

ICE 200 Briefing

Paul Coughlan and Ingrid Farmer

Key Messages

Civil engineers are at the heart of social and economic progress, improving the world we live in

- Civil engineers directly transform people's lives
- Civil engineers safeguard the future for people and their families
- Civil engineering is a creative, rewarding and fun career

Raising Visibility

- National and local media
- Social media
- ICE website
- What is Civil Engineering
- Commemorative Book

Shaping Opinion

Invisible Superheroes Exhibition

How civil engineers transform lives and shape the world around us
Dec 2017-Jan 2019, OGGs

Brunel International Lecture Series

ICE 200 objectives/legacy
12 June, Thomas Telford Theatre

Global Engineering Congress

Uniting our global industry to shape the future
22-26 October, OGGs

Global Engineering Congress, 22-26 October 2018



World Federation of Engineering Organizations
Fédération Mondiale des Organisations d'Ingénieurs



Canadian Society for
Civil Engineering



Société canadienne
de génie civil



ENGINEERS
AUSTRALIA





INVISIBLE SUPERHEROES EXHIBITION SNEAK PREVIEW

INVISIBLE SUPERHEROES

TRANSFORMING LIVES.
SAFEGUARDING
THE FUTURE

AN ADVENTURE
BROUGHT TO YOU BY



INVISIBLE SUPERHEROES

TRANSFORMING LIVES.
SAFEGUARDING
THE FUTURE

AN ADVENTURE
BROUGHT TO YOU BY



RHEROES



Invisible Superheroes Exhibition

Who are our heroes?



THE GREAT STINK SAVIOUR

JOSEPH BAZALGETTE IS
CAPTAIN SANITATION!

CAPTAIN
SANITATION!



STEM

Inside the exhibition

The zones and sectors of Invisible Superheroes



SMART INFRASTRUCTURE



ENVIRONMENTAL IMPACT



CONNECTED COMMUNITIES



DIGITAL



COMMUNICATIONS



WATER



SANITATION



MARITIME



AIR



ROADS



STRUCTURES



HOUSING



WASTE



ENERGY



BRIDGES

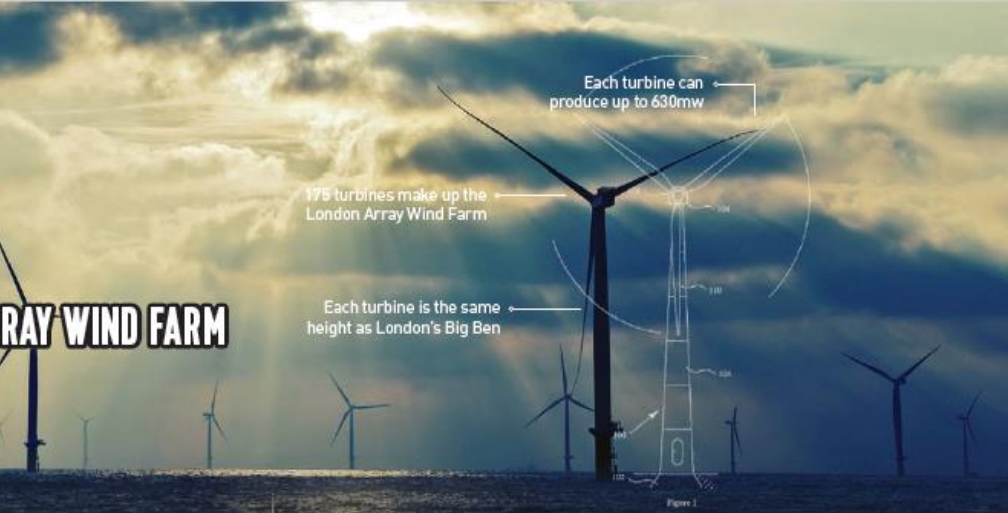


RAIL



UNDERGROUND

RAY WIND FARM



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Reduces CO₂ emissions
by 900,000 tonnes



Each turbine weighs
around 480 tonnes



NUCLEAR

HINKLEY POINT

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HYDRO POWER

DINORWIG POWER STATION

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WATER

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GUWAHATI WATER SUPPLY

SUPPLYING CLEAN DRINKING WATER

Water scarcity affects more than 40% of the world's population.

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Currently only 30% of the population have access to piped water

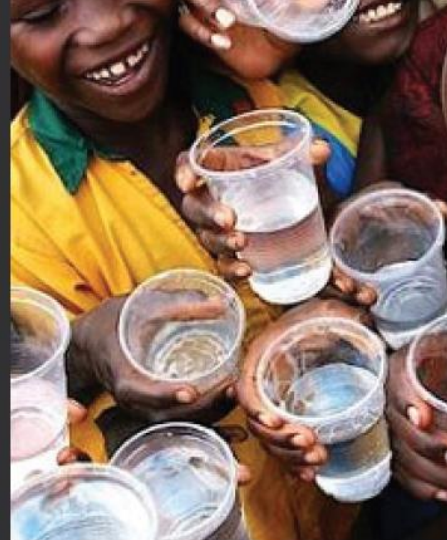
Guwahati is located in North-East India



There are four water supply schemes in progress in the city

Guwahati has been declared as one of India's twenty 'smart city' projects

PARTHAJIT PATRA
'METRO MAN'



UNITED NATIONS SUSTAINABLE DEVELOPMENT GOAL 6

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Examples of comms materials

INSTITUTION OF CIVIL ENGINEERS BICENTENARY

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ICE Bicentenary

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ni demporepuda qui**

Tuesday 02 January 2018
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Our ref
Date
Name
Company
Address
City
Postcode

Dear
Subject
Body text
Yours sincerely

Name
Position

Institution of Civil Engineers
One Great George Street
London SW1P 3AA
United Kingdom
t +44 (0)20 7000 0000
f +44 (0)20 7000 0000
e www.ice.org.uk
www.ice.org.uk

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Programme update
Presented by Ginny Greenwood

Super Subject Line - Membership number 1234567
5 January 2018

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Dear John Smith

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Why qualify professionally?
Get industry recognition for your skills, knowledge and experience.

Technicians in civil engineering
At ICE, we recognise the important role that technicians play in the industry. They bring a rich and diverse skillset to their profession and are at the foundations of every civil engineering team. Without their practical contribution, projects simply couldn't be completed.

Developing our technicians
As a world-leading qualifier, it's our role to ensure that civil engineering professionals at all levels are encouraged to develop professionally so that industry standards and public faith are kept high.

Industry recognition
We work with education providers to integrate our professional qualification modules into academic courses, and with employers to support technicians through the process. At the end of their studies, technicians have the opportunity to gain both their professional qualification and the industry recognition they deserve.

Aspiring technicians
Becoming a technician member through the embedded scheme helped me to get a good grounding at an early stage and opened up the doors to new opportunity.
Nicola Smith ICE Technician, South Thames College, London

What's in it for you?
Qualify as a Technician Member register as an Engineering Technician and use TMICE, ENG Tech after your name

Other ways to qualify

Highlights:

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ICE 200
More information about ICE200 celebration and how you can contribute. What you can expect from your institution in 2018.

PEOPLE'S CHOICE AWARD

Regional 200 events
We have lots already planned within your regions, find out more here.

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Shaping The World
ice.org.uk



Questions