



Action Plan - 2025

Survey Department of Sri Lanka
Ministry of Agriculture, Livestock, Lands, and Irrigation

Vision

**To be “The Leader of
Land Information Right through”**

Mission

**“To Provide High Quality Land
Information Products and Services
through Professionally Qualified and
Dedicated Personnel”**

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1. Introduction

Survey Department established in 1800 has been pioneering surveying and mapping functions in the fields of Surveying and Mapping such as all types of Land Surveying including under the Title Registration Act, Mapping, Remote Sensing, Global Navigation Satellite System (GNSS) based surveys, Geographical Information Systems (GIS), Land Information Systems (LIS), Photogrammetric Activities, Geodetic Surveys and Geo- Names activities that have been statutorily assigned to the Department. The Department has been contributing in numerous ways for the government development projects by performing national requirements in land surveying and mapping. Some of the **National Level Survey Requirements** accomplished in 2024 can be mentioned as follows.

Type of Surveys	Indicator	2024		
		Target	Achievement	Progress (%)
Statutory surveys (issuing grants , lease. and others)	Allotements	39,460	45,422	115
Acquisitions surveys (Sec.II, VI & 38)	Lots	7,365	3570	48
Engineering surveys (Irrigation and other development projects)	Hect.	204	39	19
Miscellaneous Surveys	Lots	28,410	30,300	107
Court commission surveys	Commissions	575	544	95
Cadastral surveys	Lots	87,160	105,220	121
Issued “O” Diagrams under Urumaya Project	Diagrams	-	97,980	-

Surveys completed in 2024

Surveys carried out under the Land Development Ordinance

- Surveys carried out for providing grants under the Government's Accelerated Development Program

Surveys carried out for other organizations under the Government Land Ordinance

- Ridiyagama Dairy Farm Surveys
- Surveys for public requirements such as schools, cemeteries, play grounds

Acquisition Surveys for government development activities

- Construction of strong wind power plants
- Surveys for Road Development Authority
- Surveys requested by the Urban Development Authority
- Surveys requested by the National Housing Development Authority
- Acquisition for water supply projects

Land acquisition Surveys for road and railway line development works

- Surveys of section of Kurunegala of Kurunegala-Anuradhapura railway line
- Kurunegala Habarana Railway line Survey
- Acquisition Surveys for Central Expressway

Other surveys carried out as per the timely requirements

- Wilpattu National Parks Land Disposal Surveys
- Acquisition Surveys on Pahala Malwathu Oya Project
- Survey of Laying Land marks in Kottawa Forest
- Surveys for obstacle survey at Katunayake, Ratmalana and Mattala airports
- Land Acquisition Surveys for the Puttalam Aruwakkalu Project
- Kotiyagala Residual Forest Surveys
- Ridiyagama Dairy Farm Surveys
- Surveys carried out under the Moragahakanda Kalu Ganga Development Project
- Estate Surveys
- Surveys carried out under North Western Canal Project
- Surveys carried out under Minipe Canal Project
- Surveys carried out by Licensed surveyors and the Government surveyors under the BimSaviya
- Development project surveys under the Urban Development Authority
- Wari Saubhagya Surveys
- Surveys carried out for marking 200 and 400 yard at Sigiriya
- Surveys carried out for granting sacred land deeds for the Ukuwela Ancient Rajamaha Viharaya which was held concurrently with the Vesak Festival
- Kandegama Dananjaya Raja Maha temple Survey in Polonnaruwa District
- Surveys relating to Kolonnawa rainwater drainage and environmental improvement project
- Surveys relating to the Weras River rainwater drainage and environmental improvement project
- Surveys relating to the Greater Colombo Flood Control Project
- Preparation of “O” diagrams to issue land deeds under the Urumaya Program
- Acquisition surveys for Pinnawala Zoo
- Basnagoda Reservoir Project
- Surveys of Tissa Viharaya
- Survey of land belonging to the President's House in Kankasanthurai
- Surveys carried out for Solar Power Project (Arinma Holdings)
- Survey of flood damage in Ampara district
- Detail Surveys related to Pulmude Mineral Sand Corporation
- Details and Digital Elevation Model (DEM) applicable to the Eastern Province Tourism Zone

