SATELECTIONS PROJECT
"Open eTraining Network for the Millennium
Development Goals"

Noordwijk, 5-6 April 2011

SatElections

In collaboration with

esa

UNDP

IDEA

CEI
Commission
Electorale
Indépendante

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SES ASTRA

"Open eTraining Network for the Millennium Development Goals"

is the spin off of the SatElections Project

"Appropriate Satellite Technology in support of African Electoral Cycles"

Conceived to prepare the staff of the Independent Electoral Commission (DRC) for the next electoral cycle with eTraining modules on 'Effective Electoral Assistance' and 'Electoral Administration'

Evolved with:

The development of a **secure broadband satellite network** to support the voters' registration process via the delivery of near-real-time biometric data for more than 30 million voters

The provision of the **Capacity Building applications** to facilitate the commercial sustainability of the broadband services (such as a free community information portal, "edutainment" contents and Internet access points)
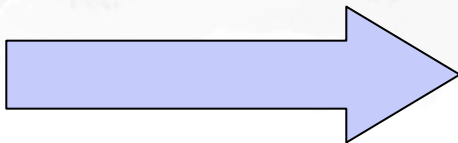
contribution to the achievement of the MDGs
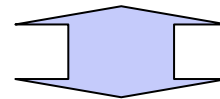
"develop a global partnership for development"

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Global Forum on Reinventing Government, Vienna – 2007

1° STEP

Openet started an important relationship with the United Nations Development Programme (UNDP) and the Independent Electoral Commission of the Democratic Republic of Congo (IEC - DRC)

To share goals, opportunities and risks
"*International commitments for Democratic Elections*"

THE PARTNERS

Industrial Consortium:
- Openet (Prime) – Italy
- SES ASTRA – Luxembourg
- Newtec – Belgium

Institutions:
- UNDP, EC, IDEA Joint Task Force on Electoral Assistance

- European Space Agency
- National Delegations of Italy (ASI), Luxembourg and Belgium (BELSPO)

The Independent Electoral Commission (CEI) of DRC as Pilot Subject of the project
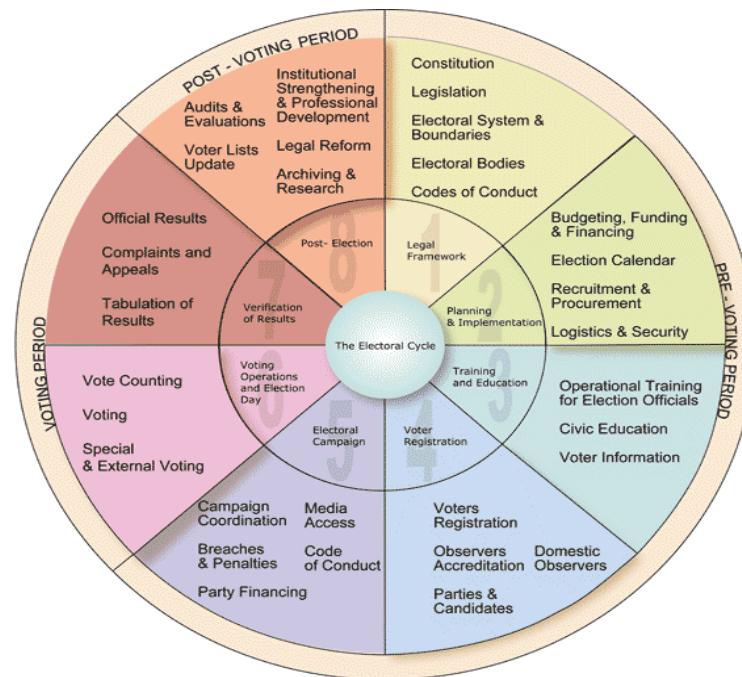
SatElections

The project started at the beginning of 2008

SatElections has raised a large interest and consensus
at the European and international level

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SatElections aims
at developing a one-stop-shop ICT
(Information and Communication Technology) solution

To satisfy the needs of the Independent Electoral Commission (IEC) of DRC during the electoral lifecycle

The first democratic elections since the country's independence from Belgium more than 40 years ago, were held in 2006

