

Ofcom, FCC, UK House of Lords and Microsoft open DSA Global Summit 2018

22 regulatory bodies from around the world are being represented at this week's conference in London

London, United Kingdom, 2 May 2018: The Dynamic Spectrum Alliance (DSA) Global Summit 2018 began this morning with opening keynotes from representatives from the UK House of Lords, Ofcom, the Federal Communications Commission (FCC) and Microsoft. Each representative summarised the importance of open communication on modern and innovative spectrum management methodologies, including dynamically shared and license exempt operations.

Philip Marnick, Spectrum Group Director at Ofcom commented: "Managing spectrum efficiently is crucial to improving how we enjoy technology today and enabling the services of tomorrow. It demands a collaborative approach. This includes exploring options for greater sharing of spectrum amongst different users and looking at new ways to ensure all industries can access the airwaves they need to unlock the full potential of future technology."

Following the morning keynotes, Dr. Preston Marshall, Principle Wireless Architecture, Google, presented on '*challenges with the current spectrum approach.*' Marshall explained why dynamic spectrum access can drive a more efficient use of spectrum that lowers the cost of access, increases the opportunities for new entrants, and stimulates innovation. He also presented dynamic sharing models which are currently deployed and the market, coverage and service opportunities, highlighting that the current dominant approach of exclusive licensing for spectrum has challenges for the future.

The challenges with the current approaches to spectrum management and the need for change were key themes of the morning, as several industry figures came together to discuss use cases for shared spectrum to help solve some of the most intractable problems regarding connecting the unconnected. Participants included Dr. Héctor Huici, Secretary, Information Technology and Communications, Ministry of Communications Argentina and representatives from Microsoft, SOVA Innovation Center for TVWS Broadband Development, Whitespace UK, Carlson Wireless, Mawingu Networks and Cenerva Limited. The panel addressed how shared spectrum access use cases are helping to narrow the digital divide, while acknowledging that more needs to be done.

22 different regulatory bodies from across the world are being represented at the DSA Global Summit and yesterday they joined together for a regulator workshop to discuss spectrum sharing and dynamic spectrum access on an international level. The goal was to share common challenges regarding connecting the unconnected and building the next generation networks for the demands of tomorrow, as well as to share ideas on solutions going forwards. This was the largest collection of regulators in the DSA Global Summit's history and consisted of representatives from around the globe.

Catherine Gabay, Deputy Director of Spectrum Monitoring and Enforcement at ANFR, the National Agency for Spectrum Management in France, commented: "Spectrum is a rare and strategic resource for many services and users, both government and private, which must cohabitate in this finite space (from 9 Khz to 300 Ghz). One of ANFR's main activities consists in securing the spectrum, by fighting against interference risks, resolving on-site harmful

interference cases and developing pedagogical actions to promote the good use of spectrum. Interferences, whether intentional or not, may affect the availability of services which depend on spectrum, with the risk of rendering them inoperative. Therefore, securing the radio frequency spectrum contributes to digital security and more generally to economic security, since it is so difficult to find state or economic activities not using wireless technologies.”

Gabay added: “It is great to participate in the Dynamic Spectrum Alliance Global Summit and share ideas with the various participants from around the world. I will listen with attention to industry representatives’ interests in spectrum sharing for developing wireless applications or spreading broadband Internet access in rural areas. ANFR wishes to raise the awareness of all users of spectrum, today’s users and potential future users, of their crucial role in protecting this resource permitting harmonious cohabitation of all spectrum users, both licensed and unlicensed ones. When spectrum sharing is at stake, ANFR wishes that this important objective be kept in mind by all parties at all times.”

For further information about the Dynamic Spectrum Alliance and the Global Summit 2018, please visit www.dynamicspectrumalliance.org/ or follow @dynamicspectrum and #DSA18GS on [Twitter](#). Alternatively join the Alliance on [Facebook](#) or [LinkedIn](#).

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About the Dynamic Spectrum Alliance

The Dynamic Spectrum Alliance is a global organization advocating for laws and regulations that will lead to more efficient and effective spectrum utilization. The DSA’s membership spans multinationals, small- and medium-sized enterprises, and academic, research, and other organizations from around the world, all working to create innovative solutions that will increase the amount of available spectrum to the benefit of consumers and businesses alike. Visit <http://www.dynamicspectrumalliance.org/>.

About the Dynamic Spectrum Alliance Global Summit

The Dynamic Spectrum Alliance returns to London for its Sixth Annual Global Summit. The Global Summit brings together policy makers, regulators, academia, and public and private sector representatives with first-hand experience developing and implementing a range of spectrum sharing regimes, from exclusive use licensing to unlicensed spectrum allocations to various kinds of spectrum sharing regimes across a variety of complementary spectrum bands, including those that will enable 5G to come to life. In a world with tens of billions of wirelessly connected devices, spectrum sharing is a must for any policy maker looking for innovative ways to close the digital divide and enable the Internet of Things.

The Dynamic Spectrum Alliance’s annual Summit is the premier event for policy makers and regulators to share best practices, learn about the latest spectrum sharing policies, and participate in discussions on how to maximize social and economic impact in urban cities and remote regions across the Globe.

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