My Dad – Colin Wilson CEng, MIMechE

ANT WILSON
SUSTAINABILITY
MY DAD INSPIRED ME TO BE AN ENGINEER
University of Bath Student (1975-1979)
Joined Oscar Faber – July 1979

- Bank of England
- Palace of Westminster
- Barclays Bank
- Dr Oscar Faber
- Earls Court
Oscar Faber (1886 – 1956)

Dr Oscar Faber, OBE CBE DCL(Hon) BSc DSc MICE MInstP MIEE PPIHVE FCGI, was president of two professional bodies — the Institution of Heating & Ventilating Engineers (1944-45) and the Institution of Heating & Ventilating Engineers (1944-45) — and the Institution of Heating & Ventilating Engineers (1944-45) — and the Institution of Heating & Ventilating Engineers (1944-45) — and the Institution of Heating & Ventilating Engineers (1944-45) — and the Institution of Heating & Ventilating Engineers (1944-45) — and the Institution of Heating & Ventilating Engineers (1944-45). World War I work on non-magnetic mine casings and his contribution to the House of Commons after World War II.

Faber was among the small group of engineers working with concrete at the time of its infancy. His pioneering work on the theory and practice of reinforced concrete, and particularly his development of what is now called 'limit state' design, set the criteria for modern methods. Many contemporary industry standard practice. He also made significant contributions to the education and integration into structures. He liked form to be dictated by function but also felt that practical buildings could be beautiful.

Perhaps his best-known work is the new Bank of England in Threadneedle Street. Like his contemporary Ove Arup, Faber relished opportunities to design and construct new and groundbreaking structures and believed that engineer/architect collaboration was the key. Nevertheless, on work such as the underpinning of Durham Cathedral and the Spillers' mills, he worked entirely successfully without an architect.

Bibliography:
- Jane Monson, edited by Eleanor Knowles and Jane Joyce

This feature is sponsored by AECOM.
Computers in Building Services Engineering

by P. L. Martin

Oscar Faber & Partners, St. Albans, Herts. AL1 3HT (Great Britain)


481

The development of computer programs in the field of building services engineering has accelerated considerably in the United Kingdom over the past five years. Whilst co-ordination by Central Government has been attempted, this has been only partially effective. Commercial bureaux offer a variety of simple ‘closed circuit’ programs but the real long term exercises are currently directed towards the totality of the design process, including cost control. The use of a CRT visual display unit in interactive design, with emphasis upon full co-ordination with the building structure, is probably the practice which shows most promise for the future.
Oscar Faber Association with IHVE & CIBSE

Past Presidents of IHVE/CIBSE

Oscar Faber 1945&1946
Robbie Kell 1952
Peter Martin 1971
Jack Gura 1982
Alec Moir 1995
Doug Oughton 2002
Rob Manning 2010
Heating & Air-Conditioning of Buildings

First published 1936
Second edition 1943
Third edition 1957
Fourth edition 1966
Fifth edition 1971
Sixth edition 1979
Seventh edition 1989
Eighth edition 1995
Paperback edition 1997
Ninth edition 2002
Tenth edition 2008
Eleventh Edition 2015

Faber & Kell

People, Places & Projects
Faber Computer Operations
Summary  Deaths due to toxic fumes produced during a building fire account for over 50 per cent of all fire deaths. This has given rise to the need for more detailed studies of smoke movement, particularly in health buildings. The development of computer techniques has provided methods to model various smoke control systems and test their effectiveness for any given fire condition. This paper describes the validation of the computer program developed by Oscar Faber and Partners for predicting the spread of smoke through buildings. The predicted smoke spread is discussed in relation to the known smoke spread following a fire in a large hospital complex.

Validation of a smoke movement program

S. J. IRVING, BSc(Eng), MCIBS and A. P. WILSON, BSc
# AIC and AIVC Conferences

## 8th AIVC Conference - Ueberlingen, West Germany - 21-24 September 1987
The 8th AIVC Conference - Ventilation technology research and application, was held in Ueberlingen, West Germany, 21-24 September 1987. Contains 40 papers.