Hosted of the 45th Asian Conference on Remote Sensing in Sri Lanka in November 2024

Realizing the importance of Remote Sensing technology in national development activities, countries within Asian-Pacific Region have formed an association on Remote Sensing in Asia called Asian Association on Remote Sensing (AARS) where Sri Lanka is a founder member. The association comprises of number of member groups, ordinary members, associate members, and sustaining members. Survey Department functions as a national center for Remote Sensing in Sri Lanka and ordinary member of the AARS. AARS is a prestigious

annual event organized by AARS and host country, held in rotation within the Asia Pacific region to promote Remote Sensing in the region.

The prime objectives of ACRS are

1. To exchange technical expertise and academic experiences
2. To promote operational applications of Remote Sensing and related technologies
3. To discuss about the issues related to Remote Sensing and Geo Information Management
4. To promote regional corporation among member countries

Hosting the ACRS - 2024 in Sri Lanka was benefited the country immensely in promoting geospatial activities including Remote Sensing and also attracted international attention towards our country and there by created an opportunity to earn foreign exchange through foreign participants.

ACRS was held in Sri Lanka in 1983, 1996, 2008 and 2016. The 45th ACRS Conference in Colombo, Sri Lanka hosted by Asian Association of Remote Sensing (AARS) and the Sri Lanka Survey Department (SLSD) had over 500 participants from over 15 countries. The conference theme was “stepping Towards Economic Sustainability through Spatial Data Services”

Geo-Spatial Information and Surveying Activities of the Survey Department

The Survey Department of Sri Lanka is responsible for producing and disseminating various geo-spatial information products. These products include Geodetic Control Points, LiDAR Data, Aerial Photographs, Topographical Maps, Land Use Maps, Thematic Maps, and Cadastral Data, available in both analogue and digital formats. These datasets support development, research, and planning activities for government and private organizations.

Mapping Branch

Digital data is produced through various methods, including data extraction from aerial photographs, scanned maps, digitized paper maps, satellite images, and LiDAR data. The department provides data in standard GIS and CAD formats and produces customer-oriented maps in digital JPEG format and hardcopy prints upon request. Litho-printed standard topographic and thematic maps are also available for purchase.

The standardized geographical names, provided by the Geographical Names Branch, are used for mapping purposes. The department produces and distributes digital and printed maps through multiple methods, including aerial photographs, satellite images, and LiDAR data. Maps are available in GIS, CAD, and digital JPEG formats, with litho-printed topographic and thematic maps also available for purchase.

A Geographical names standardization committee was established in 2015 and concluded its work in 2018. During this period, the standardization of geographical names in Sinhala and Tamil was completed and the process of spatial Romanization began. In 2019, the Geographical

Names Regulatory Board was formed, leading to the development of a national policy and the drafting of a bill for geographical name nomenclature. The Sinhala Romanization was completed in 2022, covering 250,000 geographical names. The preparation of the national policy and bill is an ongoing activity of the geographical names Regulatory Board.

Geo – informatics Branch

Geo-informatic branches include Center for Remote Sensing, AIR surveys, Geographic Information System and NSDI branch which are mainly responsible for spatial data capturing, updating, maintaining databases and disseminating among stakeholders. Accordingly, two data sets are maintained at 10K and 50K scale covering the entire country. This includes data layers; namely Building, Transport, Hydro, Land Use, Utility, Admin Boundary, Elevation & Toponym. In addition, LiDAR data, Aerial photographs are also available for many more stakeholders to be used in their studies as well as in different types of applications. These databases are used to produce different types of cartographical products such as topographical maps, Thematic maps, Atlases and many more. Currently the main source of data capturing in Geo-informatic branches is high resolution Satellite images.

