



The Knowledge Network

# The Institution of Engineering and Technology

PHEE Conference  
Jan 2008



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# Challenges and opportunities...



*the 21<sup>st</sup> Century world is.....*

Digital

Global

Multidisciplinary

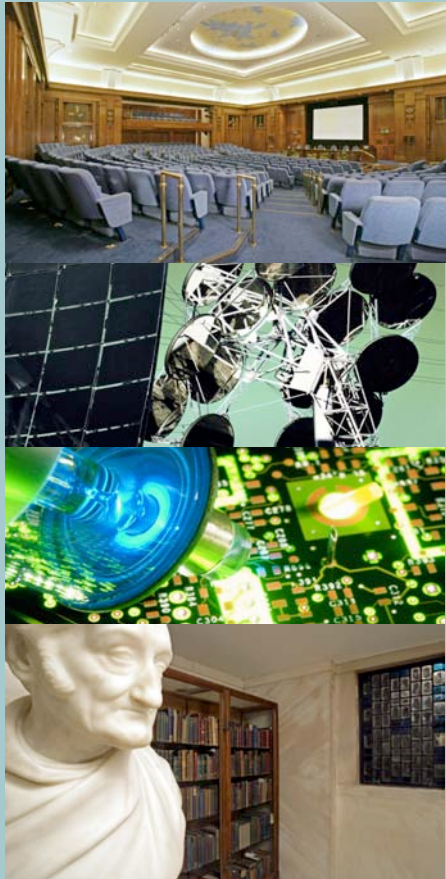
Ever changing

Short of time and overloaded  
with information



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# Introduction to the IET

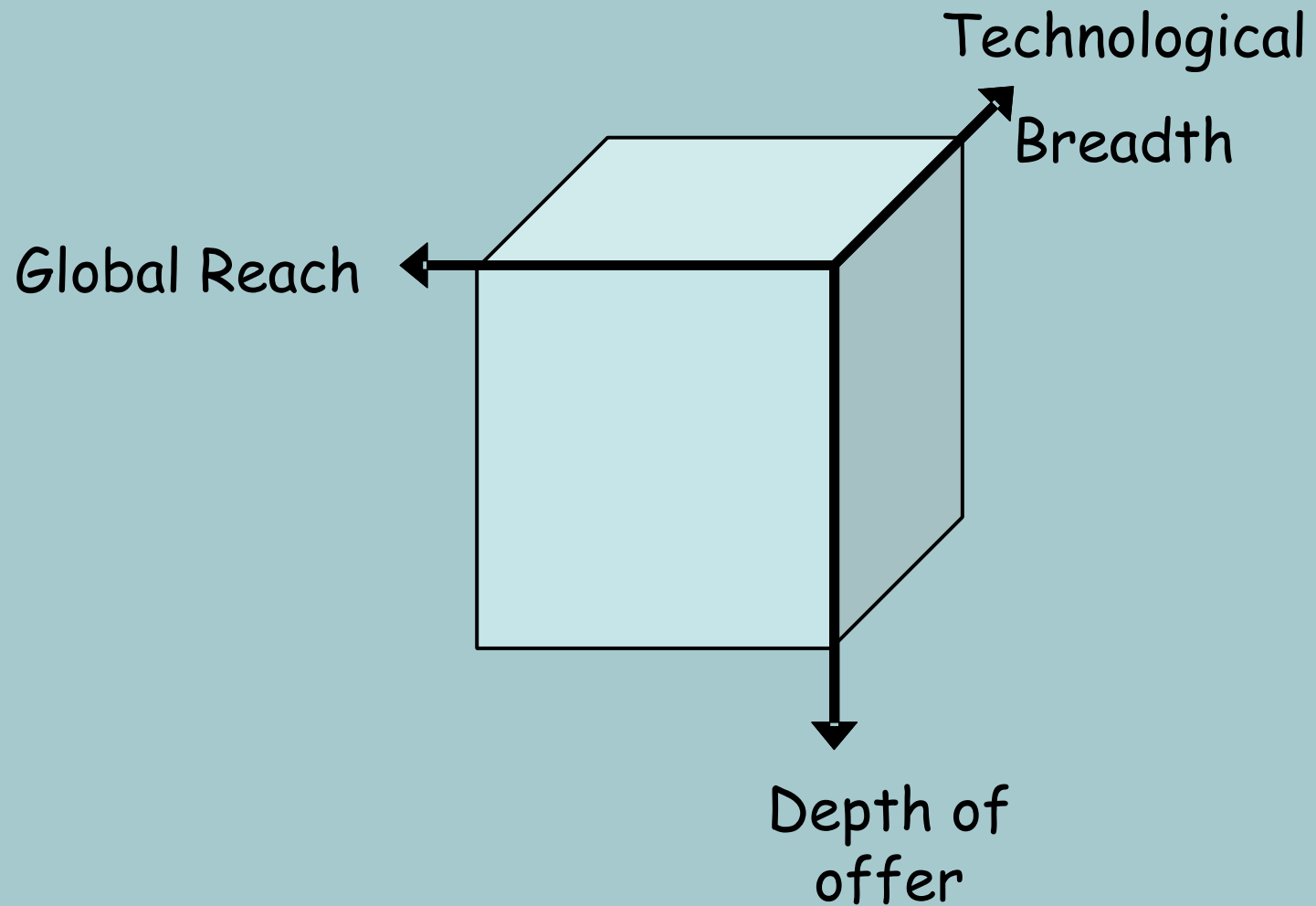


- Was formed by the Institution of Electrical Engineers (IEE) and the Institution of Incorporated Engineers (IIE)
- More than 150,000 members worldwide
- It is the largest professional engineering society in Europe and the second largest of its type in the world
- Offices in London, Beijing, Hong Kong, New Jersey and Bangalore



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# Technology space





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# Vision

*(what we want to achieve)*

Sharing and advancing knowledge  
throughout the global Science  
Engineering & Technology  
community to enhance peoples  
lives.



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# Mission

*(how we achieve our Vision)*

To build an open, flexible and global knowledge network supported by individuals, companies and institutions and facilitated by the IET and its members.



