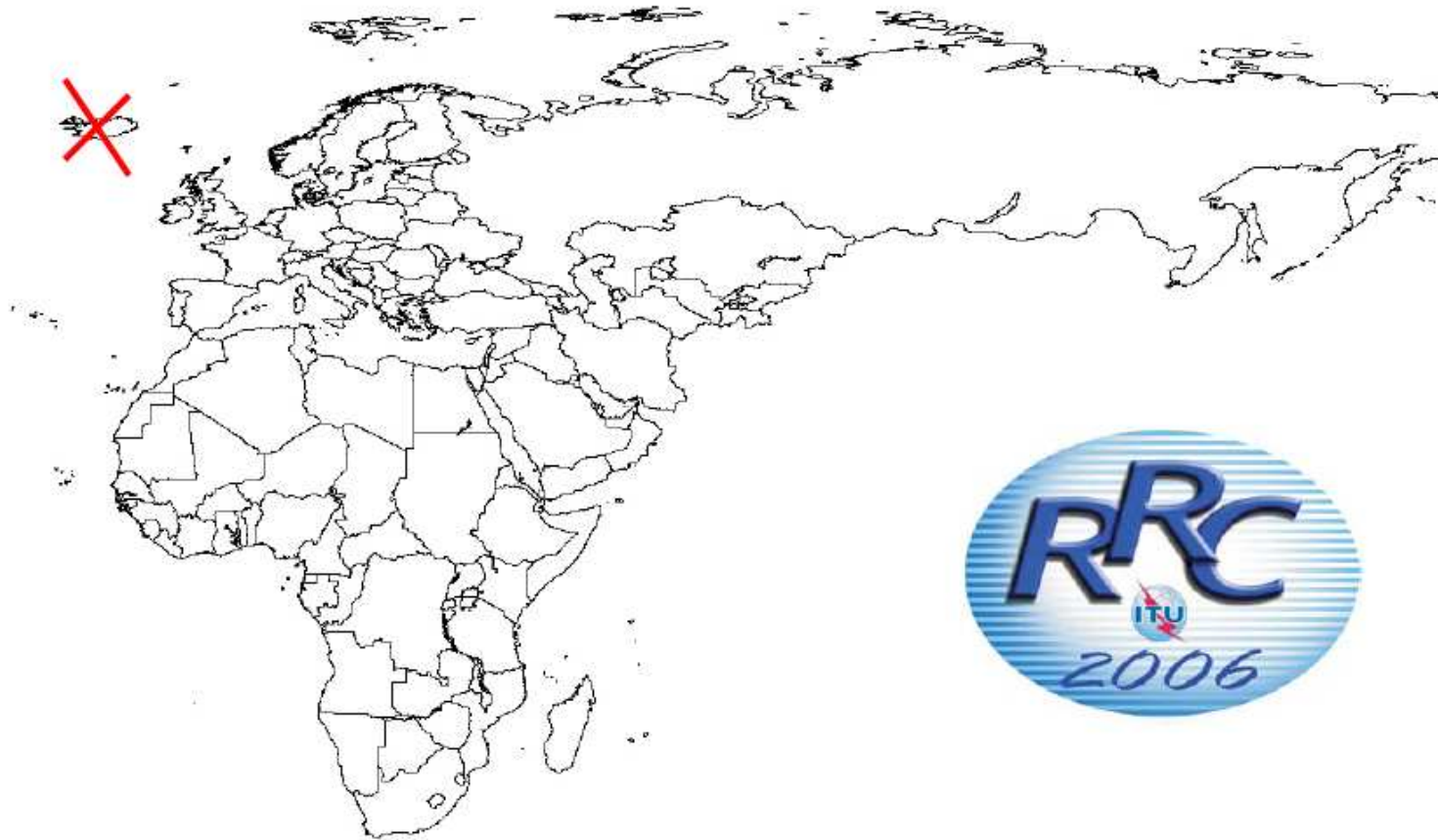


13th World DMB Forum, General Assembly
Regulatory and Spectrum Committee

European Regulatory and Spectrum Updates

Finn Søndergaard Pedersen

RRC-06

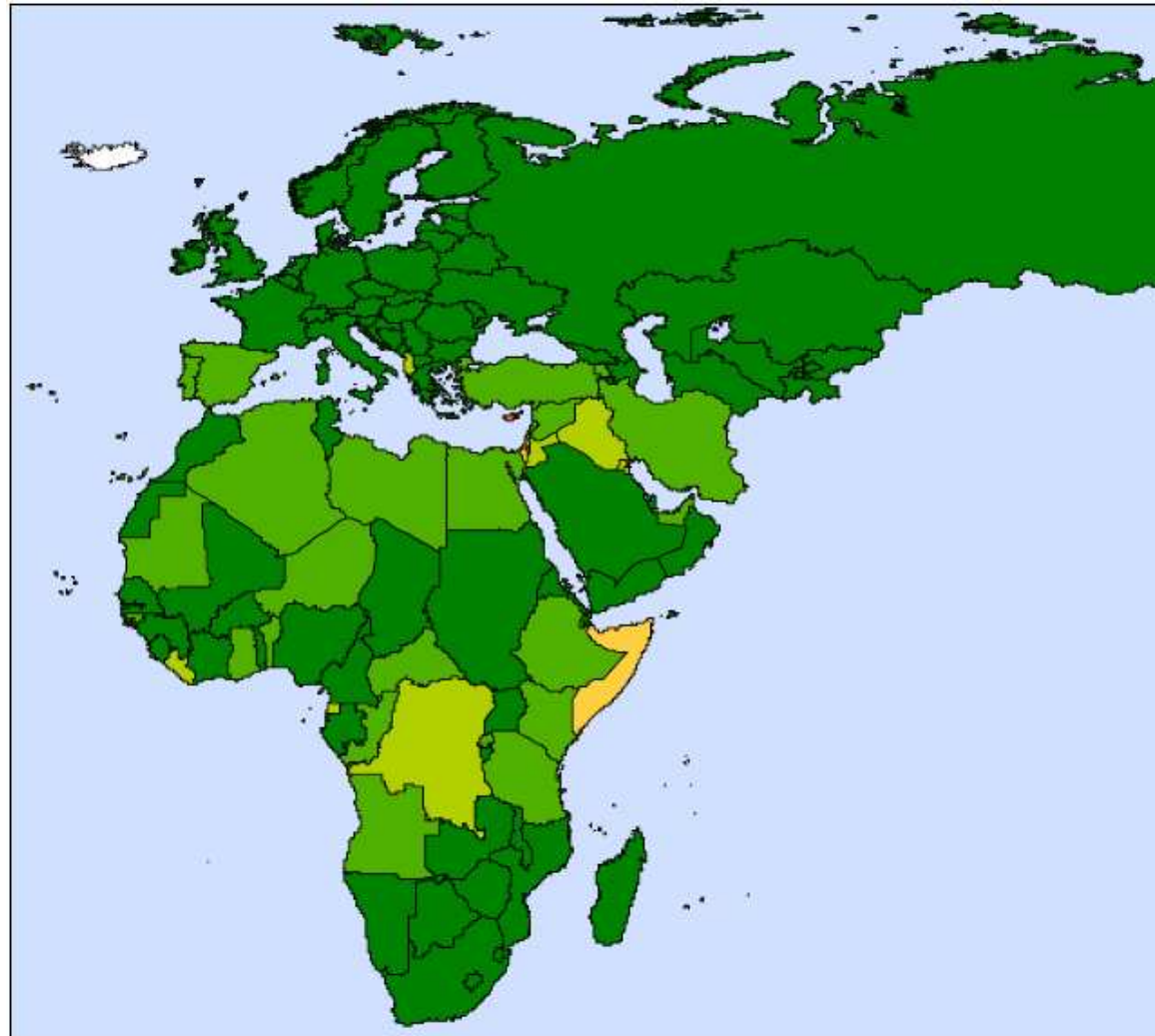


120 countries – 5 weeks

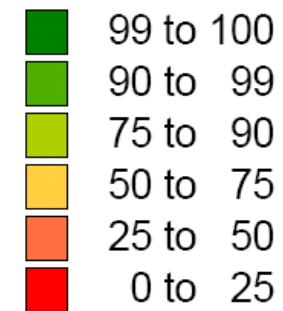
RRC-06 Results - Overall

- The Conference was very successful and provided
 - Possibilities for structured development of terrestrial broadcasting towards digital systems
- Frequency plan established for
 - T-DAB and DVB-T in Band III (174-230 MHz)
 - DVB-T in Bands IV and V (470-862 MHz)
- Transition period from 2006 – 2015
- Requirements satisfied:
 - European Countries ~ 100% (except for Spain)