## 7th AIVC Conference - Stratford-upon-Avon, UK - 29 September - 2 October 1986
The 7th AIVC Conference - Occupant interaction with ventilation systems was held in Stratford-upon-Avon, UK, 29 September - 2 October 1986. Contains 27 papers.

## 6th AIVC Conference - Southern Netherlands - 16-19 September, 1985
The 6th AIVC Conference - Ventilation strategies and measurement techniques was held in the Southern Netherlands, 16-19 September 1985. Contains 32 papers.

## 5th AIVC Conference - Reno, US - 1-4 October, 1984
The 5th AIVC Conference - The implementation and effectiveness of air infiltration standards in buildings was held in Reno, Nevada, US, 1-4 October 1984. Contains 24 papers.
FACET with Sonata and FloVent – 1991
FACET Marketing in Shanghai 1994
In order to aid our work NAIR VEN OSCAR FABER SDN BHD has invested heavily in computerising many of our work areas especially in design and drafting. By upgrading, we have improved the standard of service, the quality of drawings and co-ordination. To date we have Design Software Packages for Lifts, Air Conditioning, Electrical Services and Structural Analysis + Design Packages.
Design and Integration of Software

**Take the guesswork out of design**

- **Accuracy**
- **Quality**
- **Versatility**
- **Productivity**
- **Profitability**

- Full dynamic thermal simulation
- Windows compatible
- Duct, fan, pipe and pump sizing
- Networkable
- 16th Edition IEE cable sizing
- 380/415 PC and Unix based
- Electric and daylighting analysis
- CIBSE heat gain and loss analysis
- Full technical support and training

**FACET LTD**
Building Services Software

**INTERFACET**
Performance... Productivity... Profitability.

INTERFACET software, in conjunction with Intergraph MicroStation™, gives an immediate improvement in the speed and productivity of design and draughting within a single CAD environment.

- Enables better data management to increase quality assurance.
- Creates in hours what used to take days.
- Increases profitability through increased productivity.
- Analysis of the building fabric for heat losses, heat gains, daylight and electric lighting.
- Sizing of the ductwork, pipework and electrical systems.
- Multi-platform, including PC and UNIX.

**Contact** Andrew Maskell or Simon Pinder-Hiles
IES ACQUIRES FACET

In October 1996, IES expanded its business horizons with the successful acquisition of the FACET software from Oscar Faber, one of the world's leading building engineering companies.

Revealing the growing ambitions of IES, Doug Wilkie, the company's Commercial Director, described the takeover as "a move that underlines IES as the market leader in providing the most complete and relevant set of building design software for the construction industry."

and its proven validity, through hundreds of man-years of use within Oscar Faber and other organisations. This makes Facet a perfect match with the current performance based "Virtual Environment" software."

IES Scoops Start-Up of the Year Award

With its emerging "Virtual Environment" system, IES was recently announced winner of the Young Start category of The 1996 Glasgow Business Start-Up of the Year Awards. At the awards ceremony in Glasgow, the directors of IES were presented with £20,000, a trophy and a framed certificate.

More than 200 firms entered the competition, which was run and supported by the Glasgow Development Agency (GDA) and sponsored by the Royal Bank of Scotland and The Herald newspaper. The awards are intended to highlight early successes and promote the
Oscar Faber Applied Research

BRE Environmental Tests

APACHE Thermal Modelling

FloVent CFD Simulations

Pilkington Windows

Test Results

OptF31H Ground Floor Comparison

Room Comfort Temperature °C

No. of Hours

GN GE GS GW
Computer Modelling

ModelIT

SunCAST

FloVent CFD Simulations

MicroStation

APACHE

Radiance Daylight

Electric Lighting
Integer House in Oscar Faber AR 1998

"From a standing start - no site, no plans, no builder, no money - we created one of the most innovative fully-functional buildings in the world. In just 12 weeks. It was a task of teamwork, and Oscar Faber made a key contribution. Not only did they design and procure many of the building services systems, but they also helped to install them. They took up the challenge and worked tirelessly, working closely with the other organisations who were involved. Their efforts were far beyond the call of duty."

