



Panel 5: Private Sector Initiatives and Partnerships

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How does GIS effect her life?



Source: Robert Ford

- Will she have water for her crops?
- If the crops grow – will there be transportation to get them to market?
- Will there be a clinic nearby for her baby's immunizations?
- Will her children go to school?
- Will the school be accessible year round?

ESRI in Africa

- Conservation
- Spatial Data Infrastructure



Image
courtesy of
MDA Federal

Already presented today...ESRI is a partner in:

- GeoInformation for Sustainable Cities (Fernando@DoS)
- SERVIR & SALB (Carrie@USAID)
- Harvest Choice/CGIAR (Chris@BMGF)
- Global Forest Watch at WRI (Dan@WRI)
- GEO Portal (Jay@IEEE)
- Great Apes Portal (Lilian@JGI)
- Support for EIS-Africa (Sives@EIS-Africa)
- MyCOE (Doug@AAG)
- Global Roads Project (Mark@CIESIN)

Conservation

ESRI Conservation Program

- Early days – UNEP in Nairobi (customer #33!)
- Grants to large and mostly small Conservation organizations
 - www.conservationgis.org
- Society for Conservation GIS (SCGIS)
 - Two Chapters in Africa:
 - Kenya
 - Cameroon
 - www.scgis.org



The Greenbelt Movement

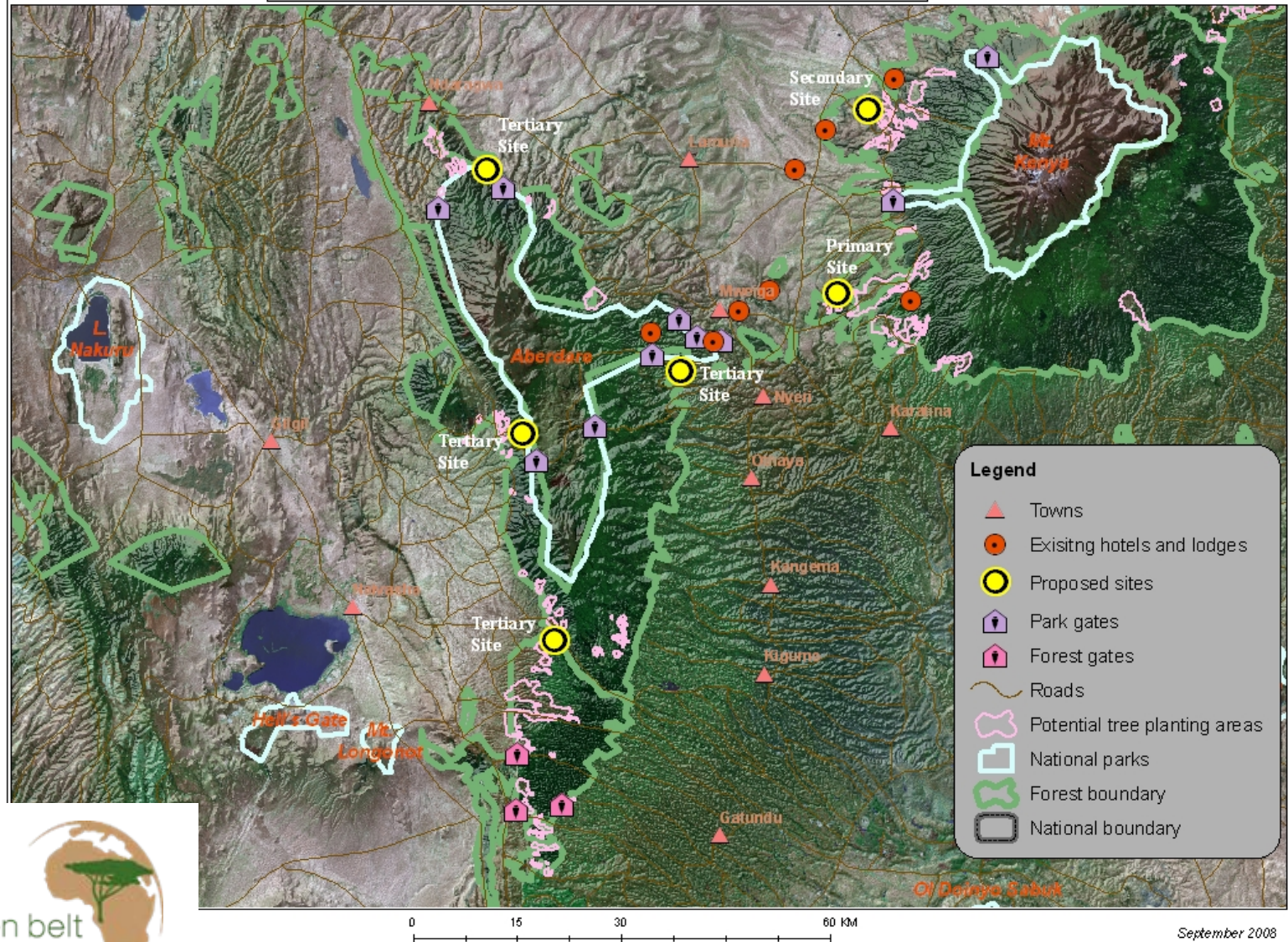
Offsetting the Carbon Footprint of the ESRI International User Conferences



