



The Knowledge Network

# **Building Innovation Through Knowledge Networks in the 21st Century**

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**Director, Professional Operations**



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# **An Institution for the 21<sup>st</sup> century;**

**Global  
Interdisciplinary  
Inclusive**



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# An Institution for the 21<sup>st</sup> century;

- 155,000 members
- 120 Countries
- Member Networks in 37 countries
- 100 branches, regions and centres
- 40 + Technical & Professional Networks
- Offices in London, New Jersey, Hong Kong, Beijing,, Birmingham, Glasgow and Bangalore
- Active projects with Institutions and Companies worldwide

# IET Why join?

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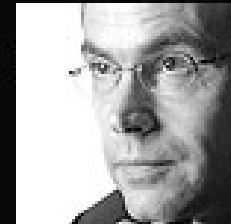
"Employers feel that a professional qualification, along with membership of the Institution, give independent confirmation that I have achieved a high level of competency"

*Kerry Bell EngTech MIET  
Shift Technician, Serco*



"I have got a lot out of the Institution because I've put a lot in and I definitely recommend that new members get involved"

*Cameron Steel IEng MIET  
Senior Electrical Design Engineer,  
Parsons Brinckerhoff*



"I like exchanging ideas with other members as it gives me an alternative perspective on my discipline. I'd find it impossible to keep up with the huge range of developments otherwise."

*Shan Ali CEng MIET  
ICT Infrastructure Manager*





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# An Institution for the 21<sup>st</sup> century;

- A diverse membership;

ICT	35,000
Electronics	28,000
Energy/Power	28,000
Environment	10,000
Transport	10,000
Medical/Healthcare	5,000



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- INSPEC 8 million records...+ 375,000 in 2005
  - 140 Conferences
  - New titles every year
- 160 university courses accredited in 2005
- £433,000 scholarships and awards
- 2% membership growth



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# IET strategic goals

- Improve the impact of our knowledge-sharing activities
  - Engage more individuals in knowledge-sharing (1 million/month within 5 years)
  - Improve the quality and effectiveness of knowledge-sharing interactions
- Revitalise international-standard qualifications
- Raise public understanding of the contribution of Engineering & Technology and those who deliver it
- Build a greater level of activity in the future

# IET Operational goals

- Continuous improvement –
  - Quality
  - Customer service
- World-class web offering
- Access to all activities anywhere in the world
- Leverage all resources more effectively



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# Professionalism through qualification

- Support for three levels of professional registration:
  - Chartered Engineer (CEng)
  - Incorporated Engineer (IEng)
  - Engineering Technician (EngTech)
- Internationally recognised through the Washington and Sydney accords.
- Standards for each maintained to be World class



