Following the success of last year’s spectrum event (The Next Decade), Ofcom is planning to hold similar events on an annual basis. The next event will take place on 1st - 2nd October and will once again give an opportunity to hear from a broad range of industry stakeholders as we discuss the management of UK spectrum.

The 2014 event will highlight our on-going short and long term priorities with an emphasis on how we are putting our strategy into practice, including the important role we think spectrum sharing will play in the coming years.

Over the course of the two day event, there will be keynote presentations and panel discussions which will focus on a range of topics that we believe are key to implementing the spectrum management strategy that we published earlier this year.

The event aims to open debate on the “changes and challenges” that lie ahead for consumers, industry and regulators and as such we welcome active industry participation.

**Agenda**

Introduced by Ofcom’s Spectrum Policy Group Director, Philip Marnick, the agenda includes a series of presentations and panel discussion featuring speakers from Ofcom, other regulators, industry representatives and independent experts.

- **Day 1 (1st October)** will focus on how we are putting our spectrum management strategy into action and highlight our four main strategic themes – spectrum sharing, coexistence challenges, RF performance standards and how and what spectrum information we make available in the future.

- **Day 2 (2nd October)** will have more in-depth discussions on some of the major challenges facing regulators and industry. In the morning you will hear about disruptive technology, mobile data challenges and the future of TV content delivery. In the afternoon we will hold three separate panel sessions exploring the Internet of Things, the challenges of public sector spectrum release and hear about some of the key issues that we expect to be most prominent at the 2015 World Radio Conference.

**Technology demonstrations**

In addition to the presentations and panel discussions, we are setting aside some space for technology and product demonstrations which will support the overall themes of the event. Participants will have many opportunities to access them during the 2 days.

**Event Times and Location**

The event will open on Wednesday 1st October at 12:30pm with a networking lunch for participants. The first session will begin at 1:30pm. We will host the event at Ofcom, Riverside House, 2a Southwark Bridge Road, London SE1 9HA.
Detailed Agenda - Day one (Wednesday 1st October)

Long-term areas of increased focus

12:30 – 13:30  Networking lunch and technical demonstrations

13:30 – 13:35  Introduction: Philip Marnick, Group Director, Spectrum Policy Group

13:35 – 14:30  Session 1: Turning strategy into reality

The opening session, led by Spectrum Policy Director, Charles Jenne, will focus on the how our Spectrum Management Strategy is guiding Ofcom’s work and becoming a reality.

Cristina Data, Principal Spectrum Information and Analysis, will then lead a discussion on making more spectrum information available to industry in support of the way spectrum may be accessed in the future.

14:30 – 14:50  Keynote: Julius Knapp, Federal Communications Commission

Julius Knapp, Chief of the Office of Engineering Technology, discusses the latest developments in the US and outlines what he sees as the challenges and opportunities ahead for spectrum management.

Keynote speaker

- Federal Communications Commission
  Julius Knapp, Chief of the Office of Engineering Technology

14:50 – 15:10  Coffee break and technical demonstrations

15:10 – 16:20  Session 2: Dynamic Spectrum Sharing

Continuing on from session one, Charles Jenne will lead a panel discussion on spectrum sharing, one of the key themes of the strategy. The session will look at the evolution of database sharing and other forms of managed sharing and ask what Ofcom’s future role should be.

Panellists

- Avanti Communications Group plc
  Kumar Singarajah, Director, Regulatory Affairs & Business Development
- Spectrum Bridge
  Peter Stanforth, Chief Technology Officer
- Qualcomm
  Laurent Fournier, Senior Director, Business Development
- GSMA
  John Giusti, Head of Policy
- Federal Communications Commission
  Julius Knapp, Chief of the Office of Engineering Technology

Continued over the page
16:20 – 17:25  Session 3: Big ears, loud voices (coexistence and RF technology)

Joe Butler, Director of Spectrum Technology, will chair a panel discussion on how to get the right balance between technology (new and improved) and policy to meet the realities of coexistence challenges that we will face over the coming decade and beyond.