Nick Thompson, INTEGER Project Director

"The INTEGER housing project shows how design and construction can benefit from technology within a partnership. We applied the most appropriate intelligent and environmentally sensitive technology, such as energy-efficient heating and water recycling, to provide state-of-the-art building services. Our expertise resulted in an innovative yet practical living environment."

Dr Garry Palme, Principal Consultant, Oscar Faber Applied Research

People, Places & Projects
INTEGER House Projects
CFD Analysis of Food Store

- Floor temperature of 30°C gives acceptable conditions
Sainsbury’s Low Energy Store at Greenwich
Sainsbury’s Millennium Store, Greenwich


Oscar Faber: Adding Value in the Retail Sector - Feasibility Studies, Validation, Mechanical & Electrical Engineering Design - Achieving Excellence through Practical Applied Innovation.
Work on John Hanson School, Andover
Low Energy / Innovation Projects
The first Xscape opened in Milton Keynes in June 2000 and since then has had more than 4m visitors - only 1m fewer than the Millennium Dome ever managed during its miserable history. Housed in a huge hall that is kept two degrees below freezing, it has a 170m indoor ski slope - the longest in Europe at the time.
TEAMWORK 2000 (Bentley Award 2000)
School Energy Consumption Guides

**ENERGY CONSUMPTION GUIDE 73**

**Saving energy in schools**
A guide for headteachers, governors, premises managers and school energy managers

- Reduce energy costs and environmental impact
- Compare energy performance with benchmarks
- Implement an energy efficiency action plan

**GOOD PRACTICE GUIDE 259**

**Saving electrical energy in schools**
- good housekeeping for lighting, IT and other curriculum-based equipment

- No-cost good housekeeping practices to reduce energy costs
- Lowering carbon dioxide emissions through the energy-efficient use of electrical equipment
Odyssey Sports Arena, Belfast

Consulting Engineer of the Year

Building Awards 2002 WINNER
Ant Wilson – Director of Advanced Technology

- Overall responsibility for the utilisation of advanced technology techniques for your projects
- Responsible for the development of appropriate innovative engineering solutions
- Responsible for the integration of sustainable construction techniques into mainstream design
- Responsible for the development of low energy solutions
- 20 years experience of working with project teams in the development of advanced technologies
One World Trade Center & PATH

A 3.5 million-square-foot (325,160 square meters) tower that will reach 1,776 feet (541 meters) high, making it the tallest building in the United States when complete.
Path Terminal, New York City
Unity City Academy opened in 2003. It was formed by the merger of Keldholme School and Langbaurgh School.
CIBSE TM35:2004 – Façades

Environmental performance toolkit for glazed façades

Façade Selector 2004

Important:
1. The Façade Selector interrogates pre-calculated data based on 37 glazed façade options only, and therefore does not represent all systems available in the market.
2. Allocated credit for use as a calculation tool (Technical Note 10, 2004 South East Façades) concludes.

Façade Selector

- Orientation:
- Glazing Type:
- Only façades without shading devices
- Peak heating loads less than or equal to:
  - Min Value: 37.2
  - Max Value: 104.2
- Peak cooling loads less than or equal to:
  - Min Value: 47.3
  - Max Value: 120.9
- Peak solar gains less than or equal to:
  - Min Value: 156.8
  - Max Value: 14.6
- Average daylight factor greater than:
  - Min Value: 3.83
  - Max Value: 3.35
- Glazed façade area less than or equal to:
  - Min Value: 400
  - Max Value: 115

Note: The min and max values for each performance criteria denote the uncertainty of the criterion for the selected orientation.

Show Façade Options
Show Summary Report
Show Comparison Charts

TM35: 2004
Society of Facade Engineering
BP Office Redevelopment, Dyce
Low Carbon Refurbishment of Buildings
A guide to achieving carbon savings from refurbishment of non-domestic buildings

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King Alfred Development, Brighton
Cardinal Place, Victoria, London

Cardinal Place is a retail and office development in London. The site consists of 2/3 buildings covering over a million square feet opposite Westminster Cathedral and was designed by EPR and topped out in December 2004.
BAS Halley 6 in Design & Operation

RIBA Competition
Launched 26/6/04
86 Teams globally entered
Michael Wright at BAS Halley V,
Broadcasting House, London
AECOM and its more than 30,000 employees worldwide experienced a historic company event earlier this month when shares of AECOM common stock listed on the New York Stock Exchange (NYSE) under the ticker symbol “ACM.”