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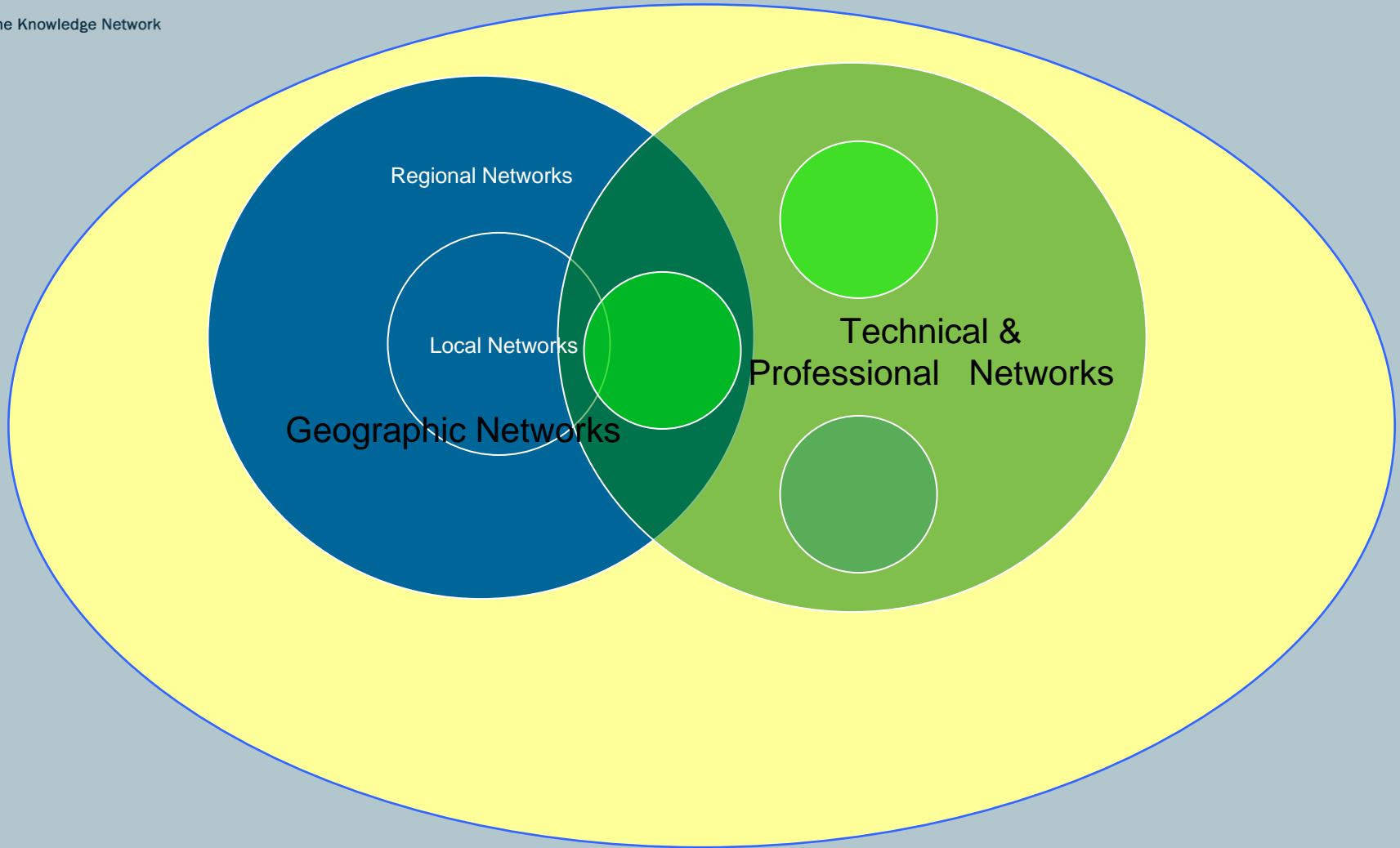
# The Knowledge Network

*“An open, flexible and limitless network allowing relevant & quality assured information and knowledge to flow seamlessly between individuals and organisations; enhancing individual competency, professionalism and innovation across Engineering & Technology”*



