

**ITU Kaleidoscope 2011**

**The fully networked human?  
Innovations for future networks and services**

# **ITU Academia Member: University of the Basque Country (UPV-EHU)**



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**Cape Town, South Africa  
12-14 December 2011**







- Since 2004
- Digital Radio Mondiale Consortium
  - Sector member 
  - Contributions to SG-3 and SG-6

□ Influence on ITU-R Recommendations on Digital TV Services (2000)



□ Contributions to SG-3 and SG-6

□ National Spanish Delegation

SG6, E   GOBIERNO DE ESPAÑA MINISTERIO DE INDUSTRIA, TURISMO Y COMERCIO

Including vision, sound, multimedia and data services for general public

## □ Handbooks

- Coordinators: “Surface Wave Propagation Handbook” (SG3 WP3K)
- Rapporteur Group: “Digital Terrestrial Television Broadcasting Handbook” (SG6 WP6A)

## □ Twelve Contributions (SG3 & SG6)

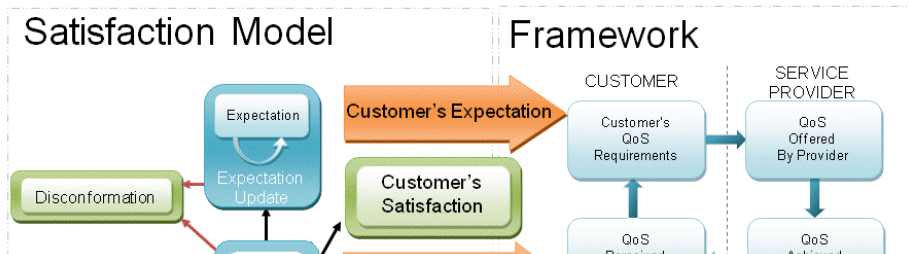
- Report BS.2144 (2009)
- Recommendation BT.1893 (2010)
- Report BT.2142 (2010)

## □ Chairman position in SWG

- Since 2006
  - Research activity related with SG-12
  - Presented in Kaleidoscope 2009

- Since
  - Ties
  - Stud

## Methodology Proposal



- Si ITU-T
- ITU-T



Principles of service provisioning, numbering, naming, routing and interworking requirements

of e2e transmission  
ance of networks,  
s and their operations



# A New Membership Category: ITU Academia Member

- Resolution 169 - Plenipotentiary Conference (Guadalajara, 2010)  
“Admission of academia, universities and their associated research establishments to participate in the work of the three Sectors of the Union”



# UPV/EHU: Academia Member

- Step forward in cooperation with ITU
- Represent our institution
- Focus on the spread of knowledge
- Support broader engagement of academia on standards-related matters
- New initiatives: Workshops...



# Benefits to UPV/EHU research

- ❑ Focus our research on areas where new advances are required
  - ❑ Innovation and new ideas for ITU-SG
- ❑ Full access to ITU documentation
  - ❑ Aware of all technical, operational and regulatory work
- ❑ New contacts and forums
  - ❑ SG comprise experts representing a broad range of interests



# Benefits to academic UPV/EHU

- ❑ Raise awareness of the importance of standardization
- ❑ Instill consciousness of the importance of teaching about standards and the need to use them regularly
  - ❑ Use standards as vehicle for spreading knowledge and good practices
  - ❑ Students of today are the technology makers of tomorrow
- ❑ Improve the position of standardization
- ❑ Workshops, students internship

# Conclusions

- ❑ Importance of academic participation in the study groups of ITU
- ❑ Benefits to both our research and academic daily life
- ❑ Extend this cooperation to the educational programs
  - ❑ Workshops
  - ❑ Visitor professors and students
  - ❑ Publications

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## Thank you!



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