

# Annex

## ITU International Symposium on the Digital Switchover 17 June 2015 – A milestone for digital terrestrial television

ITU, 17 June 2015 09:30 – 18:00

ITU Tower, Popov Room

### Draft Programme

#### Summary

On 16 June 2006, a treaty agreement was signed at the conclusion of ITU's Regional Radiocommunication Conference (RRC-06) in Geneva, heralding the development of 'all-digital' terrestrial broadcast services for sound and television. The digitalization of broadcasting in Europe, Africa, Middle East and the Islamic Republic of Iran by a target date of 17 June 2015 represents a major milestone towards establishing a more equitable, just and people-centred Information Society connecting the unconnected in underserved and remote communities and closing the digital divide. The new digital GE06 Plan provides not only new possibilities for structured development of digital terrestrial broadcasting but also sufficient flexibilities for adaptation to the changing telecommunication environment. The GE06 Agreement triggered the analogue to digital broadcasting switchover world-wide.

The Symposium will provide background information on the GE06 Agreement, on the actual situation with respect to the analogue to digital switchover world-wide and on the potential future use of digital TV by the broadcasters in all three ITU Regions, taking into account new television systems such as HDTV and UHDTV on one hand and the allocation of the UHF band to other services known as a "digital dividend" on the other hand. The Symposium will be accompanied by technical demonstrations.

#### Planned Sessions:

*Symposium moderator: Christoph Dosch, Chairman ITU-R Study Group 6*

#### **9:30-9:45 Welcome by the ITU Secretary-General and the Director BR**

Introductory video

#### **9:45-11:00 Session 1: Objectives of the transition to digital TV– technical and regulatory frameworks**

*Session Chair: François Rancy, Director, BR*

This session will give an overview on the way to digital television, the motivation for a new frequency plan in GE-06 and the consequences of the so-called "digital dividend" with respect to the television service in the 800-MHz and in the 700-MHz band. It will also discuss the GE06 frequency coordination meetings for additional TV channels in the band 470-694 MHz in the sub-Saharan Africa and Arab countries as well as the development of technical documentation in ITU-R for DTTB systems and the assistance by ITU towards determining needs of developing countries.

Question & Answer session

BREAK / DEMOS

## **11:20-12:50 Session 2: The analogue to digital switchover – stocktaking worldwide**

*Session Chair: (TBA)*

In this session, representatives from countries or areas in the three ITU Regions will provide status information about the analogue to digital switchover. Speakers are expected from China, Korea, Japan, Australia, India, the Caribbean area, USA, Brazil, South Africa, Nigeria, Kenya, Senegal, the Arabic area, Europe.

Question & Answer session

(The subject will be taken up again in the final round table.)

BREAK / DEMOS

## **14:10-15:30 Session 3: *Advanced technologies for television***

*Session Chair: David Wood, (Chairman ITU-R WP 6C)*

This session presents frontier technology in television production and service. Three exiting subjects are dealt with:

- New image technology such UHDTV, enhanced image dynamic range (EIDR), wide colour gamut, etc.
- New sound technology such as advanced sound for UHDTV and 3DTV
- Integrated broadcast-broadband (IBB) systems such as HbbTV, HybridCast, GINGA NCL or HTML5 based Smart TV Platform

The session will close with a **Panel Session** debating the biggest future challenges facing the ITU-R in media and broadcast technology

BREAK / DEMOS / PRESS BRIEFING

## **16:00-17:20 Session 4: *Building a sustainable ecosystem for digital TV***

*Session and Panel Chair: (EBU)*

In this session, high-level experts will discuss the future of television, the efficient use of spectrum, the potential convergence between the broadcasting and the mobile service, and other spectrum issues and challenges stemming from the next step of transition, the digital-to-digital transition.

In a panel session, the changes and challenges for a sustained eco-system for digital TV will be discussed.

## **17:20-18:00 Closing Session (Round table) / Conclusions**

*Session and Panel Chair: François Rancy*

The panellist of the round table will draw conclusion from the previous session for the future of television.

*The Symposium will close with a ceremony celebrating those experts whose outstanding contributions ensured the successful completion of the GE06 Agreement.*