

Radio Spectrum and Innovation: Realising the Potential

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It might seem that more innovation is happening in apps than in spectrum. But if Cooper's Law is to be believed, the use of radio spectrum is doubling every 30 months. Keeping up this pace means that regulatory liberalisation has to match advances in technology and new applications. How will this be possible? What kind of devices, services applications and demand will there be? Where might innovation happen, and how big will the impact be? What kind of innovation in regulation and business models will we need? What are the pitfalls along the way?

Biography: David Cleevely (FREng, FIET) is the Chairman of CRFS, which he co-founded in July 2007, and the founder and former Chairman of telecoms consultancy Analysys (acquired by Datatec International in 2004). In 1998, he co-founded the web based antibody company Abcam (ABC.L) with Jonathan Milner and was Chairman until November 2009.

In late 2004 he co-founded the 3G femto base station company, 3WayNetworks, which was sold to Airvana in April 2007. He has been a prime mover behind Cambridge Network, co-founder of Cambridge Wireless, co-founder and Chairman of Cambridge Angels and is a member of the IET Telecoms Sector Panel. For 8 years until March 2009 he was a member of the Ofcom Spectrum Advisory Board. From 2001 to 2008 he was a member of the Ministry of Defence Board overseeing information systems and services (DES-ISS, formerly the Defence Communications

Services Agency).

After being sponsored to study Cybernetics at Reading by Post Office Telecommunications, he joined their Long Range Studies Division. A PhD at Cambridge was then followed by the Economist Intelligence Unit in London. He is a Fellow of the Royal Academy of Engineering and the IET and he has recently held an Industrial Fellowship at the University of Cambridge Computer Laboratory. He was recently appointed the Founding Director and Executive Committee Member of the Centre for Science and Policy, University of Cambridge.

David Cleevely
Chairman, CRFS

Abstract:

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