The company received a warm Wall Street reception on May 10th, its first day as a publicly traded company.

Faber Maunsell makes FT Best Workplaces Table

Faber Maunsell has placed in the Financial Times 50 Best UK Workplaces 2007.

“We have been associated with ‘Best Company to Work for’ Initiatives since 2001 and have received eight FT or Sunday Times awards since then,” said Chief Executive, Ken Dalton. “As we have featured in this type of initiative for seven years, this ‘Financial Times 50 Best Workplaces’ Award displays our consistency as a good employer – but we are always seeking to improve further.

“We have certainly worked hard to develop a forward-thinking management philosophy that encourages individuals to realise their own potential and take a personal stake in the company’s future. Our success in these awards, and our own staff surveys over the last nine years have shown that our people are proud of working for Faber Maunsell.”

The Great Place to Work Institute® UK believes that to find the best places to work in the UK, you have to ask the staff, so that is what they did. Employee questionnaires were sent to a random sample of 400 Faber Maunsell staff. The results formed a vital part of the extensive research carried out to identify the UK’s 50 Best Workplaces. Any
London 2012 Olympics
Rio Olympics 2016
Al Wakrah Stadium, Qatar
Introducing school children to the excitement of engineering

If pupils at school do not know about building-services engineering, how can they express an interest in joining the profession?

Ann Wilson shares his experiences in taking the initiative and making them aware of the excitement of engineering.

Many people express concern about the shortage of people and skills in the building-services industry, with a belief that there is more talk than action. Committees and working parties abound, discussing plans and identifying needs. Meanwhile in Hertfordshire a dedicated group of people from a large firm of consulting engineers is doing much more than just talk.

For many years, Ann Wilson of AECOM, which has a large office in St Albans, and a team of about 30 ambassadors, has been working with schools in the area to promote and stimulate interest in engineering. This work is not a series of one-off presentations but, rather, a continuous process of sowing and nurturing seeds that inspire and develop all.

The idea of making children at school feel good about engineering, says Ann Wilson, means ‘We don’t just talk in schools assemblies. We get children of all ages involved in the day-to-day experience of engineering by taking them into schools, holding lunchtime talks, high-visibility jackets and goggles. The younger pupils love it!’

The project starts young and continues right through to specification, university, students and placements.

AECOM has an ambassador link with several primary and secondary state schools in St Albans and some further schools in Hertford and North London. They are all cleaned by the Contract Services team.

Some pupils from schools in the area also observe their work experience with AECOM. Many who are 14 to 15 years old are seeking information for further education.

Una James is a further education student at Hitchin Grammar School. Since she started with AECOM, Una has been to five different AECOM offices, been involved in three projects, and has helped on ten different assignments. She recently completed a week-long experience as a member of the AECOM team at the London School, helping to design an accommodation block.

The Engineering & Architecture team at AECOM is based in a large office in Haringey, north London. They are responsible for all aspects of engineering design, from feasibility studies to detailed design.

The company has a strong commitment to promoting the engineering profession and is a regular visitor to schools in the area. The team has a long-standing relationship with local schools and has been involved in a number of projects with them. They have helped to promote the importance of engineering to pupils and have encouraged them to consider careers in the field.

The team has been involved in a number of initiatives to encourage pupils to consider engineering as a career. They have been involved in a number of schemes, including the ‘Engineering is Cool’ campaign, which aims to promote engineering to pupils in primary and secondary schools. They have also been involved in the ‘Engineering for Life’ project, which aims to encourage pupils to consider engineering as a career.

The team has a strong commitment to the local community and is actively involved in a number of initiatives to help pupils in schools. They have helped to fund a number of projects, including the construction of a new science block at a local school.

