



EDITORIAL PROGRAMME 2014

Not only must buildings deliver a comfortable environment for those who work and live in them, but they must also minimise their energy consumption and emissions in so doing. Those are the guiding principles for our editorial programme for 2014.

JANUARY 2014

Boilers: Replacing boiler plant or operating it better is an extremely effective way of reducing carbon emissions. And most types of renewable energy depend on boilers to support them.

Commissioning: In partnership with the Commissioning Specialists' Association, we regularly promote the importance of commissioning and its vital contribution to the effective and energy-efficient operation of buildings.

FEBRUARY 2014

Piped Services: Heating and air conditioning services rely on extensive systems of pipework to convey hot or chilled water. Unless the network of pipes is well designed and carefully installed, the services installation will be perceived as inefficient and ineffective.

Controls & Building-Management Systems: In conjunction with the Building Controls Industry Association, *Modern Building Services* will present four industry perspectives throughout the year.

MARCH 2014

Maintenance & Refurbishment: Ever-more challenging targets for reducing carbon emissions cannot be achieved without effective maintenance of building-services equipment and using the opportunities presented by refurbishment to reduce the carbon footprint of existing buildings.

Building Regulations: With the delayed Building Regulations finally coming into effect in April 2014 comes the time to share ideas and expertise. Just how can increasingly stringent targets for the energy used by buildings be met — and what might we expect in the future?

Sustainability Live Preview (1 to 3 April 2014)

APRIL 2014

Renewable Energy: An energy-efficient building with efficient plant, efficiently run is well placed to exploit renewable energy. Our feature will cover heat pumps, biomass, solar energy, natural ventilation and daylight.

Marking 10 years: With our first issue having been published in the spring of 2004, *Modern Building Services* is far and away the youngest magazine in the industry. Much has happened during those last 10 years, and this special feature will reflect on technological progress over that period and look 10 years ahead.

MAY 2014

Boilers: With the heating season over comes the opportunity to take a considered look at doing all those things that could not be done during winter to upgrade existing plant or install new equipment.

Controls & Building-Management Systems: This month sees the second in the series of industry viewpoints on controls and building-management systems — including input from the BCIA.

JUNE 2014

Air Conditioning: Given the concerns about its environmental impact, air conditioning must continue recent trends and become more efficient and have less environmental impact — as increasingly required by European legislation.

Commissioning: The second of our two features this year in partnership with the Commissioning Specialists' Association to promote the importance of commissioning and stimulate better practice.

Preview Energy & Environment Expo (17 to 19 June 2014).

JULY 2014

Maintenance & Refurbishment: The capabilities of effective maintenance procedures to improve comfort in buildings at the same time as reducing energy consumption and carbon emissions are amply proven. Likewise, the simple replacement of much existing plant with its modern equivalent can bring equally significant benefits.

Domestic Hot Water & Water Services: These services in buildings use a valuable resource (water) and energy to heat it. Renewable energy to produce hot water will feature, as well as health issues and ensuring that water is used efficiently and effectively.

AUGUST 2014

Renewable Energy: Behind all the controversy and shenanigans concerning renewable energy, there is a much effective use being made of a number of technologies in buildings. This feature will be looking to share experience and expertise that has been accumulated in the building-services industry.

Controls & Building-Management Systems: The third in our series of prospectives on controls and building-management systems presented in collaboration with the BCIA will inevitably focus on the role of systems in reducing energy use and carbon emissions.

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SEPTEMBER 2014

Boilers: The approaching heating season provides the ideal time to think about boilers. With replacement comes the challenge of integrating new boiler technology with existing heating systems and with renewable energy.

Energy-Efficient Building Systems: Unless it is part of a system designed to exploit its capabilities, even the most energy-efficient equipment cannot deliver its full potential. This feature will cover heating, air conditioning, lighting and ventilation — to name but a few.

OCTOBER 2014

Piped Services: Prefabrication and materials are issues that dominate the design and installation of pipework systems. This feature will also focus on pumps, valves and other fittings.

Quick Fixes: In looking for ways of reducing the energy consumption of buildings and the cost of that energy, what are the quick, simple and cost effective approaches? Expect some surprises, as well as being reminded of a host of tried-and-tested technologies.

NOVEMBER 2014

Space Heating: Just as buildings are used for many different purposes, so there are many ways of heating them. This feature will consider radiator systems, underfloor heating, radiant heating, warm-air heating, heat pumps and air-conditioning systems to deliver heating.

Controls & Building-Management Systems: The last of our series of industry perspectives this year on controls and building-management systems in conjunction with the BCIA.

DECEMBER 2014

Maintenance & Refurbishment: With a planned programme of maintenance and refurbishment, the energy used by buildings and their services will rise inexorably. This feature will share ideas and experience in keeping buildings operating at peak efficiency.

Renewable Energy: There is a limit to how far the energy consumption of a building can be minimised, which is when renewable energy comes to the fore. Proven technologies for building-services engineering are biomass, solar and heat pumps.

MBS ROUND-TABLE

MODERN BUILDING SERVICES

Periodically during the year **MBS** will host a series of round-table discussions bringing together informed experts on a range of industry issues, with the discussion being summarised in the magazine.

As well as the potential subject areas listed below, we also offer the opportunity for clients to propose and sponsor round-table discussions.

- Heat metering for RHI
- How to improve EPC ratings
- Toward low and zero buildings
- BIM
- Building Performance Evaluation

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