Panellists

- **Digital TV Group**
  Richard Lindsay-Davies, Chief Executive Officer

- **Inmarsat**
  Michele Franci, Chief Technology Officer

- **Mediatek**
  Rich Kennedy, Wi-Fi Alliance Spectrum & Regulatory Task Group Chair

- **Federal Communications Commission**
  Julius Knapp, Chief of the Office of Engineering Technology

17:25 – 17:30  Day 1 close including outline of agenda for day two

Day 2 agenda - next page
Day two will focus on more immediate challenges that both regulator and industry will face.

**09:30 – 10:00 Session 4: Full Duplex Radios: From Impossibility to Practice**

A basic precept of wireless communications is that radios cannot transmit and receive at the same time on the same frequency, thus require time or frequency duplexing. This long-held assumption has shaped many aspects of wireless communications. This presentation from Kumu Networks will describe their self-interference cancellation solution that allows radios to simultaneously transmit and receive on the same frequency, thus doubling spectral efficiency.

**Keynote speaker**
- **Kumu Networks**
  - Joel Brand, Vice President, Product Management

**10:00 – 11:00 Session 5: Coverage and capacity – The mobile data challenge**

This session, chaired by Ofcom Director of Spectrum Policy Mark Caines, will focus on future consumer demand for coverage and capacity, how spectrum and technology can meet that demand and the implications for regulation.

**Panellists**
- **Swedish Post and Telecom Authority (PTS)**
  - Jonas Wessel, Head of Spectrum Department
- **CEPT**
  - Alexander Kühn, Chairman, WRC-15 Conference Preparatory Group
- **P3 Communications**
  - Kenan Masic, Telecommunication Consultant
- **EE**
  - Mansoor Hanif, Director of RAN Development & Programmes
- **Telefonica UK**
  - Andrew Conway, Head of Mobile Access

**11:00 – 11:15 Coffee break and technical demonstrations**

**11:15 – 12:30 Session 6: The Future of Content Delivery**

Chaired by David Mahoney, Ofcom’s Director of Policy Development, this session will focus on the future shape of content delivery and look at trends in consumer behaviour and what the future holds for the DTT platform. He will be joined by industry to debate the viewpoints.

**Panellists**
- **Digital UK**
  - Jonathan Thompson, Chief Executive Officer
- **Talk Talk**
  - Simon Pilsbury, Head of TV Regulation
- **Decipher**
  - Nigel Walley, Managing Director
- **Enders Analysis**
  - Claire Enders, CEO
12:30 – 13:30 Networking lunch and technical demonstrations

13:30 - 14:00 Session 7: Keynote - World Radio Conference 2015

The session will provide an overview of the WRC15 agenda and highlight some of the key issues that we expect to be most prominent at the Conference. It will also provide an opportunity to consider what impact any such decisions taken at WRC-15 could have on European countries.

Keynote speaker
- Alexander Kühn
  Chairman, WRC-15 Conference Preparatory Group, CEPT

14:00 – 15:15 Session 8: The Internet of Things (IoT)

Much has been made of the potential for the Internet of Things (IoT) to radically change the way we live our lives. In this session we explore the steps required by industry, the government and Ofcom to promote investment and innovation, and ensure the UK takes a leading role in the IoT. David Harrison, Technology Strategy Director, will chair the session.

Panellists
- Arqiva
  Wendy McMillan, Managing Director Smart Metering & M2M
- EVRYTHNG
  Dominique Guinard, Co-founder and Chief Technology Officer
- Neul
  Stan Boland, Chief Executive Officer
- Vodafone Group R&D
  David Lister, Research Manager

15:15 – 15:30 Coffee break and technical demonstrations

15:30 – 16:45 Session 9: Public Sector Spectrum Release

This session, chaired by Ofcom’s Andrew Hudson, Director of Spectrum Policy, will focus on public sector spectrum release / sharing and whether the incentives currently applied promote the efficient use of spectrum.

Panellists
- Regulatory Economist
  Martin Cave
- Shareholder Executive
  Paul Norris, Executive Director
- SFR
  Thomas Welter, Head of Spectrum Policy
- Orange
  Elisabeth Cassin, VP Group Spectrum Office

16:45 – 17:00 Conclusion and close

Spectrum Policy Group Director, Philip Marnick, and the session chairs will reflect on their key learnings and highlights from the two days.