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H&V / CIBSE Graduates Awards
The H&V News Awards are recognized across the industry, with winning projects gaining prestige and credibility. The awards offer an excellent opportunity to gain exposure for your project, highlight success to customers, and raise your profile and standards. If you have a project you want to enter, ensure it is of the highest standard and marks some form of excellence and innovation. You have until Tuesday, 1st May to ensure your project is entered for the 2008 awards. Numerous members of the judging panel would appreciate an early submission. As with previous years, the panel of judges are experts in their field and are experienced in judging design and building awards. The panel is comprised of: (front row, left to right) Peter Mayo, Ant Wilson, Nick Mead; (second row, left to right) Tony Amura.
Top “GREEN GURUS” Building 2007

People, Places & Projects
One of CIBSE Most Influential Figures

Peter Warburton
The Arup man was lead MEP designer on the Gateway 2 project for Wiggins Tissue in Braintree. The seminal building, completed in 2003, provided a naturally-ventilated workspace for 150 office staff thanks to a central, top-lit atrium which acted as a natural chimney. Warburton has worked to spread best practice, speaking at initiatives such as a British Standards Institution initiative in Denmark and the Institute of Physics engineering management group.

Ken Yeang
The Malaysian-born architect is renowned for his work with high-rise buildings that are constructed and developed with special consideration for the ecological impact they will have. Yeang was the co-founder of the TM Hamson & Yeang practice based in Malaysia, and is a director of London-based architect and planner Kenneth Davies Yeang, which has projects in Kazakhstan, Uzbekistan and Canada on its books as well as Great Ormond Street hospital in London. His latest book is Ecocitymongers.

Robert Higgs
Higgs, chief executive of the Heating and Ventilating Contractors Association since 1999, has been instrumental in shaping UK policy on.

Ant Wilson
CIBSE awarded its silver medal to Wilson in recognition of his 30-year contribution to engineering. He leads Faber Maunsell’s applied research group and his interests include the environmental performance of facades, renewable energy technology and dynamic thermal simulation. Many students have benefited from his lectures, including those at Cambridge and Loughborough.

For the love of sustainability

One of the most sustainable developments at Faber Maunsell, tells HVR editor Paul Braithwaite why he loves his job so much

ANT Wilson is a modern man. He seems genuinely surprised that he counts himself as one of the best-known personalities in the building services industry.

He has also become the acceptable face of government, working methodically in bringing the new legislation, regulations and initiatives to contractors, consultants and, yes, even politicians, in a way which helps to understand them, pitching his communications and lectures at a level which does not make us feel inferior.

He is also probably the only ambassador that Faber Maunsell could have, having all links with government, organisations, campaigns groups, etc. Faber Maunsell is very much at the heart of the government’s thinking on much of the energy efficiency legislation, being involved in the planning stages of parts C and F of the Building Regulations, and housing planning issues.

When asked how he likes to relax, the answer is clear, that after being resident at the building for a short time, he goes to a gym and plays golf.

It is a case of getting the appropriate people around the table. Everyone has a point to make — such as CIBSE or the World Wildlife Fund, which have strong environmental views, alongside industry bodies such as FEPA, PEA and government.

Then the fun starts.

“What we have to do is to find a consensus which is also acceptable to the stakeholders.”

And he laughs when he says that others can only relax when he is off duty and spends his time reading and watching cricket. For all that, it is, says, and Faber Maunsell at the centre. He loves his job, as business unit director, Sustainable Development Group. Every single facet of it. Faber Maunsell is an interna-
CIBSE Silver Medal – July 2007
Ant Tops Most Influential List

25 June 2008 | Author: Paul Collins

Faber Maunsell’s Ant Wilson has been named the UK’s journal Heating and Ventilation (H&V) News.

Already a well known and much respected figure within building services, who have influence on the legislation.

A statement from H&V probably the industry applied research group promoting low energy.

The award is the second time Ant has been awarded the prestigious (Chartered Institute of Building Services Engineers) for being outstanding.

Ant said: “To be considered by my peers and chief executives for this real surprise.

"However, the honour, something which has all worked very hard.