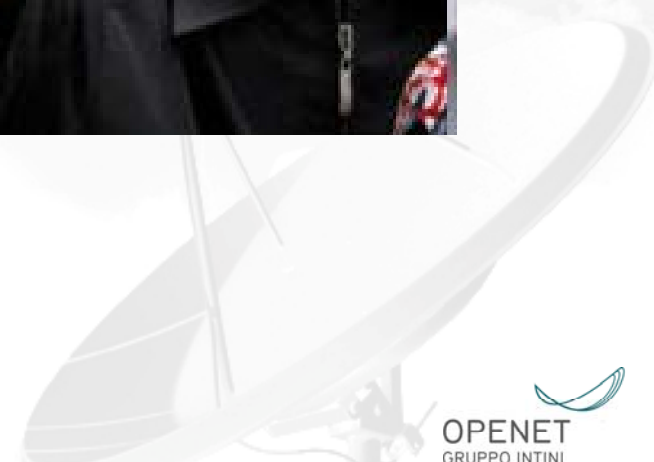Next round of elections (presidential and political) is planned for end 2011

The Commission is completing the voters' registrations (through the biometric kit) and it is expected to have about 30 millions of voters

VOTING OPERATIONS – DRC 2006

VOTING CARDS

DRC ELECTIONS - 2006

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POLLING STATION – DRC 2006

THE OBJECTIVES

MATADI (DRC)

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KINSHASA (DRC)

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THE ELECTORAL CYCLE

From the "EC Methodological Guide on Electoral Assistance"

THE APPLICATIONS
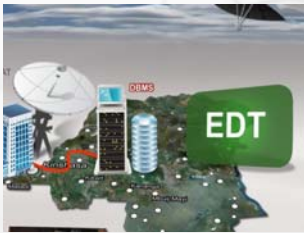
The Electoral Data Transmission (EDT)
 to respond to the electoral needs of the Independent Electoral Commission (IEC) and cope with the electronic delivery of voters' registrations (with biometric data) and candidates' cards

The eTraining activities (eTR)
 to train the operational personnel working for the electoral cycle
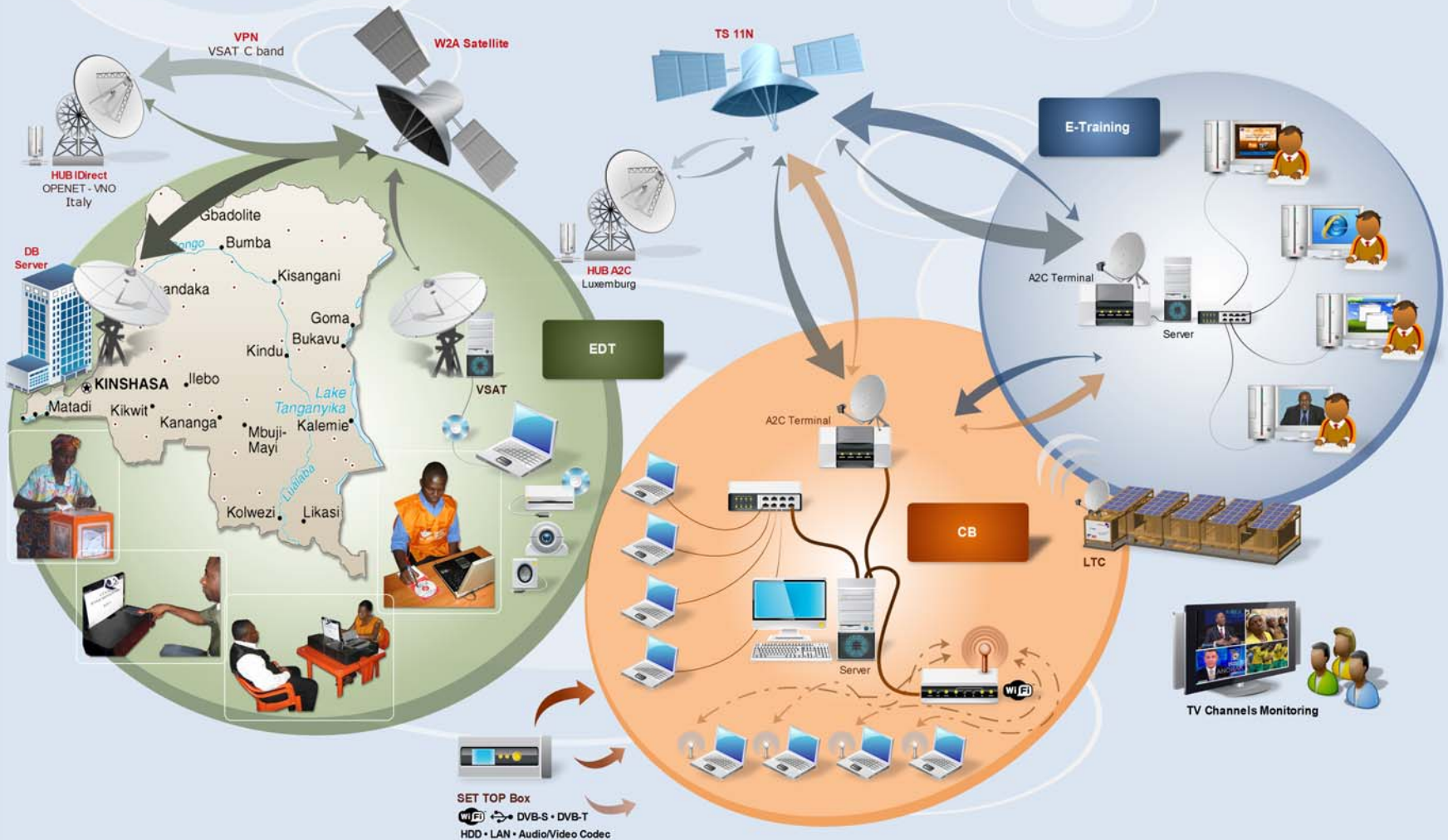
The Capacity Building (CB)
The activities will expand the capabilities of the network with the provision of additional services in support to a set of applications (community information, edutainment, Internet access point) for the benefit of the local communities around the eTraining centres

