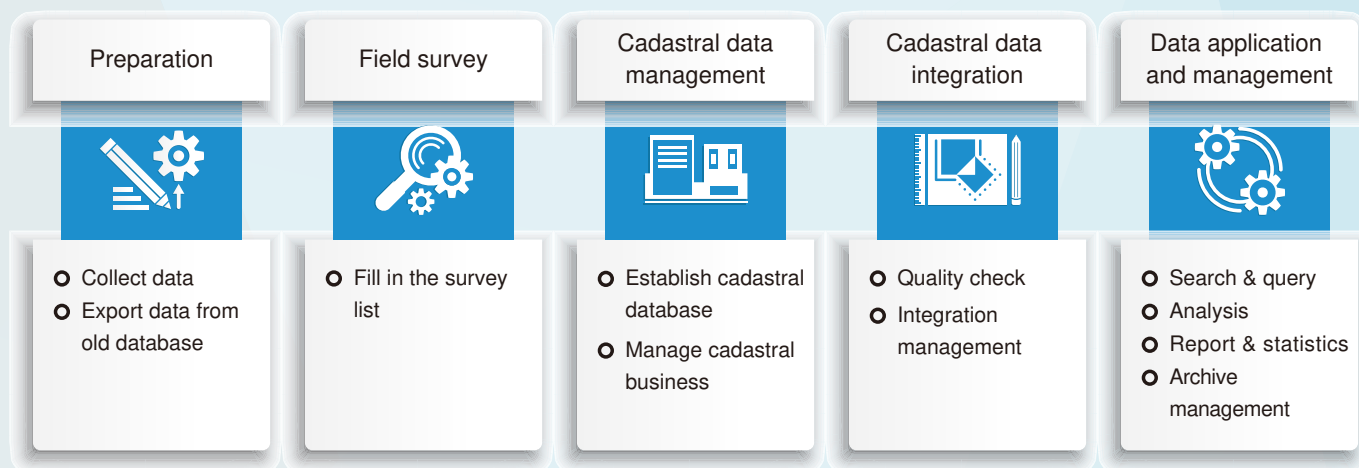# KQ GEO TECHNOLOGIES

KQ Cadastral Management Solution

Overview

A cadaster commonly includes details of the ownership, tenure, precise location, area, use and grade of an individual parcel of land. It is featured with large capacity, diverse sources and frequent alterations.

Our solution is able to realize 2D & 3D integration of cadastral data management, and establish a sophisticated cadastral database. With its strong data management and spatial analysis ability, this solution enables statistics and query, measurement and analysis, as well as dynamic supervision, to ensure data quality, trace history information and grasp changing trends of land. Thus, it is very suitable for cadastral administrations to manage cadastral inventory results and alterations of land parcels, and assist in daily business of land registration.

Preparation	Field survey	Cadastral data management	Cadastral data integration	Data application and management
O Collect data O Export data from old database	O Fill in the survey list	O Establish cadastral database O Manage cadastral business	O Quality check O Integration management	O Search & query O Analysis O Report & statistics O Archive management

Features

Cadastral database building management

- Support various functions including collection and conversion of cadastral data, data inspection and processing, storage and maintenance, alteration as well as result output.

2D & 3D spatial display and analysis

- Realize 2D & 3D integrated display of cadastral data, and support measurement, analysis, 3D roaming, layer management, map operation, etc.

Synchronization management of historical data

- Support dynamic update of cadastral maps, basic attributes and services.