Further praise from H&V News about Ant Wilson's contributions and influence within the industry.
ACE, CIBSE and IMechE Awards
With CIBSE in Hong Kong in 2009

Presentations for
HK IE - BSD
ASHRAE - HKC
CIBSE – HKB
PolyU - BSE
Targetzero - All Five Reports

www.targetzero.info
There is a huge opportunity to use resources more efficiently in the building services industry. A groundbreaking initiative led by WRAP and CIBSE will look at how building services represent around 35% of the capital cost of a typical city office building and 40-50% of lifecycle expenditure over a 30-year period. Aecom estimates that building services represent 2%-12% of the total embodied carbon of a typical building, with highly serviced areas such as trading floors and...
Nottingham Zero Carbon Lab (GSK)
Zero Carbon Lab at Nottingham

The building sets a new higher benchmark for renewable design in laboratories. It is the first zero carbon laboratory in the UK and is believed to be the first chemistry lab to achieve combined BREEAM Outstanding and LEED Platinum accreditation.

Renewable energy is generated by photovoltaic (PV) cells, a biofuel combined heat and power unit and biofuel boiler. The power and heat exported by these are sufficient to offset the carbon embodied in the construction of the building.

The PV is incorporated into the roof structure as well as the rooflights into the building’s winter garden to allow light in while still generating power.

A biofuel CHP is used to provide heat and power with minimal carbon emissions. Additional heat is provided by a biofuel boiler, with the target of all heat generation being low-carbon. LTHW connections are provided to adjacent buildings to both maximise operation of the CHP and share the benefits of its low-carbon heat.
Royal Academy of Engineering

In accordance with The Royal Charter & Statutes

The Royal Academy of Engineering

elected

ANTHONY P. WILSON
FELLOW

ON THE FOURTEENTH DAY OF JULY 2015

President

Chief Executive
‘Mr Building Services’ made an MBE in New Year Honours

Ant Wilson rewarded for more than 30 years’ service to the industry

The man memorably described as ‘the most famous person in building services’ by former CIBSE President George Adams has been made an MBE in the New Year’s Honours List.

Ant Wilson, director of sustainability and advanced design at Aecom, has been rewarded for services to building and engineering.

A CIBSE Fellow and Silver Medallist, Wilson has been a key figure in the sector for more than three decades. He has contributed extensively to the institution’s work in building modelling, facade engineering, lighting, carbon reduction and energy certification. He was an adviser to the government on Building Regulations for many years, and was awarded Fellowship of the Royal Academy of Engineering in 2015.

Wilson was a member of CIBSE Council from 2003-2009 and served on the CIBSE Carbon Task Force. He was also a founding member of the Society of Façade Engineering, is a Fellow of the Society of Light and Lighting, and currently serves on the CIBSE Certification Advisory Group and on the CIBSE Knowledge Programme sub-committee.

A former winner of the ACE Engineering Ambassadors award and the Institute of Mechanical Engineers award for promotion of construction and building services, Wilson has also served his local church in Dunstable for more than 30 years.

‘CIBSE offers its warmest congratulations to Ant Wilson, who has made outstanding contributions to the engineering industry, and has been an exemplary voluntary contributor to CIBSE and wider society for more than 30 years,’ said CIBSE President John Field.

‘This latest honour is a richly deserved recognition of the impact he has had on a vital industry for the UK economy and society as a whole, and the difference he has made through tirelessly giving his time and energy to ensure that it continuously improves.’

MBE for Ant Wilson

Ant Wilson, director for sustainability and advanced design at multi-disciplinary consultancy AECOM, and perhaps one of the best-known figures in the building-services industry, has been awarded an MBE in the New Year’s Honours List. He has worked for many years promoting and advancing engineering and sustainability. This includes being a STEMNET ambassador since 2002, which sees him making regular presentations in schools to promote STEM (science, technology, engineering, mathematics) education.
A Big Thank You to BSRIA

BSRIA Council member, Ant Wilson awarded MBE

BSRIA council member Ant Wilson, Director – Sustainability & Advanced Design – Building Engineering at AECOM, was awarded an MBE in the New Year’s Honours List.

