

IHE Review 2009/2010

Providing professional leadership by developing and sharing knowledge and standards based on integrity, fairness and quality.

Achievements 2009/2010

- Institute of Highway Engineers – launched at Westminster Abbey
- Professional Review procedures improved
- Highway Inspector standards setting project funded by ADEPT (CSS)
- Asset management training launched
- Annual meeting in Scotland celebrates the local Branch
- IHE sustainability policy published
- Engineering Technician opened up to technicians without formal qualifications



Lord Howie launching the IHE at Westminster Abbey last December

“The decision of the 2009 AGM to change the name of the Institute both to broaden its appeal and to recognise the changing nature of the Institute dominated the next twelve months’ activities. The December reception launching IHE at Westminster Abbey was a memorable occasion, made special by Evensong in the Abbey choir.

The new name, coupled with amended Professional Review procedures and the Highway Inspector initiative means that IHE is well placed to support members facing difficult times.”

Anthony Sharp IHE President 2008–10

IHE’s Vision is to be at the forefront of developing and maintaining the national transport infrastructure to the highest international standards.

IHE’s Mission is to provide professional leadership in highway engineering and to help members to advance their careers.

Making a Difference

The Institute has supported the following activities in 2009/2010

- TfL disabled-shared space stakeholder group
- First Big Bang Fair promoting engineering to school children
- Traffex 2009
- CEO Charter to support women
- Princes Foundation street design workshop
- IHE Scotland gave evidence to the Scottish Parliament select committee on sustainable travel
- IHE contributed to DfT’s new road safety policy: A Safer Way
- IHE consulted by Cabinet Office public realm inquiry
- Member of the implementation group for Project Brunel
- IHE joined the World Roads Association, the UK arm of PIARC
- The DfT Signs Review continues with IHE represented on the Steering Committee and three working groups. The Institute has been asked for specific thinking on signing and marking for on-street parking regimes.
- **IHE Employer of the Year** at the Highways Excellence Awards 2009 was Ringway Infrastructure Services for their trainee highway worker scheme. The Award was sponsored by enterprisemouchel for the second year. IHE President, Anthony Sharp, chaired the Judges Panel for the complete suite of the *Highways Awards*.



Steve Blackburn discusses the Ringway Trainee Highway Workers programme, winner of the IHE Employer of the Year 2009, with Prince Charles

Our Branches

The resurgence of local activities in Mercia, Yorkshire and East Midlands was maintained in 2009/2010.

Eastern Branch has now re-emerged with a strong local committee and a local centre has been established in Nottingham.

Self-help groups are also operating in Nottingham, Somerset and Wiltshire helping members prepare for their Professional Review.

The Edinburgh national AGM and Roads Law course showcased the success of IHE’s South of Scotland Branch.

Qualifying you

The **Professional Review** submission for CEng and IEng has been simplified whilst retaining the rigour of the assessment. Applicants now submit evidence of achieving each Engineering Council statement of competence and summarise one or two schemes or projects to present at the Review interview. Feedback is still given on the initial paper submission and the review assessment criteria is unchanged. The revised process is more in line with those of the other major EC institutions such as IET and IMechE.

A fresh cohort of Reviewers and Mentors are receiving training in the new Review and numbers are up for the Preparing for Review courses.

The **Engineering Technician** route uses a similar format but there is not normally an interview. What is new is an Individual Route which opens up EngTech to experienced technicians with no or incomplete

qualifications. This does require a local interview in order to confirm achievement of the competence standards.

It is intended that senior Highway inspectors will be able to use the Individual Route to gain registration.

In 2009 the government woke up to the dire need of industry for technician staff and is backing the new **Technician Council** announced in April 2010. The institutions, led by the Engineering Council and the Royal Academy of Engineering, have backed the fledgling Council which is charged with promoting standards and registration across the professions. Apprenticeships are also now much to the fore although the construction sector has not really engaged with professional level schemes. IHE is keenly aware of the impending skills shortage particularly at IEng and EngTech levels and is working with the DfT-backed Project Brunel to address this.

Working for sustainability

The importance of working sustainably was emphasised in 2009 by the simultaneous launch of the Engineering Council Code of Practice for registered engineers and the IHE Policy Position.

All Professional Review applicants need to demonstrate a commitment to sustainability and all engineers and technicians should be aware of their responsibility to conserve resources and energy and to engage with the wider community.