. . . Planting a Forest for All of Us

Proposed Eco-lodge Sites

Proposed Eco-lodge Sites in Aberdares and Mt. Kenya



September 2008

Spatial Data Infrastructure

Spatial Data Infrastructure (SDI)

- **Regional Centers**

- 11 grants

- 1.OSFAC - DRC

- 2.RCMRD - Kenya

- 3.RECTAS - Nigeria

- 4.CSE - Senegal

- 5.CSIGT – Burkina Faso

- 6.CEDARE – Egypt

- 7.SADC-RRSU –
Zimbabwe/Botswana

- 8.AGRHYMET – Niger

- 9.ADEI/REIMP – Gabon

- 10.CRASTRE-LF – Morocco

- 11.CENATEL - Benin

- **Global Map/GSDI Grant Program**

- 1/3 to African National Mapping Agencies

- ...connection to MACGA (USAID GDA project)

- **Sustainable Urban Management**

- Training in MENA region

Implementing SDI requires more than technology

- Vision and Leadership
- Management Support
- Understanding of Business Processes
- Governance and Finance Models
- Planning
 - Technical Architecture
 - Data Models
 - Organization
 - Implementation Work
- Good People
 - . . . and a Spirit of Collaboration



Source: Jo Tagg

First Kenya SDI workshop in 2001

Participatory Workshops and Seminars



Other activities in Africa

- **Agricultural Research**

- CGIAR Centers
- HarvestChoice with Gates Foundation, IFPRI, and others

- **Peacekeeping & Mine Action**

- UN Peacekeeping Missions
- Information Management System for Mine Action (IMSMA) with GICHD

- **Disaster Response & Humanitarian Assistance**

- Humanitarian Information Centres (HICs)
- SERVIR with NASA, USAID, and RCMRD

- **Global Health & Demographic Initiatives**

- WHO
- The Carter Center/CDC
- UN Statistics Division – Population and Housing Census (2010 Round)

Other activities in Africa (cont.)

- **Land Tenure & Poverty Reduction**
 - Clinton Global Initiative (CGI) in Ghana
- **Urban Management**
 - GeoInformation for Sustainable Cities
 - 1000 Cities GIS Program with UN HABITAT
- **Climate Change**
 - Adaptation Atlas by Resources for the Future (RFF)

Lessons Learned

- Think program – not project
 - Partnerships often form quickly – but expect a long time horizon to fund activities and work with stakeholders
 - Engage stakeholders/beneficiaries early
 - Must have a good local (on-the-ground) partner in-country
 - Good to have an event as a motivating factor (target date)
 - All parties must understand the definition of partner (vs. donor)
 - Track requirements of each partner
 - Work through public agency partnership offices & private sector CSR team, if possible
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- Where there is a will – there is a way!
 - There is more to do than we have time for...so let's get going!

Opportunities for programs and projects in Africa

Sectors:

- **Agricultural Productivity**

- economic development - increase exports to EU and other regions
- food security

- **Urban Management**

- slum upgrading

- **Global Health Issues**

- AIDS, TB, Malaria, etc.

- **Climate Change**

- adaptation

- **Energy**

- geothermal
- wind

Capacity:

- **Universities**

- business
- planning/design
- public health
- engineering

- **Communities**

- youth mapping

Demonstration...

- **AgMarket Finder** –
Prototype built by ESRI for the
Gates Foundation and
Harvest Choice



Upcoming Events

- **ESRI International User Conference**

- July 13-17, 2009
- San Diego, California
- Africa Regional User Group
- Sustainable Development & Humanitarian Affairs Track & Special Interest Group

- **ESRI Eastern Africa User Conference**

- September 24-25, 2009
- Addis Ababa, Ethiopia

- **AfricaGIS'09**

- October 26-30, 2009
- Kampala, Uganda

- **2009 GIMS User Conference**

- October 21-23, 2009
- Alpine Heath, North Drakensburg, South Africa

ESRI

Providing GIS expertise and support worldwide



Thank you!