Ant Wilson is recognised as one of the UK’s most influential building services engineers and works tirelessly in the promotion and advancement of Engineering and Sustainability. This includes becoming a STEMNET Ambassador (2002 – present) which sees him undertaking regular presentations in schools to promote STEM (science, technology, engineering and maths) subjects and in particular engineering as a viable long term career option, changing the perception of the built environment engineering from the traditional construction industry and aligning it to the reduction of both energy consumption and carbon usage.

In addition, Ant has been a member of the Building Services Research and Information (BSRIA) governance council since 2001, providing industry insight that allows BSRIA to take a leading position in the development and implementation of best practice for the industry.

Google’s new £600m HQ in London

Lendlease is set to scope a £600m deal to build Google’s new HQ in London. Bids were submitted in November 2016, with Mace, Multiplex and Sir Robert McAlpine also taking bids. The construction value for the project is £600m for the shell and £200m for the fit-out. Currently Google are based in multiple sites in London, the new building will allow for all the staff to be brought together under one roof.

Source: Construction News
MBE Investiture at Buckingham Palace

Elizabeth the Second, by the Grace of God of the United Kingdom of Great Britain and Northern Ireland and of Her other Realms and Territories Queen, Head of the Commonwealth, Defender of the Faith and Sovereign of the Most Excellent Order of the British Empire, to Our trusty and well-beloved Anthony Peter Wilson, Esq.

Greeting

Whereas We have thought fit to nominate and appoint you to be an Ordinary Member of the Civil Division of Our said Most Excellent Order of the British Empire.

We do by these presents grant unto you the Dignity of an Ordinary Member of Our said Order and hereby authorize you to bear, hold and enjoy the said Dignity and Rank of an Ordinary Member of Our aforesaid Order together with all and singular the privileges, honours, appurtenances, belonging or appertaining.

Given at Our Court at Saint James’s under Our Sign Manual and the Seal of Our said Order this Thirty-first day of December 2018 in the Fifty-fifth year of Our Reign.

By the Sovereign’s Command.

Grant of the Dignity of an Ordinary Member of the Civil Division of the Order of the British Empire to Anthony Peter Wilson, Esq.
BESA Gold Award at H&Vnews Awards 2017

The recipient of this year’s H&V News Gold Award, sponsored by BESA and given for exceptional contribution to the industry, was once described as “the most famous person in building services” by former CIBSE president George Adams.

Ant Wilson is possibly the closest thing we have to a ‘national treasure’ in the sector and his selfless contribution to enhancing the world of building and engineering was recognised by an even higher authority that H&V News – when he was made an MBE in the Queen’s 2017 New Year’s Honours for services to building and engineering.

A graduate in Building Environmental Engineering from the University of Bath, Mr Wilson joined Oscar Faber as a software engineer in 1979 and rose to the rank of a director of the main group company when it became Faber Maunrell in 2001. Today the company is part of AECOM – one of the largest engineering and building modelling, façade engineering, lighting, carbon reduction and energy certification.

He was an advisor to the government on the Building Regulations for many years, and was awarded Fellowship of the Royal Academy of Engineering in 2015.

He was a founding member of the Society of Façade Engineering; is a Fellow of the Society of Light and Lighting; and has worked closely with the Building Engineering Services Association (BESA) as an expert speaker, particularly on the Building Regulations.

In his career he has been recognised with awards from the Association of Consulting Engineers and the Institution of Mechanical Engineers. He was also named by H&V News in 2008 as “the most influential person in building services”.

However, as well as being an outstanding engineer, Mr Wilson believes that what we do should contribute to creating a better society. He
Presentations and Innovation

Built Environment: Innovations, Trends and Opportunities

- Energy
- Health & Wellbeing
- Climate Change
- Urbanisation
- Digitisation
- Building Codes
- Resources & Materials

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Ant Wilson MBE, FREng, CEng, FCIBSE, FEI, FSFE & MSLL
Director - AECOM Fellow
Building Engineering EMEA
AECOM UK
Family Still Support Me
THANK YOU FOR LISTENING

It's one thing to imagine a better world. We're built to deliver it.

Built to deliver a better world

6th December 2018
Future Thinking With Daikin