The GIS Branch of the Survey Department has established comprehensive digital topographic databases designed for Geographic Information Systems (GIS) applications. These databases include eight data layers: administrative boundaries, buildings, transport, hydrology, terrain, land use, toponym, and utility, organized into tiles for efficient topographic mapping. The primary focus for 2025 is updating and maintaining these datasets for accuracy and relevance.

National Spatial Data Infrastructure (NSDI)

It has been undertaken an initiative for establishing National Spatial Data Infrastructure (NSDI) in the country since 2001 and has been identified as one of the key requirements in e-Government of Sri Lanka. The primary focus of NSDI is to create world-class infrastructure and solutions that will enable spatial data standardization, avoid data duplication, improve data quality, improve transparency in data sharing across Departments and provide a technology platform for developing spatial data decision support tools. A road map for the NSDI has been prepared and to be implemented in coming years.

The topographic data model used by the Survey Department for the past 15 years has been updated to align with the NSDI data model in 2023. Starting from 2024, the topographic data collection for updating the 10K topographic database which is done in Remote Sensing and Photogrammetric branches will be continued on this newly developed data model the coming years.

Land Information System (LIS) Branch

The Survey Department of Sri Lanka, in alignment with the Registration of Title Act, No. 21 of 1998, has recognized establishment and maintain Land Information System (LIS). Initially LIS branch established for this purpose. After introducing the digital data collection it has been surveyed 2.4 million land parcels since now and being uploaded day to day survey data

aswell. The Survey Department of Sri Lanka, in alignment with the Survey Act, has recognized the critical need of digitize the existing statutory plans available in physical formats as part of its mandate to establish a comprehensive Integrated Land Information System (LIS). This initiative aims to modernize land administration and management across the country, enhancing the accessibility and integrity of land information. An initial assessment conducted by the LIS Branch has revealed that there are approximately 111,987 hard copy plans, encompassing nearly 3.6 million land parcels, which require digitization and corresponding attribute data entry. This digitization effort is essential for building a robust digital land registry and ensuring the preservation and efficient management of land records. By now, all the necessary digitizing tools, instructions to digitize, data processing tools and database schemas to store spatial and non spatial data are prepared by LIS Branch. Facility to issue requisitions for plan digitization and receive digitized data after digitizing via digital platform through Survey Requisition Information Management Systems (SRIMS) has been prepared by IT branch to manage digitization programme attended by surveyors working at district level throughout the country.

Geodetic Branch

Maintaining, upgrading and expansion of horizontal and vertical Geodetic Control Networks is a mandatory responsibility of the Survey Department. Since the establishment of Sri Lanka Continuous Operation Reference System (SLCORS) network by Global Navigation Satellite System (GNSS) technology, fulfilling of geodetic requirements in Western Province and in nearby several districts has been made easy. Road maps are already been prepared for the expansion of the SLCORS Net to cover the whole Island. Developing a Geoid Model is in the program which is so vital to improve the usage of the CORS Net. Validation of control point setups carried out by the private sector. It is also a service of the Department to validate the coordinates of the control points which established by the private sector.

Special Survey and Quality Control Unit(SS & QC) and Special Task Unit (STU)

Unmanned Aerial Vehicles (UAVs), also known as drones, have become increasingly popular in surveying and mapping due to their ability to capture high-resolution images and generate accurate geospatial data.

The main responsibility of STU will be capturing, processing and producing following data for end-user for better interpretation and analyzing.

1. Capturing high-resolution images which are providing detailed and clear visuals of the terrain. This high level of detail is useful for various applications, including land use planning, environmental monitoring, and infrastructure inspection.
2. Developing Orthophotos which are geometrically corrected aerial images with uniform scale. Orthophotos are valuable for mapping and analysis, as they eliminate distortions caused by terrain variations and camera angles.
3. Developing Digital Elevation Models (DEM)s which represent the topography of the surveyed area.
4. Developing Point Clouds with LiDAR sensors or photogrammetric techniques can capture data to create point clouds.