Logistic support
 development and validation on the field of a self-contained solution
 through a "Learning Tele - Centre" facility (prefabricated structure)
 to provide a one stop solution to the issues of installation, telecommunications, electrical power supply, security monitoring, drinkable water, air conditioning, especially conceived for the most isolated rural areas in Sub Saharan countries

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Aggregate Pilot Network

SatElections

SatElections is conceived to be easily scalable and adaptable to other African countries.

All applications supporting each service (Electoral Data Transmission, eTraining and Capacity Building) can be adapted to other eGovernment needs and can concern not only the DRC but also other African Countries with the same necessities and affected by the same obstacles.

This justifies the technological choice to merge different solutions and technologies (C Band W2A - Ku Band T11N) and to develop a one-stop solution provisioned by the prime contractor Openet (I) operating as a single point of contact.

Go to the A/V contribution

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CURRENT STATUS

The project is on going and till now has carried out the following activities:

- The consolidation of the user requirements and overall network design

- The audio visual production of 4 (four) eTraining modules in the frame of the multicast contents has been completed

- The first step to create a local Audio Visual Unit in Kinshasa has been made by the provision of a first set of equipment and tools

- Pilot operations of the eTraining service in the sites of Kinshasa, Matadi and Lubumbashi have been started since end of March 2011

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KIKWIT: ETRAINING CENTRE

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KINSHASA: SATELLITE ANTENNA OF SAT3PLAY

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CURRENT STATUS

KINSHASA: ETRAINING CENTRE

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CURRENT STATUS

MATADI: TRAINING CENTRE

NOCI (BA) - ITALY: CONGOLESE MISSION FOR THE A/V TRAINING MODULE PRODUCTION

CURRENT STATUS

NOCI (BA) ITALY: TRAINING TO THE IEC PERSONNEL

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PLANNING

The following activities are in the plan for completion by June 2011:

1. The finalisation of the eTraining network together with the completion of the audiovisual modules production

2. The deployment, commissioning and start of pilot operations for the EDT and CB services

Further activities are planned for the next milestones:

- Support the next electoral cycle
- Evaluation of project outcomes and impacts
- Possibility to scale the service to other countries
- Launch of commercial offer and brief explanation of the value chain

SatElections

The SatElections Project

has been instrumental in the **creation of a stable and effective collaboration** between the IEC-DRC and the industrial partners

Through the project activities, a wealth of **knowledge** on technical, operational and business aspects has been exchanged, raising **awareness and know-how** in satellite based ICT services

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THANK YOU FOR THE ATTENTION

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