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## **ComReg says advanced technology could reap greater benefits from spectrum**

The Commission for Communications Regulation (ComReg) today issued a briefing note on developments in Dynamic Spectrum Access technologies as part of its forward-looking programme. The purpose of this document is to raise awareness of the types of technologies now emerging that could use radio spectrum more efficiently in the future, potentially stimulating greater innovation.

Dynamic Spectrum Access is both a technology and a management method that could unlock greater potential efficiencies in spectrum usage. Increasing pressure, particularly in highly sought after frequency bands, is driving demand for faster access to spectrum resources. Dynamic spectrum access is about gaining access to frequencies at a certain time or in a certain location on a relatively temporary basis, even where the frequencies had already been assigned to another user - who isn't using it at that particular time or location. The potential reward of more flexible spectrum management is greater innovation in terms of wireless technology and services to consumers.

ComReg chairperson Mike Byrne said: "ComReg is keen to encourage innovative developments and more efficient ways to use spectrum. We wish to encourage development in these technologies through our test and trial licence scheme<sup>1</sup>, and are pleased to see its use during next week's DySpan 07 conference in Dublin<sup>2</sup>. We would like to invite interested parties to consider using the test and trial licence scheme to investigate the potential of this technology."

The full document 07/22 can be viewed at [www.comreg.ie](http://www.comreg.ie)

This document is part of the ComReg Briefing Note Series. The Briefing Note Series is primarily aimed at non-technical readers with some background knowledge of current telecommunications technology. These documents are intended to develop the debate rather than to outline conclusions and ComReg welcomes comments on the points raised in the notes. **ENDS**

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<sup>1</sup> See ComReg doc. 05/35 for details of the ComReg test and trial licence scheme.

<sup>2</sup> <http://www.ieee-dyspan.org/>