

## ARTES Applications Workshop

### Agenda

**5 April 2011**

Welcome address (09:00)

*by Ms Vaissière, Director of the telecommunication and integrated applications directorate, ESA.*

**PART 1: ARTES 3-4 project evaluation and lessons learnt (09:05-11:00)**

**PART 2: Achievements of Integrated and Telecommunication Applications**

► **11:30-12:45 Introduction**

- **ESA creating value along the Value Chain**  
*by Mr Ginati, Head of the Integrated and Telecommunications Related Applications Dpt, ESA*
- **Alphasat applications**  
*by Mr Lascar, ESA*
- **Socio-economic trends, and challenges to be addressed**  
*by Dr. Zenghelis, London School of Economics and Political Science*
- **Relevance of space applications to meet current and future challenges**  
*by Prof. Lebeau, former Deputy Director of ESA.*

► **13:45-15:45 Health related applications**

- **Introduction**  
*by Dr. Dario, Local Health Authority n°9 of Treviso (Veneto Region, Italy)*
- **TEMPUS: Telemedicine for commercial aviation,**  
*by Mr Cornock, Remote Diagnostic Technologies (RDT)*
- **T4MOD : Telemedicine for the French, German, Italian and Spanish Ministries of Defence,**  
*by Mr Mathieu, Military Hospital Ulm*
- **SAFE: Satellites for epidemiology in Georgia,**  
*by Ms Berthier, Institute for space medicine and physiology (MEDES)*
- **TESHEALTH: Telemedicine in support to primary prevention.**  
*by Ms Colitta, Telbios*
- **VECMAP: Disease vector mapping,**  
*by Ms Brak, Dutch National Institute for Public Health and the Environment (RIVM)*

- ASSIST: Assessment and evaluation tools for telemedicine.  
*by Mr Hammerschmidt, Empirica*

▶ **16:15-18:15**      **Capacity Building related applications**

- Introduction.  
*by Ms Figuères, IICD*
- CBICT: ICT for sustainable business in developing countries.  
*by Mr Van der Poel, TNO*
- HEALTH FOR AFRICA: Building e-health services for Sub-Saharan Africa.  
*by Prof. Horsch, Institute for Medical Statistics (IMSE).*
- ISIDE FOR AFRICA: Digital cinema for social and educational development.  
*by Ms Molino, Microcinema*
- FORSWAY: Low cost hybrid terminal triple play solution.  
*By Mr. Forsell and Mr. Lindqvist, Forsway Scandinavia AB.*
- SATELECTIONS: Supporting African electoral cycles.  
*by Abbé Malu Malu and Mr Missoni, IEC - Ms Cuccarese, Openet*

▶ **18:30-20:00**      **Buffet dinner**

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► **09:00-10:15**      **Consumer applications**

▪ **Introduction**

*by Mr Feliciani, ESA*

▪ **3DTV: Creating a stereoscopic broadcasting channel.**

*by OpenSky [Speaker to be confirmed]*

▪ **CoTV: TV programmes and users' generated contents.**

*by Mr Meinkhoen, Cybercultus*

▪ **ISIDE: Networked cinema: the entry of digital technologies in the theatres.**

*by Ms Molino, Microcinema*

► **10:30-12:45**      **Safety, Security and Transportation related applications**

▪ **Introduction.**

*by Mr Rein, German Federal Ministry of Transport, Building and Urban Development.*

▪ **CONT-TRACK: Container tracking.**

*by Mr McPherson, SkyWave*

▪ **IAEA: Enhanced safeguards nuclear monitoring.**

*by Mr Regula, IAEA*

▪ **FLYSAFE: Bird strike risk mitigation in aviation.**

*by Mr Sorbi, Belgian Air Force and Mr. Dekker, Royal Netherlands Air Forces.*

▪ **IRISS: Train tracking, tracing and monitoring.**

*by Mr Dumville, Nottingham Scientific Ltd., and Darren Ward, East Midlands Trains.*

▪ **SASS-2IP: A satellite based alarm and surveillance system.**

*by Mr Nil, Mediamobil*

▪ **SINUE: Creating new capabilities for UAS (Unmanned Aerial Systems).**

*by Mr Calvin, Indra Espacio*

► **14:30-15:45**      **Energy related applications**

▪ **Introduction.**

*by Mr Marti, Spanish National Renewable Energy Center (CENER)*

▪ **SPACEGRID: Supporting power grid management.**

*by Mr Vellucci, TERNA*

▪ **CSP-FoSyS: Production forecasting system to improve reliability of solar thermal power.**

*by Mr Kraas, Solar Millennium AG*

▪ **INTOGENER: Supporting hydropower industry planning and operations.**

*by Ms Romero, Starlab*

► **15:45-15:50**      **Conclusions by ESA**

*by Mr Ginati, Head of the Integrated and Telecommunications Related Applications Dpt, ESA*

**15:50-18:00**      **Bilateral meetings with ESA**