

News Release: Embargoed. 00:01 Tuesday, March 4th

World's most prestigious engineering prize opens for nominations

Nominations are now open for the **Queen Elizabeth Prize for Engineering (QEPrize)** – the biggest and most prestigious international engineering prize which celebrates the engineers responsible for a ground-breaking innovation in engineering that has been of global benefit to humanity.

This international £1 million prize, aims to raise the public profile of engineering and inspire young people to take up the challenges of the future and become engineers. The QEPrize was launched in 2011 to address the need for more engineers and to celebrate the remarkable achievements of today's engineers. There is no Nobel Prize for engineering, the QEPrize aspires to fill this void, giving engineers the recognition they deserve. The QEPrize is awarded biennially and the search for the winner(s) will demonstrate the importance of engineering to society across the world.

Coinciding with the opening of nominations is the launch of an international network of young engineers – QEPrize Ambassadors – who will evangelise about engineering and inspire the next generation to become engineers and create the future. Supporting the QEPrize Ambassadors will be a new QEPrize website – 'create the future' dedicated to finding interesting and exciting examples of engineering, and profiling the amazing work that engineers do.

The five inaugural winners of the QEPrize, awarded in 2013 by HM The Queen, were **Robert Kahn, Vint Cerf and Louis Pouzin** who were recognised for their contributions to the protocols that make up the fundamental architecture of the Internet, **Sir Tim Berners-Lee**, for inventing the World Wide Web and **Marc Andreessen** who, with colleagues, wrote the Mosaic browser.

Queen Elizabeth Prize for Engineering Foundation

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Registered in England and
Wales



On receiving the QEPrize in June 2013, QEPrize winner, Vint Cerf said, "It is incredible to be one of the five inaugural winners of what I think is a very important act of recognition for engineers worldwide. The QEPrize celebrates what engineers can achieve. It was great to meet so many young people at today's ceremony who are so excited about engineering and the infinite possibilities it holds for the future."

The panel of distinguished judges includes leaders in a wide range of engineering disciplines from around the world. Academics and leaders in industry, they are well-placed to assess the importance and impact of engineering innovations globally.

Nominations close for the second QEPrize at 12.00 BST on 14 July 2014. The winner(s) will be announced in early 2015. Anyone can make a nomination for the QEPrize on the QEPrize website – www.geprize.org

Lord Alec Broers, Chair of the Judging Panel, said "I am delighted to be leading this distinguished group of panelists. Drawn together from across the world and spanning the engineering disciplines. These judges are internationally-renowned leaders in the fields of science and engineering who possess the huge breadth of expertise and wisdom needed to decide who will win this uniquely important prize."

Lord Browne, Chairman of the Queen Elizabeth Prize for Engineering Foundation: "From large-scale infrastructure to medical technology, engineers' achievements transform every aspect of our daily lives.

"The Queen Elizabeth Prize aims to make heroes and heroines out of the engineers who are behind the world's greatest innovations, demonstrating that engineering can offer a rich and rewarding career to both men and women."

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The judging panel is as follows:

Lord Alec Broers FEng Hon FMedSci FRS (Chair of Judges), Past President Royal Academy of Engineering, UK

Professor Sir Christopher Snowden FEng (Deputy Chair of Judges and Chair Elect), President and Vice-Chancellor University of Surrey, UK

Prof. Frances Arnold, Dickinson Professor of Chemical Engineering, Biochemistry and Bioengineering Director, Ben and Donna Rosen Bioengineering Center at Caltech, USA

Prof Brian Cox OBE, Royal Society Research Fellow, University of Manchester, UK

Prof Lynn Gladden CBE, FEng FRS Pro Vice-Chancellor for Research, Shell Professor of Chemical Engineering at University of Cambridge, UK

Prof Calestous Juma, HonFEng FRS, Professor of International Development and Director of Science, Technology and Globalisation Project, Harvard University, USA

Prof Hiroshi Komiyama, President Engineering Academy of Japan

Prof John Hennessy, President Stanford University, USA

Prof. Dr. h.c. Reinhard Hüttl, President acatech, Germany

Narayana Murthy CBE, Founder Infosys, India

Dr Dan Mote, President U.S. National Academy of Engineering, Regents Professor, University of Maryland

Prof Choon Fong Shih, Professor, National University of Singapore

Paul Westbury FEng, CEO Buro Happold, UK

The QEPrize is the result of a growing realisation in the worlds of business, engineering and politics of the need for a pioneering initiative to focus attention on engineering worldwide.



