

**CONTROLLING OFFICER'S REPLY**

**DEVB(PL)176**

**(Question Serial No. 2703)**

Head: (91) Lands Department  
Subhead (No. & title): (-) Not Specified  
Programme: (2) Survey and Mapping  
Controlling Officer: Director of Lands (Ms. Bernadette LINN)  
Director of Bureau: Secretary for Development

Question (Member Question No. 34):

Has any specific target been set in respect of the enhancement of the Land Information System (LIS)? If yes, what are the details? What specific measures will be adopted in 2014-15 to achieve the targets? What are the respective details, costs and manpower involved as well as implementation timetables for these measures? What impact is the enhancement of LIS expected to have on the maintaining of the digital map database? Will the Government provide relevant training and workshops to its staff along with the enhancement of LIS in 2014-15? If yes, what are the details, costs and number of target trainees; and what are the changes in these aspects vis-a-vis 2013-14? If no, what are the reasons?

Asked by: Hon. TSE Wai-chuen, Tony

Reply:

To continuously enhance the functions of Land Information System (LIS) and enrich its data contents for maintaining the digital maps and land boundary database, the Lands Department (Lands D) targets to supply other government departments and the public with new digital maps in different data formats for meeting contemporary needs. To this end, the Department is preparing for the implementation of a Geospatial Data Conversion Suite (GDCS) which is targeted to be completed in October 2014.

Upon production of GDCS, the native land boundary and mapping data stored in LIS can be automatically converted into several common Geographic Information System (GIS) and Computer Aided Design (CAD) formats to support different GIS and CAD applications. Digital map and GIS users will be able to enjoy the full benefits of the LIS data, such as allowing the selection of digital map base by user-defined area of interest, in any part of the territory; availability of seamless digital map base which saves users' efforts in merging discrete map tiles before use; providing delta change information on every map update; and allowing retrieval of past data. It is anticipated that the newly converted GDCS land boundary and mapping data will be made available to digital map users in October 2014. Lands D will use existing resources to manage the enhanced LIS.

Apart from providing general training on the operation of LIS to both professional and technical grade staff in Lands D, the GDCS contractor will provide system training in 2014-15 to about 20 staff members of Lands D who are directly responsible for the operation and administration of GDCS, in accordance with the training plan drawn up earlier.