



The Royal Academy  
of Engineering

**The 2006 Hinton Lecture**

*Lecture and Dinner*

**The Role of the Engineering Sciences in  
International Development**

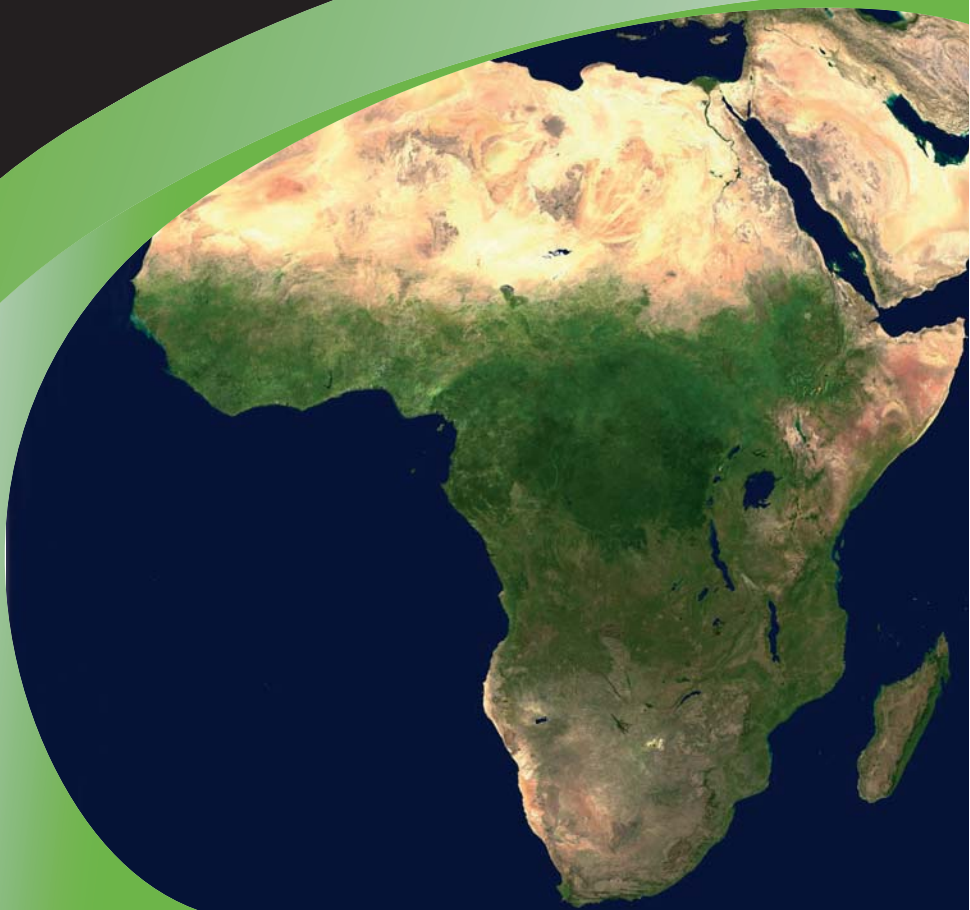
**Redesigning African Economies**

Speaker: Professor Calestous Juma, FRS

3 October 2006

6.00pm for 6.30pm

IET, Savoy Place, London WC2R



## The 2006 Hinton Lecture

# The Role of the Engineering Sciences in International Development

## Redesigning African Economies

At a time when the Academy has been expanding its international activities, especially in seeking to establish how engineering can assist in tackling world poverty and help achieve the UN Millennium Development Goals, we are delighted to announce a timely and important lecture by Professor Calestous Juma.



