

Technology innovation, standardization and spectrum management as key ingredients for enabling a new mobile wave

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ABSTRACT

The amazing success of mobile industry can be related to many factors: the regulatory framework together with the well defined technology and standard development proved to be pivotal.

The market is still increasing and it values primarily affordable costs and interoperability and roaming of services and terminals.

Different new technologies and technology enablers are approaching the industry: the research can help the industry by developing new solutions to better exploit the spectrum but interoperability will be the crucial issue of our innovation path.

We can face the “spectrum challenge” by building on the solid foundations that enabled the success of the mobile industry and by exploiting the exciting opportunities that new technology enablers are making available while maintaining full interoperability of services and terminals and large economies of scale.