The QEPrize is managed by a charitable corporation, the Queen Elizabeth Prize for Engineering Foundation, chaired by Lord Browne of Madingley FRS. The QEPrize is supported by corporate donors: major engineering companies whose commitment to the objectives of the prize has made the QEPrize possible.

The founding donors are: BAE Systems, BG Group, BP, GlaxoSmithKline, Jaguar Land Rover, National Grid, Shell, Siemens, Sony, Tata Steel, Tata Consultancy Services and Toshiba. The Nissan Motor Company became a donor in January 2014.

The QEPrize is run on behalf of the QEPrize Foundation, by a team based Royal Academy of Engineering in the UK.

Ends

Further information

For more information or interview requests media@qeprize.com

Assets

For short films of female engineers talking about their careers from the #createthefuture campaign please visit www.createthefuture.qeprize.org

Stills and official QEPrize logos are available to hi res download from:

<http://qeprize.org/news/media/>



@QEPrize #createthefuture
@RAEngNews #createthefuture



The Queen Elizabeth Prize for Engineering

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Judges' quotes

Prof Brian Cox OBE, Royal Society Research Fellow, University of Manchester:

“Engineering is hardwired into us. From the earliest times, people have worked to shape the world around them and improve their lives through engineering. We need more engineers now, to carry on this legacy, and it is imperative that parents encourage their children, especially their daughters, to study STEM subjects. It is obvious to me that the symbiotic relationship between science and engineering will define the future of the global economy, and on a wider scale, the future of our civilisation, just as it defined our past.”

Mr Narayana Murthy CBE, Infosys Founder: “The Queen Elizabeth Prize for Engineering is a wonderful recognition for modern engineers and their path-breaking achievements. As an engineer, I consider it a great honor to be part of the panel of juries for this prestigious award.”

Prof Dr. Dr. h.c. Reinhard Huettl, President of acatech: “We must recognize the outstanding achievements of our engineers around the globe - innovative engineering solutions secure sustainable growth for our future generations. The German National Academy of Science and Engineering (acatech) is honoured to support the Queen Elizabeth Prize for Engineering as an excellent and most timely opportunity to acknowledge the vital work of engineers and as an incentive for our younger generations to consider a creative and exciting career in the field of sciences and engineering.”

Prof Choon Fong Shih, Professor, National University of Singapore: “This prize will further the global appreciation and standing of engineering. The benefits which engineers can bring to societies across cultures and continents are immense, and it is so important that we broaden awareness and recognition of great work taking place today.”

Mr Paul Westbury FEng, CEO Buro Happold: “The importance of engineering to the world is often overlooked; we engineers are our own worst enemies, too busy delivering solutions to talk about them! That's why the Queen Elizabeth Prize for Engineering is

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such a wonderful opportunity to celebrate engineering's contribution to society and show women, especially, that it is an excellent career.”

Professor Sir Christopher Snowden, (Deputy Chair and Chair Elect), FEng President and Vice-Chancellor University of Surrey: “It is a great honour to be invited to take up this position and join such an esteemed panel of judges. The Queen Elizabeth Prize internationally recognises the transformational impact of engineering achievement. I am delighted to be involved in such a prestigious award.”

About the Queen Elizabeth Prize for Engineering Foundation

The Queen Elizabeth Prize for Engineering is run by a charitable company limited by guarantee and called The Queen Elizabeth Prize for Engineering Foundation. The Queen Elizabeth Prize for Engineering Foundation was established to administer the Queen Elizabeth Prize for Engineering, raise the public profile of engineering and inspire young people to become engineers.

The Queen Elizabeth Prize for Engineering is funded by an endowment which has been established with generous support from the following corporate donors: BAE Systems, BG Group, BP, GlaxoSmithKline, Jaguar Land Rover, National Grid, Shell, Siemens, Sony, Tata Steel, Tata Consultancy Services, Toshiba. Nissan Motor Company joined these donors in January 2014.

The chair of the Queen Elizabeth Prize Foundation (QEPrize Foundation) is Lord Browne of Madingley. The other trustees are Sir John Parker, Mala Gaonkar, Sir Paul Nurse and Sir John Beddington. Sir Mark Walport, Chief Scientific Adviser to UK Government, is adviser to the board.

About the Royal Academy of Engineering

As the UK's national academy for engineering, we bring together the most successful and talented engineers for a shared purpose: to advance and promote excellence in

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engineering. We provide analysis and policy support to promote the UK's role as a great place to do business. We take a lead on engineering education and we invest in the UK's world-class research base to underpin innovation. We work to improve public awareness and understanding of engineering. We are a national academy with a global outlook. We have four strategic challenges: Drive faster and more balanced economic growth; foster better education and skills; lead the profession; promote engineering at the heart of society.

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