



**ESpanix**

# **Spanish Peering Scene**



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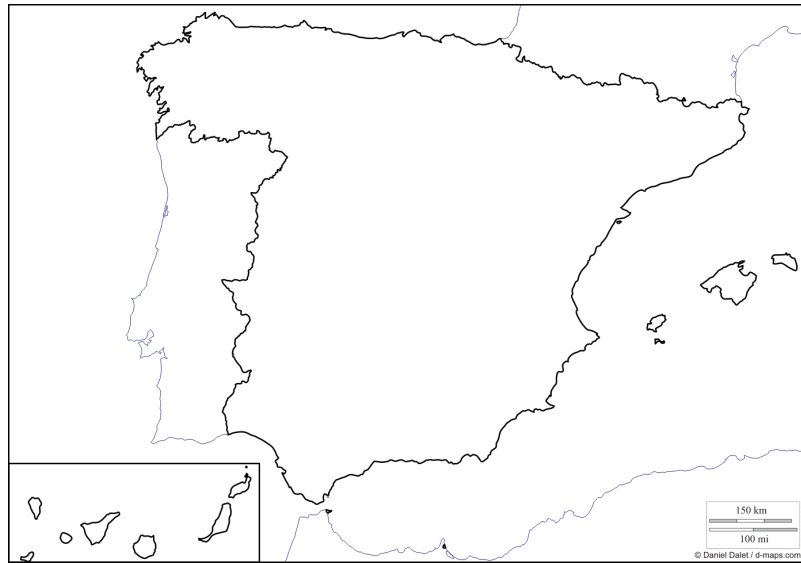
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## I. The Country



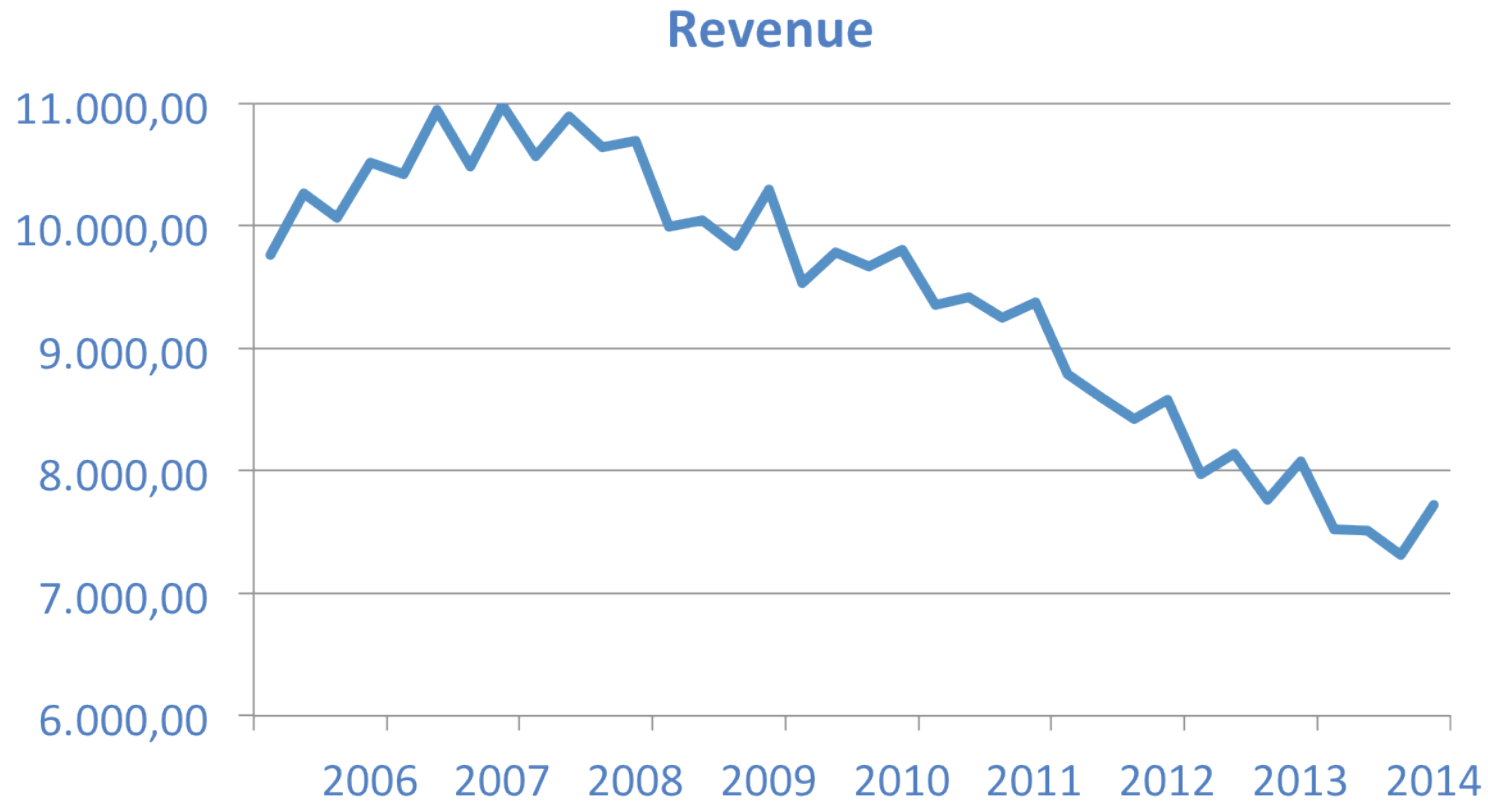
**Sunny SW corner of Europe**  
**Half a million Sq Km**  
**Second-highest country in Europe**  
**Population 46,5 M**  
**Density: 92 Inhab. per Sq Km**  
**(Netherlands 393, UK 256, Germany 233, Italy 192, France 111, Portugal 109)**  
**Difficult for infrastructure building**