On environmental technical initiatives, IHE has taken a lead in raising awareness of the implications of the Flood and Water Management Act (which makes SUDS compulsory for new developments) with its April development management seminar. The Institute Vice President, Steve Spender, contributed to an invitation only Defra conference to address climate change and has presented papers on Asset Management and sustainability.

Driving up standards

The **IHE Register of Safety Auditors** was instigated in 2009 allowing auditors, whether members of IHE or not, to demonstrate their compliance with HA 19/03 standards. The Institute also welcomed the conversion of the RoSPA road safety course into an assessed qualification. Registration on the IHE RSA Register, together with the TMS qualification, is seen as a complementary package.

Mayor Brown, Symmons Madge and Buchanan Computing were accredited as **IHE Short Course providers** and their certificates carry the IHE badge.

During 2009 Institute members took part in three university accreditation visits of the **Joint Board of Moderators**, a partnership between IHE, ICE, CIHT and IStructE. The Institute also commented adversely on Edexcel/BTEC's revised HNC which regrettably reduces from 150 to 120 credits, narrowing graduates' opportunities for progression.

The **14-19 Diploma** in Construction and the Built Environment was endorsed, with caveats, and a statement issued by the JBM institutions to clarify approved routes.

From 2010, IHE has withdrawn from the National Forum for Transportation Skills (NFTS) – formerly TVG – although we continue to support the **NTQs** as a route to Engineering Council registration.

A welcome development in 2009 was the establishment of a **Certificate in Traffic Engineering** at the University of West of England. The Certificate led by John Hoppit, formerly of NTU, allows professionals with an HND, Foundation Degree or cognate degree to top up their qualification to allow entry to the standard review for IEng.

Talks have been held with the **University of Derby** to establish the market for a similar certificate for highway engineering.

Enhancing your knowledge

The IHE is committed to delivering **training** and professional development to maintaining engineers' knowledge and competence.

In 2009 foundation training was delivered in development management, highway law, traffic signal control, traffic signing, surfacing and basic construction skills. In several of these disciplines it is also possible to obtain an IHE Professional Certificate to show assessed competence. **Asset Management** training for the IHE Professional Certificate is rolling out in various regions backed by REIP grants.

IHE **Conferences** – forums for knowledgeable practitioners – were held on Road Safety engineering, development management, traffic signs, the Flood and Water Management Act and highway maintenance (with *Highways* magazine).

The free **IHE debates** continued with discussions in Leeds on Manual for Streets pitting enthusiasts "against" road safety experts and in London where Essex and Kent led on residential parking standards and we discovered that Scotland's design guide is at variance with emerging English practice.

IHE Members

Simon Morgan CEng MICE was presented with Honorary Fellowship of IHE at the 2009 Traffic signs Conference. Simon now chairs IHE's Traffic Signs Group and has provided the backbone of the signs courses and conferences for many years.

Steve Spender FIHE has taken over as chair of the UK Footways Group and has joined the UK Roads Board.

The 2009 Award of Merit was presented to **Gerald Cole** FIHE in recognition of his long and dedicated service to the resurgent Southern Branch.



Gerald Cole receives his Award of Merit from the IHE President at the Southern Branch 2009 Winchester seminar

Martyn Grimwood's death in a car crash was a sad loss. He was only 33 and was among the first to gain the IHE Professional Certificate in Traffic Signing.



Delegates at the 2009 traffic signal control course

Members of Council 2009/2010

President

Anthony Sharp, South Gloucester CC

Vice President

Steve Spender, Hants CC

Vice President

Richard Hayes, Northumberland CC

Immediate Past President

Susan Broadway

Honorary Treasurer

Andrew Thurston, Colin Buchanan

Regional Members

Northern Ireland

Noel Fenning, DRD Northern Ireland

Wales

Josie Healy, Denbighshire Council

Scotland

Graham Milne, South Lanarkshire Council

Ordinary Members

Mike Ager, Essex CC

Tim Askew, EnterpriseMouchel

Caron Ballantyne, Mouchel-Lincoln

Chris Bowley, Highways Agency

Bob Hindhaugh

Peter Smith, TMS Consultancy

Stephen O'Donnell, WSP Group

Ellie Gormley, Telford Council

John Hastie, Somerset CC

Nick Newton, Amey

John Nightingale, JCT Consultancy

Colin Subryan, TFL

Nominated Members

Gill Foster, Jacobs

Kate Fuller, TRL

Tony Kirby, Local Transportation Planning

Deborah Swatman, Jacobs

Graduate Members

Tristan Alwyn-Clark, Leicestershire CC

Sara Pegram, Surrey CC

IHE Staff

Judith M Walker, CEO/Secretary

Sandy Lopes, Marketing & Events Manager

Michelle Maguire, Membership Manger
(Maternity Leave from 1 October)

