



Commission for  
**Communications Regulation**

## Expressions of Interest

### **Request for Expressions Of Interest – 3.5 GHz Local Licences for Wireless Broadband**

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## Expressions of Interest

### **Request for Expressions Of Interest - 3.5 GHz Local Area Licences for Wireless Broadband**

ComReg is seeking “Expressions of Interest” in a new initiative aimed at introducing, in the near future, a local area Broadband Fixed Wireless Access licensing scheme in the 3.5 GHz frequency band. The “Expressions of Interest” will be used by ComReg to assist in the development of the licensing scheme.

The licensing scheme is likely to be similar to a scheme being launched in the 10 GHz and 26GHz bands and interested parties are referred to the application form and guidelines associated with that process, which was published on the ComReg website on 24 March 2003.

“Expressions of Interest” are invited from anyone interested in providing wireless broadband services in the 3.5 GHz band. These should include, as a minimum, the information listed in points 1-8 below and clear reference should be made to these points in the response.

1. a description of the services to be provided, including proposed maximum and committed data rates
2. the amount of spectrum required, with supporting calculations based on the services to be provided, including the minimum amount of spectrum required
3. the type of equipment the applicant intends to use
4. the network architecture proposed (e.g. point to multipoint or mesh)
5. the location of the central base station (or central point of a mesh network) and the proposed coverage area
6. the target customer base (e.g. residential, small businesses, etc)
7. the technical characteristics of the system (e.g. whether time division or frequency division duplex, channelling arrangements, tuning range)
8. details of the spectral efficiency of technology proposed

ComReg recognises that there are locations of prime interest from a coverage perspective within the Dublin area. In order to assist the development of the FWA application process at 3.5GHz, ComReg requests that applicants indicate in their response to the “Expressions

of Interest” their order of preference for locations for base stations at named site locations within the areas of:

- Dublin City,
- Fingal,
- Dun Laoghaire/Rathdown and
- South Dublin.

It should be noted, that the submission of an “Expression of Interest” at this stage will not confer any priority on applicants if/when licensing commences at 3.5 GHz and will not take the place of a licence application.

The period for “Expressions of Interest” will run from Friday 24 March to Friday 25 April.

Submissions should be made, preferably by email, to:

Ms Sinead Devey  
Commission for Communications Regulation  
Abbey Court  
Irish Life Centre  
Lower Abbey Street  
Dublin 1  
[Sinead.devey@comreg.ie](mailto:Sinead.devey@comreg.ie)

Reference: 3.5GHz Expressions of Interest, LAFWA Scheme