**.....plus.... 65 M visitors comming every year**



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## I. The Market (i)

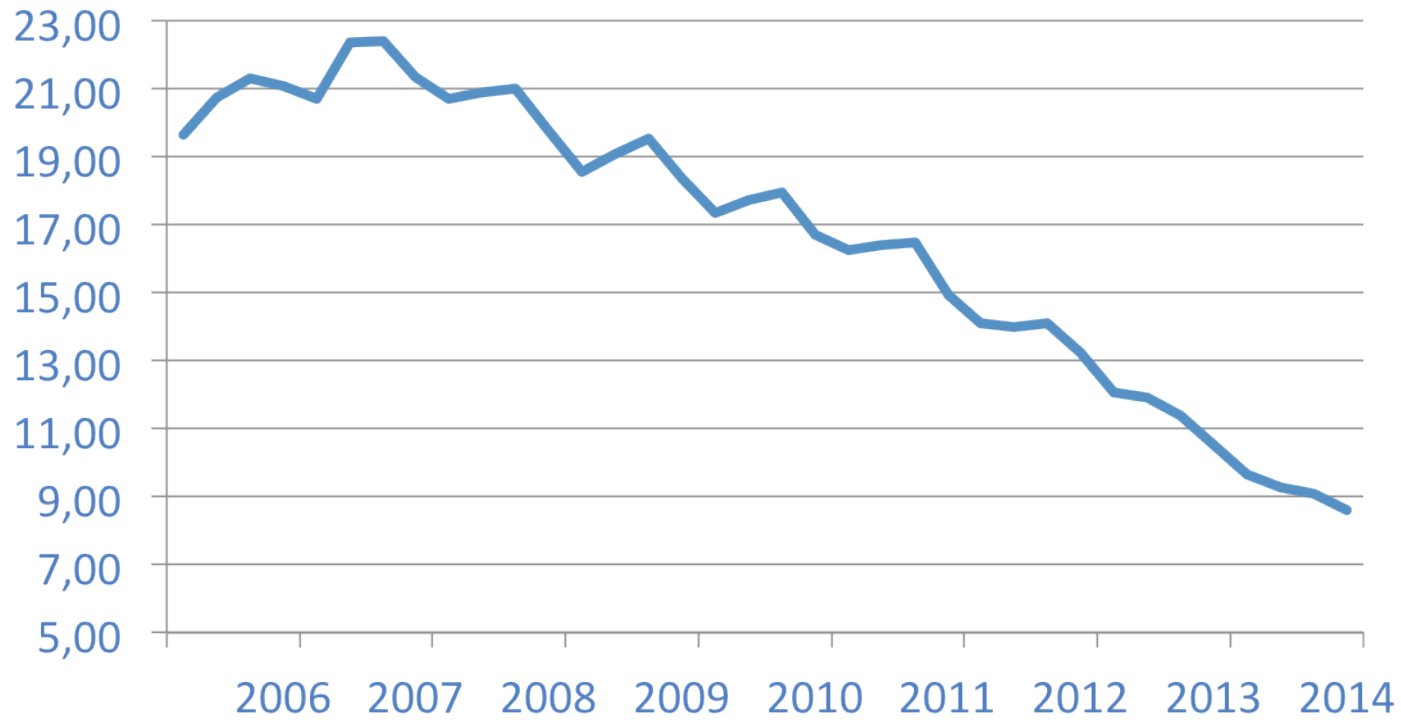




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## I. The Market (ii)

Rev. Mobile line





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## I. The Market (iii)

- Substantial preference for packaged services (triple, quadruple play...)
- Major consolidation:
  - Vodafone bought Tele2, C&W, Ono-Auna (many cable companies)
  - Orange bought Amena, Ya.com, Jazztel
  - Telefonica bought Acens, Tuenti...
- Only medium to small specialized companies are left



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## I. The IXPs

- **GALNIX (Galician Internet Exchange Point)**
  - Sponsored by local government by the end of 2002
  - Terminated in 2008
- **EUSKONIX (Basque Country Internet Exchange Point)**
  - Joint effort by regional Government, Public University and local operators
  - Max daily traffic 680 bps (according to their web)
- **CATNIX (Catalunya Neutral Internet Exchange)**
  - Sponsored by regional Government
  - 26 Members, up to 4Gb max daily traffic
- **Espanix**
  - Pure industry initiative
  - 71 Members, 240Gb max daily traffic



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## Many thanks!!!

Questions?

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