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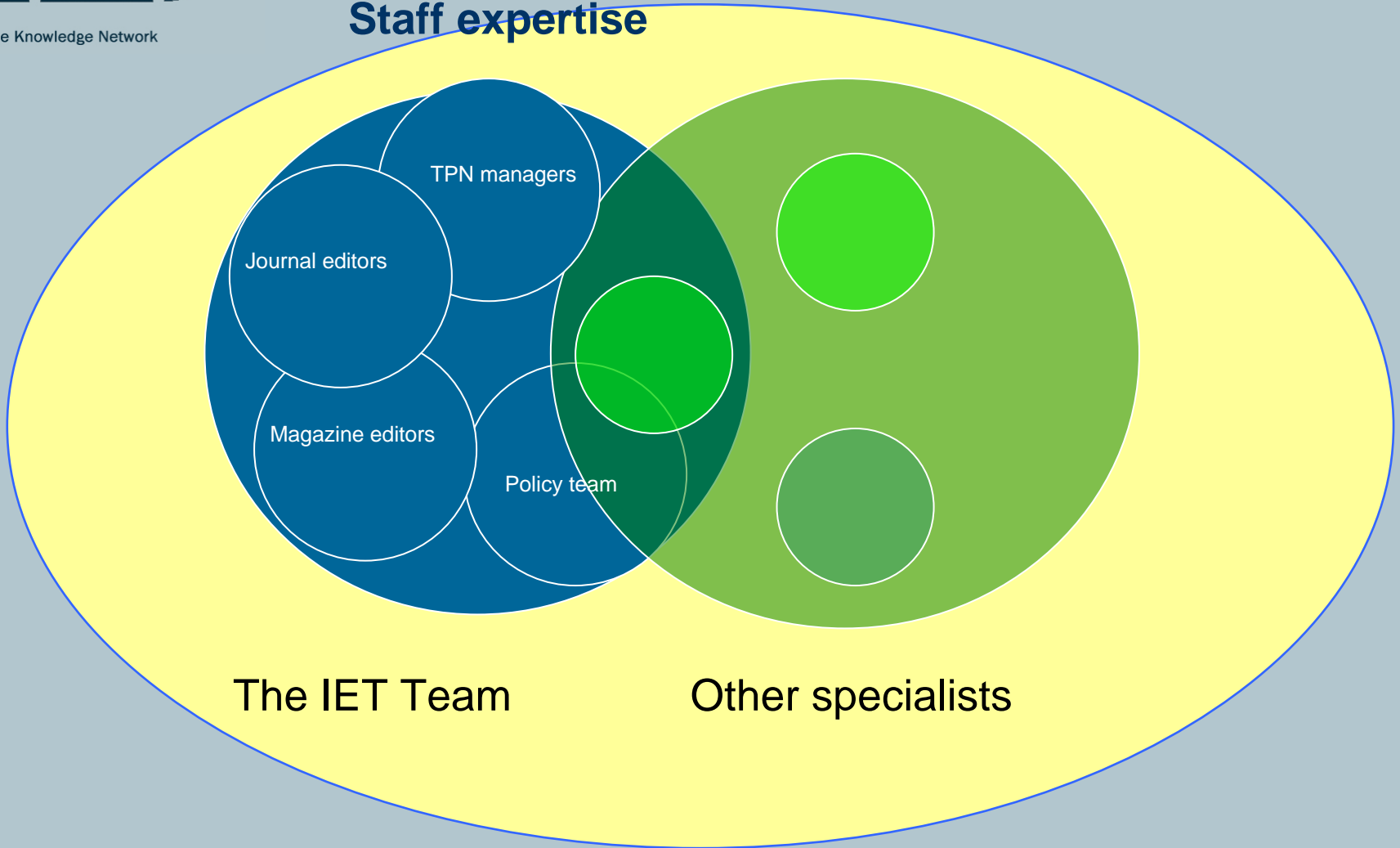




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# The Knowledge Network

Staff expertise



The IET Team

Other specialists

# Challenge in Asia

- Fastest growing opportunity globally
- More volunteers and publishing customers than members
- European concepts of local/regional may be inappropriate
- Resource dedicated to parts of IET activity

# Challenge in Asia

- Aim to create a locally driven TPN
- Regional management structure, using on HK, Beijing and Bangalore offices
- Volunteer engagement amongst members and wider group
- Global resource of IET made available
  - IET.tv, Inspec, IEL



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# Activities in Asia

- Building support structure in the time zone(s) Beijing, Bangalore, Hong Kong,
- Emerging Trends in Power Engineering and Management, Conference, Delhi 15-16<sup>th</sup> February 2007
- 2<sup>nd</sup> IET Microelectronics and Embedded Systems Conference, Bangalore, Dec 2007
- 12,000 members Asia-Pacific region
- Future IET activities across publishing, membership and qualifications in each office
- Faraday medallist 2005 Azim Premji