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# Strategic Goals

- A comprehensive suite of products which are distinctive, globally relevant and compelling in their quality
- A world class, web enabled infrastructure to support the professionals within the knowledge network
- Extend IET global reach and scale while strengthening home-market position
- Operationally excellent with best in class process and people



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# Values & Behaviours

**Inclusive and collaborative**

*.....with all who share our vision*

**Innovative, flexible and nimble**

*.....in pursuit of our mission*

**Digital and Global**

*.....in thought and action*

**Professional, ethical and excellent**

*.....in everything we do*



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# IET Strategic Elements

## Membership Organisation

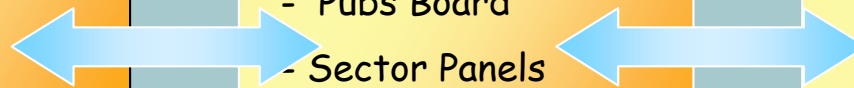
- Members Services
- Business Partners
- Education/Training
- Committees
- Members
  - Local Networks
  - Members & Regions

## Knowledge Network

- TPNs
- Events
- Publishing
- Communities & the Web
- IET Discover
- Inspec.
- Members
  - TPS Board
  - Pubs Board
  - Sector Panels
  - Advisory Group

## UK Licensing & Accreditation Body

- Qualifications
  - C. Eng
  - I Eng
  - Eng Tech
- Course accreditation
- Education & Training
- Members
  - Quals Board