5. Production of 3D Models which are useful in urban planning, construction, and architectural design, allowing stakeholders to visualize the terrain and structures in three dimensions.

LiDAR (Light Detection and Ranging) surveys provide detailed and accurate three-dimensional information about the Earth's surface.

1. Developing high resolution Digital Elevation Models.
2. Producing Bare Earth Models by filtering out vegetation and man-made structures used in hydrology and geology.
3. 3D Point Clouds generation
4. Building Information Modeling (BIM) in creating accurate 3D models of buildings and infrastructure.
5. LiDAR data to be used in agriculture for terrain modeling, crop monitoring, and yield prediction

Institute of Surveying and Mapping

The training institute of the Department, Institute of Surveying and Mapping Diyathalawa (ISMD) has been recognized as a Degree awarding institute. It is the place to promote the sound application of Surveying, Mapping and Land Management through programmes of education, research and advisory services. The necessity of the advanced training facilities in Land Surveying, Land Management and related fields in order to award degrees and diplomas, for instance postgraduate diploma, has arisen recently. The Institute is planning to cope up with this national requirement in 2025. If possible, to amend the ISM Act, will planned to annually recruit students who have passed the G.C.E. A/L examination for degree and we will hope to conduct Higer National Diploma course for A/L students after getting NVQ level6.

The department continues to implement a productivity programme aimed at enhancing efficiency, public service quality, and employee satisfaction. This initiative will be pursued in 2025 to ensure improved service delivery and operational efficiency. The Survey Department of Sri Lanka plays a crucial role in producing and managing geo-spatial information essential for national development. By leveraging modern technology and adhering to international standards, the department continues to enhance its services and contribute to the country's e-Government framework. The ongoing initiatives, including NSDI, LIS, and SLCORS expansion, reflect its commitment to accuracy, efficiency, and public service excellence.

1.1 Objectives

The activities of the Survey Department are directed towards the well-being of the people through a network of offices spread throughout the Country, comprising Surveyor General's Office (SGO), Provincial Deputy Surveyor General's Offices (PSG Offices) (9), District Survey Offices (DSOs) (25), Divisional Survey Offices (Divi.SOs) (87) and Institute of Surveying & Mapping, Diyatalawa (ISMD). The functions of the Department are targeted on the following objectives.

- (a) To regulate all land survey activities in Sri Lanka;
- (b) To establish and administer the National Geodetic Control Network;

- (c) To specify the standards of accuracy for cadastral, geodetic and topographic surveys;
- (d) To set standards for mapping;
- (e) To establish and administer a system of accreditation for registered surveyors seeking to conduct surveys under the Registration of Title Act, 21 of 1998 and to maintain a register of the surveyors issued with Certificates of Accreditation;
- (f) To establish and make available to all Surveyors the base lines for the calibration of survey bands and electronic distance measuring equipment;
- (g) To receive, approve and maintain cadastral surveying records so as to facilitate the production of cadastral survey plans and maps and to serve as a comprehensive base for integration of land information;
- (h) To produce and maintain records of topographic, thematic and special purpose maps;
- (i) To be the principal authority responsible for receiving, storing and exchanging in any form all data for the purpose of promoting the integration of surveying and mapping, geographically based information and land related information with land information system requirements ;
- (j) To provide land surveying, land information and related services;
- (k) To receive, store , reproduce and distribute, topographic, cadastral and derived maps, remote sensed data, aerial photographs and other survey and mapping documents ;
- (l) To authorize where appropriate the use or reproduction of survey and land information recorded by the department and to levy a fee for the use or reproduction of information;
- (m) To co – ordinate where necessary, with foreign agencies for the exchange of surveying, mapping and land information technology;
- (n) To render advice to any Government Department, public Corporation or other institution on surveying, mapping and land information activities and related matters and to levy a fee from such corporation or such institution for the advice so rendered;
- (o) To conduct such research as may be necessary in respect of matters relating to surveying;
- (p) To issue a certificate authorizing any person, to function as a draughtsman is competent to prepare a survey plan using surveyor's field notes and to compute the area of a survey plan for the use of any registered surveyor, after satisfying himself of the competence of such person by conducting examination ;
- (q) To ensure the maintenance of high professional standards among persons engaged in land survey activities in the Department;