*Professor Calestous Juma, FRS*

Calestous Juma is an internationally-recognised authority in the application of science and technology to sustainable development. He is currently Professor of the Practice of International Development and Director of the Science, Technology and Globalisation Project at Harvard University's Kennedy School of Government. Professor Juma is a lead author in *Innovation: Applying Knowledge in Development*, the final report of the UN Millennium Project's Task Force on Science, Technology and Innovation. He holds a DPhil in Science and Technology Policy Studies from the University of Sussex. Formerly, he was Executive Secretary of the UN Convention on Biological Diversity and founding Director of the African Centre for Technology Studies in Nairobi.

Furthermore, he has served on numerous boards of international agencies and advises numerous heads of state and government on science, technology and innovation. Professor Juma has made significant contributions to understanding the dynamic role of technological innovation in economic transformation in developing and developed countries. His work on the implications of biotechnology for sustainable development in Africa is widely cited and his achievements have been honored by his election to several scientific academies as well as several awards he has received in recognition of his original work.

**Africa's ability to meet human needs, participate in the global economy and protect the environment will require considerable investment in the engineering sciences. More specifically, building capacity in the engineering sciences should be directly linked to infrastructure projects. Academies of engineering will need to play a central role in helping to shape a new vision for the role of the engineering sciences in international development.**

### Programme

6.00pm Registration

6.30pm Lecture

8.00pm Reception

8.15pm Optional Dinner

9.45pm Close

### Venue

IET, Savoy Place WC2R

### Dress

Lounge Suit

# The 2006 Hinton Lecture

## The Role of the Engineering Sciences in International Development Redesigning African Economies

Registration Form

### Tickets

Please note you must reserve tickets for both the free lecture and optional dinner. We regret refunds on dinner tickets will not be possible after 26 September 2006 unless the ticket can be reallocated. Ticket price for the dinner is £45 for a three course meal and will be allocated on a first come, first served basis.

I wish to reserve  ticket(s) for the lecture and reception

I wish to reserve  ticket(s) for the dinner at £45.00 each

Title  First name

Surname  Honours

Position

Organisation

Address

Postcode

Telephone  Email

Dietary requirements

### Guest

Title  First name

Surname  Honours

Position

Organisation

Email

Dietary requirements

I enclose a cheque\* payable to The Royal Academy of Engineering or

Please debit my credit card\* for the sum of  (\*delete as appropriate)

Visa  Mastercard

Account Number:

Signature  Card Expiry Date  /  /

### Please return to:

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# The Royal Academy of Engineering

As Britain's national academy for engineering, we bring together the country's most eminent engineers from all disciplines to promote excellence in the science, art and practice of engineering. Our strategic priorities are to enhance the UK's engineering capabilities, to celebrate excellence and inspire the next generation, and to lead debate by guiding informed thinking and influencing public policy.

The Academy's work programmes are driven by three strategic priorities, each of which provides a key contribution to a strong and vibrant engineering sector and to the health and wealth of society.

## Enhancing national capabilities

As a priority, we encourage, support and facilitate links between academia and industry. Through targeted national and international programmes, we enhance – and reflect abroad – the UK's performance in the application of science, technology transfer, and the promotion and exploitation of innovation. We support high quality engineering research, encourage an interdisciplinary ethos, facilitate international exchange and provide a means of determining and disseminating best practice. In particular, our activities focus on complex and multidisciplinary areas of rapid development.

## Recognising excellence and inspiring the next generation

Excellence breeds excellence. We celebrate engineering excellence and use it to inspire, support and challenge tomorrow's engineering leaders. We focus our initiatives to develop excellence and, through creative and collaborative activity, we demonstrate to the young, and those who influence them, the relevance of engineering to society.

## Leading debate

Using the leadership and expertise of our Fellowship, we guide informed thinking, influence public policy making, provide a forum for the mutual exchange of ideas, and pursue effective engagement with society on matters within our competence. The Academy advocates progressive, forward-looking solutions based on impartial advice and quality foundations, and works to enhance appreciation of the positive role of engineering and its contribution to the economic strength of the nation.



The Royal Academy of Engineering promotes excellence in the science, art and practice of engineering.

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