Rebecca Sprunt, Membership Manger
(from 1 October)

Cherrie Baya Ouerghi, Admin Secretary

Julie Clarke, Membership Assistant

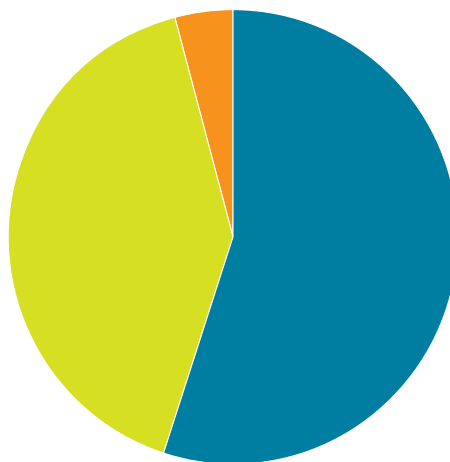
Linda Tydeman, Events Assistant

2009 Financial Results

Income £511,010

Key

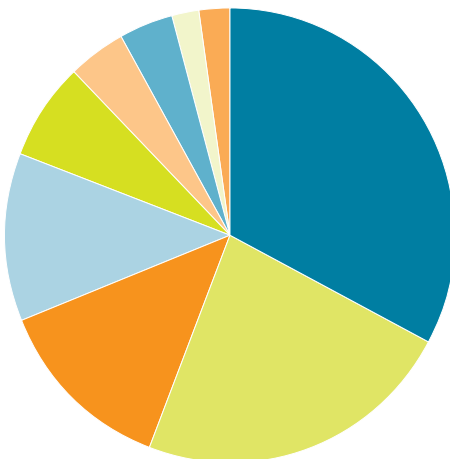
Subscriptions	55%
Conferences and courses	41%
Other	4%



Expenditure £551,260

Key

Staff Salaries	33%
Conferences and Courses	23%
Rent, rates, service charges	13%
Fees, EC, subscriptions	12%
Printing, post, phone, web	7%
Highways, Surveyor, publications	4%
Meetings	4%
Depreciation, renewals	2%
Other	2%



Members may email secretary@theihe.org for a set of Accounts.

News Update

Highway Safety Inspectors

Leicestershire CC has handed in its recommendations for an IHE-led initiative to set standards for the training and assessment of Highway Inspectors.

The Institute will take these to the June UK Roads Board for endorsement.

The Leicestershire report, previewed in the December updates to *Well Maintained Highways*, proposes that IHE accredit public and local authority inspector training and maintain a register of competent-assessed inspectors.

CSCS Card changes

Brian Adams, Chief Executive of the Construction Skills Certification Scheme, provides an update on the scheme for members of IHE:

Established in 1995, CSCS has developed significantly over the years. It now covers almost 400 occupations and there are over 1.5 million current CSCS cards. It works closely with a wide range of professional bodies including IHE to ensure it provides a Scheme that meets the needs of their members as well as the contractors and clients they work with.

Professionally Qualified Persons CSCS Card

IHE members now apply for the CSCS Professionally Qualified Persons Card.

In April 2010 the 'non site' residency requirement was removed so that EC registered members of IHE, once they have passed the Managerial and Professionals (MAP) Health and Safety test, will apply for PQP cards regardless of whether they are site based. These cards are valid for five years and may be renewed on re-verification of the relevant criteria so you will need to keep up your CPD.

The simplest way to apply for a CSCS PQP Card is to use the SkillsDirect Service by calling 0844 2485262. You will be asked about your membership and will also need to provide your name and address, date of birth and National Insurance number. Your Managerial and Professional (MAP) Health and Safety test will be booked and you will be told what documentation you need to take with you to the test. You will also need to pay for the card and test. Once you have passed the test you will receive your card in seven days.