1.2 Functions

- Having carried out statutory surveys under Land Development Ordinance and State Land Ordinance, diagram issuance activities for providing grants
- Surveying of lands and acquisition surveys which are the basic requirements for giant development schemes such as highways, widening of roads, construction of air ports, harbors, tourism projects, power projects.
- Surveying of all the state and private lands situated in the island for implementation of Bimsaviya Program, in terms of the Title Registration Act No.21 of 1998 and preparation of Cadastral Maps,
- Carrying out of surveys by using new technological methods for providing of land information efficiently that required for the parties who take decisions to resolve social issues considering as a timely need.
- Providing of land information efficiently, when providing of relieves to public in an emergency situation affecting the island
- In Terms of the powers vested under the survey act No.17 of 2002 so as to able to obtain latest information for planning of development activities.
 - Setting out, maintaining, improving of geo control points so as to cover entire Sri Lanka.
 - Collecting of Land information
 - Update of 1:50,000 and 1:10,000 topographical digital data bases by using data collected by high resolution satellite images, LiDAR.
 - Storing of land information in the manner that can be utilized by the parties concerned.
 - Preparation of topographical maps, thematic maps and maps at customers' requests.
 - Facilitating to purchase all products relating to maps in printed and digital form.
- Carrying out of surveys, that required for national development i.e. projects such as development of roads and expressways, construction of reservoirs and surveys for the needs of different institutions.
- Maintaining of an updated land information system which land information could be provided for the public needs.
- Introducing of accurate and specific geographical name system that supports to the national unity associated with cultural heritage of Sri Lankan people.
- Design the national program, for common use and sharing of spatial data and information.

1.3 Main Thrust Areas

1.3.1 Completion of National Mapping Requirements

- Topographical map production and updating
- Thematic map production
- Services on customer request
- Issuance of public tracings from existing plans for statutory and other individual Requirement
- Maintaining islandwide established Fundamental Bench Marks (FBMs)
- Establishing, maintaining and providing services for spatial data systems
- Establishing and maintaining Geodetic Control Points (GCPs)
- Establish and maintain an updated geographical name database (Geo Names)
- Attending to Public complaints
- Conducting Departmental examinations

1.3.2 Surveying for National Requirements

- Statutory surveys for land alienation
- Surveying of lands under the Land Acquisition Act.
- Survey for vesting and re-vesting acquired land
- Surveys for setting out boundaries of existing plans/tracings
- Engineering Surveys
- UAV Surveys
- Surveys related to reservoirs
- Surveys for establishing MSL Heights
- Surveys for Establishing Geodetic Control Points for national projects & Registered Licensed Surveyors
- Surveys for connecting field surveys on other coordinates to the National Grid (SLD 99)
- Surveys under the Title Registration Act
- Development of WEB based integrated Land Administrative System

1.3.3 Provide study and training in Surveying, Mapping and Land Management

- Programs for Department Officers
- Continuous Professional Development Programs (CPD-Programmes) for Registered Licensed Surveyors (RLSs)
- Survey Camp Programmes for Undergraduate & Technical College Students

- Programmes for NVQ Certification for students enrolled in NITA courses
- Programmes for students enrolled in courses conducted by of Sri Lanka
- Programme for students, and professionals enrolled in Master Degree Programme in GIS conducted by Universities in Sri Lanka
- Programs for Technical Officers from Outside Departments
- Programmes for handling GNSS instruments in surveying
- Programmes on Chain Survey Techniques for School Teachers
- Programmes for the Sri Lanka Administration Service Cadets (SLAS Cadets)

