









Building Capacity In-Country Means Creating Local Jobs

This is the Next Generation of GIS Professionals

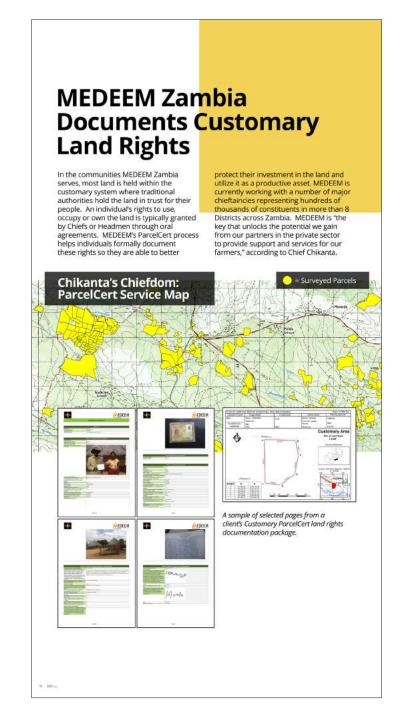
MEDEEM Zambia's Chief Technology
Officer, Ebenezer Odoi, teaches GIS
and engineering systems courses at the
University of Zambia, where he is helping
to train Zambia's next generation of GIS
engineers. In working with these students,
MEDEEM Zambia engages in a unique
opportunity to introduce local engineering
students to Geographic Information
Systems (GIS) concepts, Mobile application
development, and Esri's ArcGIS platform
with emphasis on data integration with
current industry standards in Zambia.
In turn, MEDEEM Zambia also provides
meaningful employment and internship
opportunities for promising
students

These educational and employment opportunities for Zambia's youth would not be possible without Esri's generous support and commitment to education, Esri's contributions of training materials and software enable the University of Zambia to establish a first class curriculum in GIS, graduating many university students with these new interests and skills. As MEDEEM Zambia grows, it is building a solid base of new local hires that are well educated, trained and qualified in this important technology. MEDEEM is grateful for the support and leadership Esri has shown in making education a priority.









Providing Tools for Informed Land Use Planning in Traditional Communities

In Zambia's traditional areas, MEDEEM's process organizes the land inventory for the Chief while also generating a foundation of land tenure security for his/her constituents. MEDEEM's Traditional Area Service maps provide a foundational basis for smarter and better-informed land use planning decisions. For example, existing footpaths may provide the basis for the location of new roadway easements, or how best to connect a concentration of farming lots for distribution to the marketplace. Once a comprehensive parcel service map is created, the chief is better equipped to manage the land more effectively and to plan for a brighter and more resilient community that will address the future needs of his/her constituency.



Chief receiving a map of the traditional area under his control that includes existing individual parcels, roads and services which have been surveyed by MEDEEM Zambia





MEDEEM: Lifting Local Economies One Parcel at a Time

Over one billion of the world's poor lack the simple security of legally recognized land rights. The inability to gain formalized land rights remains a formidable barrier to economic progress worldwide. MEDEEM's mission is to provide equitable access to land tenure security and targets its services to those at the base of the economic pyramid, focusing on women, smallholder farmers and other vulnerable groups.

MEDEEM recognizes the dignity, economic



Sometimes Differences Unite Us

MEDEEM Zambia: Helping Communities Understand Interconnections



MEDEEM's ParcelEye®

Delivering Comprehensive Land Tenure Documentation

The MEDEEM ParcelCert* process includes a highly efficient workflow and proprietary mobile data collection system called ParcelEye* that is easily customized to meet the specific needs of government or traditional land registries. ParcelEye* is capable of collecting all pertinent land tenure information from the client as well as relevant testimony from boundary neighbors.

ParcelEye® captures data and digital images of the client, the property, identification cards, signatures, fingerprints as well as all other relevant evidentiary documents. All data and images are digitally stored in a secure cloud-based data center with multiple data feed capability for measurement and evaluation purposes.



Empowerment Begins with Knowledge

When people don't know their rights they are more vulnerable to losing their land. This is especially true for women and those who hold informal rights to land particularly where illegal land grabs have become common, Integral to MEDEEM'S ParcelCert process is their customized Land Rights Awareness Program, designed to equip people with knowledge of their communal and constitutional rights as they relate to land, Our ParcelCert officers are fluent in local dialects and are able to encourage participation and dialog at the village level.

We stress the importance of documenting land rights and how to recognize and avoid predatory practices. MEDEEM's Land Rights Awareness program is introduced at the village or community level through group meetings to invite local participation and engagement. The Land Rights Awareness Program is followed by one-on-one interviews with each client during the Parcel Certification process where clients are given further opportunity to ask questions in a private setting.





