please also send a print version of your submission to:

Faith Clark
The City Centre
80 Basinghall Street
London
EC2V 5AR

If you have any queries, please contact Faith Clark on 0207 6008 362 or via Faith.Clark@cityoflondon.gov.uk

Contact us for more information and press images.



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