1.3.4 Bimsaviya

- Cadastral Surveys for Title Registration
- Cadastral Survey for other statutory requirements
- Subsequent Surveys (subdivision, amalgamation & others)
- Solving Problems rising after Bimsaviya Surveys
- Digitizing Hard copy Cadastral Plans prepared at the initial stage of the Bimsaviya Programme

2.0 Approved and Existing Carder

Service Level	Approved Cadre	Existing Cadre
Senior	1144	834
Tertiary	82	26
Secondary	1372	1044
Primary	4890	3076
Total	7488	4980

3.0 Citizen Charter

3.1 Services provided for Citizens

- Provision of Digital & Printed maps
- Issuing copies of Survey Plans
- Investigations of public complaints on Surveys
- Providing Coordinates & Heights
- Subdivision / Amalgamation of lands surveyed under the Bim Saviya
- Issue of Authorized Draughtsman Certificate
- Facilities available in the Survey Department web site(www.survey.gov.lk)
- Issuing public tracings from existing plans

3.1.1 Provision of Digital and Printed Maps

The department produces and distributes digital and printed maps through various methods, including aerial photographs, satellite images, and LiDAR data. Maps are available in GIS, CAD, and digital JPEG formats. Litho-printed topographic and thematic maps are also available for purchase.

Provision of Digital & Printed maps

Office / Branch	Services	Time		
		Minutes	Hours	Working Days
Customer Sales Centre, SGO & Map sale units in all District Survey Offices & Institute of Surveying and Mapping **	a.) <u>Litho-printed maps</u> (i) Educational maps (ii) Road maps (Travelers Map) (iii) Base & Administrative maps (iv) One inch sheets and others (v) Tourist maps (vi) Topographical maps (1:50,000 & 1:250,000) (vii) Town Maps (viii) Atlas (National, School & Town) (ix) Historical Maps (x) Maps of National Parks	On sale		

Customer Sales Centre, SGO **	b.) <u>Digital Data</u> (i). 1:50,000 / 1:10,000/ 1:5,000/ 1:2,000 / 1:1,000 Topographic data (ii). Town Maps (iii). LiDAR (DEM, DSM, Point cloud & Rapid Ortho photos) (iv). Raster DEM (v). Scanned Aerial Photographs (vi). Colour Aerial photographs (vii). Scanned Topographic Maps (viii). Land Parcel Data			1 - 3
Customer Sales Centre, SGO	c.) <u>Customer request maps</u> (i). Litho Printed (ii). Flex Printed (iii). Computer Printed (iv). Digital Maps.			45* 5* 5* 3*

* Duration may vary depending on the work load in hand.

** Details of above Maps are published in the Survey Department Map Catalogue available in online (https://www.survey.gov.lk/sdweb/pdf/other_pdf/map_catelog.pdf) and in Printed Format.

Note:

Facility available to deliver above product to custom's doorstep through a courier service.

For more information, please contact +94112369015, Email: sd-csc@survey.gov.lk

3.1.2 Issuing copies of Survey Plans

Copies of Plans & Tenementary List (TL) of lands surveyed by the Survey Department can be purchased in following formats.

- (a) As an extract of Lots / Parcels
- (b) As a certified true copies of a relevant statutory plan
- (c) As a certified true copies of Tenementary List (TL)
- (d) As a Scanned Image of a relevant statutory Plan /Tenementary List in the format of ".jpeg"
- (e) As a raster image of Georeferenced Field Sheets in "Geo-tiff" format

If the Location information (village, Divisional Secretariat, GN Division, Korale, Pattu, etc., and old deeds, titles, plans, etc.) of the land is provided, copies of Plans & TL could be delivered for customers without delay.

Copies of Registered Licensed surveyor's plans are not issued by the Survey Department whereas such plans could be obtained from relevant Registered Licensed Surveyors themselves. Contact information of Registered Licensed Surveyors could be obtained from [Land Survey Council web site \(www.landsurveyscouncil.org\)](http://www.landsurveyscouncil.org).

