



LAND ADMINISTRATION

Surveying and mapping

Land Equity International (LEI) assists private and public organisations within the survey and mapping sector to provide reliable and accessible survey and geographical information to government agencies responsible for land administration, land use planning and environmental management. We understand the need to consider demand-driven survey accuracies using efficient cadastral surveying and mapping techniques (including data and document storage). These are essential for successful land administration systems, land titling and geographic information system applications.

LEI is experienced in:

- *Geodetic control* – establishing and upgrading geodetic and mapping control surveys, revising survey ordinances and regulations, defining and assisting with the establishment of new high-precision national datum
- *Cadastral survey and mapping* – reviewing survey standards and processes, developing survey and mapping standards and field operation manuals, survey verification, and cadastral index mapping
- *Technology transfer* – introducing contemporary survey technology use, such as global positioning systems and total stations accompanied by comprehensive training, and documentation with complete field-to-office delivery, and
- *Training and capacity building* – developing training strategies, on-the-job training, formal training courses and educational curriculum in the areas of surveying and mapping, from both theoretical and practical training perspectives.

Clients can expect the following when working with LEI:

- LEI takes a fit-for-purpose approach to land administration, ensuring technical solutions are not over-engineered. We take such an approach when

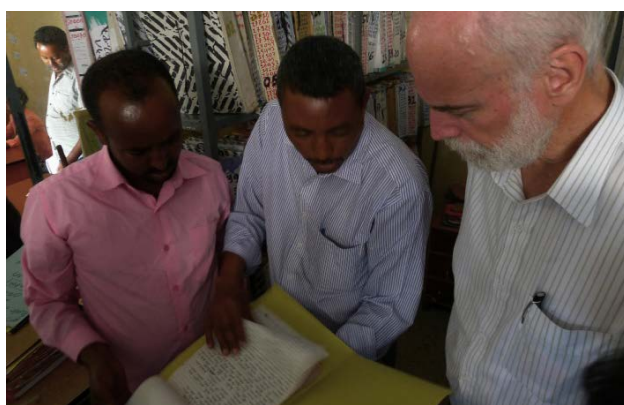
involved in designing spatial, legal and institutional frameworks. The solution encompasses country requirements for managing land issues. It is not biased towards a particular technology or survey technique. It is reasonably priced, encompasses all tenure types, and can be completed in a timely manner. The end product is suitable for stakeholder needs “now”, but can be upgraded (scaled-up) at a later date. Such a solution can be adapted to the different regional needs in a country. Development and maintenance is sustainable through the use of a network of locally-trained land officers (see capacity development).

- LEI provides and supports a wide range of surveying and mapping techniques with full customisation options.
- We look to international leading practice for the latest and most suitable technology options to improve accuracy, precision and efficiency within projects.
- Our focus on capacity development ensures sustainable outcomes. LEI customises training to ensure ongoing support to local staff undertaking survey and mapping activities. Support may also be provided through field operation manuals and essential information on equipment maintenance procedures.

Project examples

Project Name	Country (Client)	Project Timeframes
Participatory Mapping and Planning Sub-Activity No. 7 (PMaP7)	Indonesia (MCA-Indonesia)	2017-2018
One Map Technical Assistance	Indonesia (World Bank)	2017-2018
Review of the Legal Cadastre of the Government of Ethiopia	Ethiopia (World Bank)	2016-2017
Design, Supply and Implementation of a Land Information System project	Uganda (sub-contracting to IGN – World Bank)	2016-2017
Participatory Mapping and Planning Sub-Activity No. 3 (PMaP3)	Indonesia (MCA-Indonesia)	2016-2017
Participatory Mapping and Planning Sub-Activity No. 2 (PMaP2)	Indonesia (MCA-Indonesia)	2016-2017
Land Tenure Support Program (LTSP)	Tanzania (MLHSD, GoT)	2016-2019
Development of Implementation/Action Plans to Enhance Mobility of ASEAN Professionals on Surveying Services	ASEAN countries (ASEAN-Australian Development Cooperation Program Phase II, undertaken with the ASEAN Surveying Working Group)	2015
Vanuatu Land Program (formerly Mama Graon – Land Program)	Vanuatu (DFAT (as AusAID) and New Zealand Government)	2010-2015
Growth and Employment in States (GEMS)	Nigeria (DFID and World Bank, LEI contracted by Adam Smith International)	2012-2014
Modernization of Land Services and Institutional Strengthening	Lesotho (MCA Lesotho)	2009-2013
Second Infrastructure Asset Management Project (SIAM-2)	Samoa (Government of Samoa, Ministry of Natural Resource and Environment)	2012
Support to a Cadastral Service Center (CSC) in the Municipality of Dupnitsa, Bulgaria	Bulgaria (“Dupnitsa Registar Imoti” AD)	2011-2012
Review, Design and Specification of Title and Deeds Registration System, Business Environment Strengthening Technical Assistance Project (BESTAP)	Malawi (World Bank)	2010-2011
Harmonization of Land Administration	Ethiopia (World Bank)	2010
Systematic Land Regularization and Improvement of Rural Land Allocation Processes in Lesotho (Design Phase)	Lesotho (MCA Lesotho)	2009-2011

For more in-depth information on our projects, please see: www.landequity.com.au/projects



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