



# Going digital roadmaps and more

- Introduction
- digital switch over
- cross border coordination
- bilateral or regional approach
- Conclusions



# Introduction

- CEPT/ECC and Digital Dividend
- Digital Dividend as a philosophy
- Digital Dividend as a challenge

# digital switch over

## ■ Roadmaps

- based on GE-06 agreement no later than:
  - 2015
  - 2012 in some CEPT countries
- Commission conducted study by:
  - Analysys Mason:
    - need for urgent implementation
    - need for harmonised approach

## ■ common or individual approach

# cross boarder co-ordination

- depending on the status of the 800 MHz discussion
  - political decisions
    - Scandinavian countries: freeing up
    - France/Germany/UK: deadlines indicating when to be implemented
    - European Commission preparing a harmonised approach
  - auctions
- switch off broadcasting assignments
- re-arranging 460 – 790 MHz assignments

# bilateral or regional approach

- several initiatives:
  - bilateral:
    - all over Europe
- pro-active or re-active
  - pro-active activities: WEDDIP
- equitable access principle
  - freeing up 800 MHz band
  - re-structuring 470 – 790 band
  - handling technical innovations
  - sharing requirements

# bilateral or regional approach (*cont*)

who are your neighbours:

- Countries located close to each other?
- European Community and its neighbours?
- CEPT-countries and its neighbours?



# bilateral or regional approach (*cont*)

changes to be recognized:

- digital infrastructures create an environment in which innovations will have a strong influence on how to do spectrum management:
  - DAB  $\Rightarrow$  DMB  $\Rightarrow$  DAB+  $\Rightarrow$  ??
  - DVB-T  $\Rightarrow$  DVB-T2  $\Rightarrow$  ??
  - MPEG2  $\Rightarrow$  MPEG4  $\Rightarrow$  MPEG7  $\Rightarrow$  ??

# Conclusions

- Digital Dividend is a principle to be used when reconsidering spectrum use
- freeing up 800 MHz band leads to:
  - re-organising 470 – 790 MHz band
- consider pro's and con's for multilateral approaches
- be aware of the strategic advantages when seeking cooperation
- take into account that spectrum management has become a multinational / multi-stakeholders issue

**Thank you very much  
for your attention**