Alternatively, you can manage the process yourself by booking a MAP health and safety test, completing an application form and returning it with the appropriate

documentation. You can download an application form from www.cscsuk.com/application.

If you wish to revise for the test there is a range of books and DVDs available or visit www.healthandsafetytest.co.uk. Please note that there are specific materials to cover the MAP health and safety test.

CSCS goes Smart

The start of 2010 saw a major improvement to the Scheme with the introduction of a SmartCard to reduce fraud. CSCS cards have always helped address the issue by displaying qualifications and competencies, but SmartCards make it simpler and quicker to check that a card is current and belongs to the person who is showing it. Readers are cheap and only require internet access.

Other benefits that smart technology brings include:

- enabling some information to be updated by computer without the need to apply for a new card
- storing non-CSCS data by installing a simple computer program called an applet onto the chip

Organisations such as trade associations, contractors, clients or professional practices will be able to purchase applet licences to add their individual software requirements to the SmartCards. CSCS is also considering how it may work with other card issuers so that people who need access to construction sites potentially need only carry a single card in the future.

www.cscsmartcards.co.uk

In summary, CSS is working hard to ensure that the Scheme continues to evolve appropriately to meet the needs of everyone who works in construction and related sectors and especially the professionals who underpin the industry and provide leadership.

IHE Employer of the Year 2010

Nominate your company www.hmea.co.uk
Closing date 25 June 2010.

Highways

All IHE members receive *Highways* magazine ten times a year. You can also read a digital copy by registering at www.highwaysmagazine.co.uk

Surveyor

Surveyor is now printed fortnightly and carries IHE Focus once a month.

In between, subscribers receive an electronic news magazine: be sure *Surveyor* has your email address.

IHE members enjoy an exclusive discount on a subscription to *Surveyor* – £36.00 for 12 months. Email or telephone IHE to sign up.

www.theihe.org

Go to the **Knowledge Network** for resources, links and updates in

Highway Maintenance
Asset Management (NEW)
Road Safety
Development Management
– Parking (NEW)
– Drainage (NEW)
Public Realm

On the Member's Area:

Notice Board for news of members' other interests
Need Advice?
– Career breaks
– PI Insurance
– Redundancy help

www.homezones.org.uk

Now also covers Shared Space.

Preparing for Professional Review courses 2010

If you want	Attend
General coverage with a CEng stream	1 July, Leeds 5 October, London
CEng & IEng non-standard routes	1 July, Leeds

Your 2010 training SPECIAL OFFER

To assist you to maintain your continuing professional development in difficult times, members are offered an IHE one day course or conference at a 50% discount.

For example, "Improving your Skills in Traffic Signs" will cost you or your organisation £112.00.

2009 Sponsors

Buchanan Computing

www.buchanancomputing.net

Atrium

www.atriumsoft.com/index.htm

Colas Scotland

www.colas.co.uk

Amey

www.amey.co.uk

Passive Safety

www.ukroads.org/thepassiverevolution/

Surveyor

www.surveormagazine.co.uk

Ronald Docherty Surveyors

Corporate Members

Companies can now support the Institute through a Corporate Member scheme which offers:

- Your logo and a direct link to your website on the Corporate Members page on the website
- £10 discount per delegate for all IHE Conferences and short Courses
- Promotional inserts into delegate packs at relevant Conferences and Courses
- Copies of Highways magazine
- 1 free place at our Annual Dinner and a discount on a table for 10
- Discounted exhibitor rates at IHE Conferences
- Listing in our Annual Review

Current Corporate Members

ACO

www.aco-technologies.com

Atrium

www.atriumsoft.com/index.htm

Buchanan Computing

www.buchanancomputing.net

Colin Buchanan

www.cbuchanan.co.uk

JPCS

www.jpcs.co.uk

Local Transport Projects

www.local-transport-projects.co.uk

Tensar International

www.tensar.co.uk

Total Bitumen

www.bitumen.total.co.uk

Contacts and links

Email: secretary@theihe.org

www.theihe.org

www.theihe-southern.org

www.homezones.org.uk

www.motorcycleguidelines.org.uk

Sign up for Discussion groups

Development Control Group moderated by IHE
<http://uk.groups.yahoo.com/group/ukhighwaydevcon/>

An independent Home Zones site

<http://groups.yahoo.com/group/homezones-discuss-1/>

ADEPT/CSS Traffic Signals Forum

www.theihe.org/tsforum/



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