RRC-06 Results - Frequency Plan



Percentage of requirements met



The Frequency Plan



European Spectrum Policy

- Spectrum is "owned" by EU Member States, but
 - Fragmented national approaches are inefficient in a global world
- EU shall provide coordinated answers to common challenges
 - Market size matters
 - Single Market requires, common spectrum policy and regulatory approaches

Spectrum Policy Execution in Europe

EU Level

- Radio Spectrum Decision adopted in 2002
- Policy Platform:
 - Radio Spectrum Policy Group (RSPG)
- Operational Body:
 - Radio Spectrum Committee (RSC)
- Expert Body
 - CEPT

CEPT Level

- 47 European Countries
- Observer in RSPG and RSC
- Expert body for EU and mandated by RSC
- Negotiator for Europe in ITU

Mandate to CEPT regarding L-Band (CEPT ECC WGFM PT45)

- Investigate future use of L-Band (1452 – 1479,5 MHz)
i.e. the Marstricht Special Arrangements from 2002
 - Consider technical regulatory conditions if the band will also be used by mobile service technologies in addition to T-DAB
 - Recommend provisions allowing initial introduction of these services while still acting in accordance with the Marstricht Plan

CEPT ECC WGFM PT45

- Substantial revision or replanning of the MA02 Special Arrangements would take too long
- Partial revision of the MA02 Special Arrangements could be quickly realized that will:
 - Protect the existing allotments in the MA02 Plan
 - Provide additional flexibility to introduce mobile multimedia services

CEPT ECC WGFM PT45 Results

- CEPT has now approved a partial revision of the MA02 Special Arrangements with inclusion of:
 - The application of the envelope concept
 - The aggregation of T-DAB blocks to accommodate mobile multimedia services with wider bandwidth
(Need bi- or multilateral agreements as existing rights shall not be affected)
 - “T-DAB” is replaced by “Terrestrial Mobile Multimedia Services”
- The “**Marstrich 2002 Special Arrangements**” (MA02) has been revised to:
“**Revised Maastricht 2002 Special Arrangement**” (MA02revCO07)

Mandate regarding the Digital Dividend (CEPT ECC TG4)

- Investigate future use of the Digital Dividend
 - Compatibility between cellular (low power) and high power tower systems
 - Harmonising sub-band of bands IV and V for mobile applications
 - Technical roadmaps to optimise the digital dividend
 - New services in “White spots”
- No substantial results yet affecting WorldDMB
 - Band III is not mentioned
 - No proposal in band IV and V for WRC-07

WRC-07

- World Radio Conference to be held 15 Oct – 9 Nov 2007 in Geneva
- Broadcast issues relevant to WorldDMB (preliminary):
 - Frequency related matters for the future development of IMT 2000 and systems beyond
 - Review of allocations in HF bands between 4 and 10 MHz (introduction of DRM)
 - L-Band allocations
- Draft CPM report does not propose Band III or L-band as candidates for IMT 2000 or advanced IMT 2000
- **No immediate threads for 2007!! But be aware of WRC-11**
- WorldDMB must make every effort possible to avoid the inclusion of Band III and the band 1452-1492 MHz in the WRC agenda

New members of the RSC are needed

- Members today
 - Finn Søndergaard Pedersen, Denmark
 - Percy Pettersson, Sweden
 - Alec Thomas, UK
 - Danial Michel, France
 - Hans Wolter, Italy
 - Tomas Rapek, Czech Republic
 - Niels Dreijer, Denmark
- Very Important !! – New members requested from:
 - Norway
 - Switzerland
 - Germany
 - Sweden

The End

- Thank you for your attention
- fsp@bsd.dk