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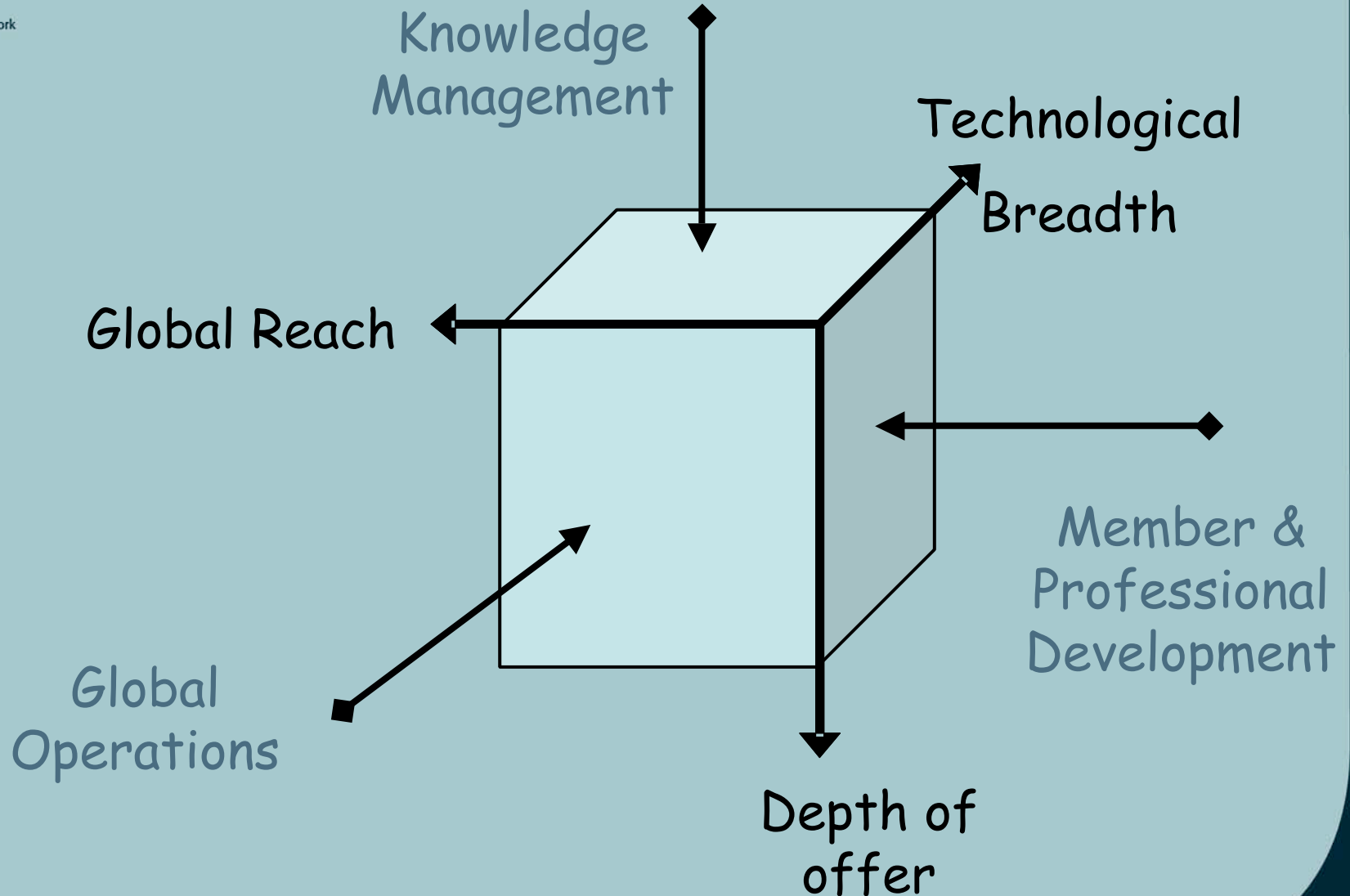
The IET organisation is aligned to our new strategy and to the external world.

- 3 new operational directorates
  - Knowledge Management
  - Global Operations
  - Membership & Professional Development
- Supported by functional directorates
  - Marketing & Communications
  - HR
  - IT
  - Finance
  - Chief of Staff
  - Trustees and volunteer boards
  - Transformation and Project Offices



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# IET Organisation





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# Multidisciplinary

<b>MEMBERSHIP &amp; DIVERSITY</b>	
<b>Professional Classification</b>	<b>Number</b>
<b>ICT</b>	<b>35,000</b>
<b>Electronics</b>	<b>33,000</b>
<b>Energy/Power</b>	<b>28,000</b>
<b>Environment</b>	<b>11,000</b>
<b>Mechanical/Manufacturing/Production</b>	<b>20,000</b>
<b>Building Services</b>	<b>10,000</b>
<b>Transport</b>	<b>11,000</b>
<b>Medical &amp; Healthcare</b>	<b>5,000</b>
<b>TOTAL</b>	<b>153,000</b>



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# Knowledge Management

- Global and relevant to the future
- Building communities in real world and on-line
- Knowledge capture and dissemination
- Multiple channels to market
  - Publishing - e.g. Single magazine, Journals.....
  - IET.tv
  - Events, Conference & Banqueting, facilities
  - TPNs
  - Sector Panels
  - IET Power Academy



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# Knowledge Management Concept - draft

Trustees

## Knowledge Management Board

		Staff								Members		
Communities (Previously 'sectors')	Online global 'Moderators' •Build communities •Acquire knowledge •Export knowledge	Events	Single Magazine	Research Journals	Inspec	Books	IET.tv	IET Discover	My IET	Technical & Prof Networks	Sector Panels	Advisory Groups & Technical Advisory Panels
e.g. Transport	Community Editors (knowledge/know people)									TPN		AG
										TPN		TAP

Content Gateways



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# The future of the IET is....

Digital  
Global

Multidisciplinary

An ever changing and adapting  
networker and knowledge  
broker



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*- if there is a gold rush  
going on,  
the best thing to be do is  
sell shovels*