Issuing copies of Survey Plans

Office / Branch	Services	Time		
		Minutes	Hours	Working Days
All District Survey Offices	<u>Obtaining copies of Survey Plans and Tenement Lists</u>			
	a) Extracts of Lots / Parcels			
	(i) Plans available in digital format			1*
	(ii) Plans available only in hard copy			3*
Customer Sales Centre, SGO and All District Survey Offices	(i) A certified true copy of a relevant statutory Plans.		1	
	(ii) A certified true copies of a relevant Tenementary List (TL).		1	
	(iii) A Scanned image of a relevant statutory Plan /Tenementary List in “.jpeg” format.		1	
	(iv) Raster images of Georeferenced Filed sheets in “.geo-tiff” format		1	
Customer Sales Centre, SGO	(i). A certified true copy of 16 chRD		1	

* Duration may vary according to amount of work to be complete

3.3 Providing Coordinates & Mean Sea Level Heights

Geodetic Coordinates and /or National Grid Coordinates and heights on Mean Sea Level (MSL) including relevant conversion parameters will be issued by the Geodetic Branch, Surveyor General's office, Colombo and all District Survey Offices.

**Deputy Surveyor General
(Geodetic),
Geodetic Branch,
Survey Department of Sri Lanka
No: 150,
Bernard Zoysa Road(Kirula Road),
Narahenpita,
Colombo-05
Tel: - 011-2055971
Email: dsggeodetic@survey.gov.lk**

Providing Coordinates & Heights

Office / Branch	Services	Time		
		Minutes	Hours	Working Days
Geodetic Branch, SGO & *All District Survey Offices	Issue			
	a.) Bench Mark Information		1	
	b.) Coordinates of Triangulation points and route sketches.	30		
	c.) Coordinates of GNSS control points and Location sketches.		1	
	d.) SLCORSnet services.			
	I. SLCORSnet Real time services		1	
	II. SSRPOST		1	
	III. GNWEB online		1	
	e.) Establishment of Bench Marks on request of state institution			**14
	f.) Establishment of GNSS control points on request of state institution			**14

* Coordinates of GNSS control points & Mean Sea Level heights of Bench Marks within a certain district can be obtained from relevant District Survey Office.

** Duration may vary according to amount of work to be complete and accuracy levels.

3.4 Issue of Authorized Draughtsman Certificate

An authorized draughtsman is eligible to practice under a Registered Licensed Surveyor. Examination for issue of certificate for Authorized draughtsman is conducted annually. Applications are called by a Gazette notification published in April and examinations are conducted in months of June and August.

Office / Branch	Kind of Service	Time		
		Minutes	Hours	Working Days
Examination Branch, SGO	<u>Issue of Authorized Draughtsman Certificates</u>			
	a.) Call in Applications			45
	b.) Conducting exam Part – I*			01
	Part – II			02
	c.) Issue of Certificates (according to request)			05

* Only those who have passed Part I of the relevant examination will be called for Part II and both parts to be passed in same year to be qualified for the certificate.

3.5 Facilities available in the Survey Department web site (www.survey.gov.lk)

Services	Facilities
Intergrated Land Administration System (iLAS) https://sdsl.maps.arcgis.com/apps/webappviewer/index.html?id=79c9f3aaecae47539e001555a4501869	This application is providing an integrated land administration and it allows users to visualize, query, and analyze spatial data
MetaData Services https://it.survey.gov.lk/metadata2023/app/view/home.php	Providing data about data of the following <ul style="list-style-type: none"> • Topo Data 50K • LiDAR Data • Aerial Photograph Information
Investor's Guide for Reserves https://it.survey.gov.lk/nsdi/lis/index_igr.php	Providing facility to find out whether the land which expects to invest is situated in a government reservation forest, archaeological conservation place, reservoir, coastal conservation zone.
GN Boundary Services https://services.survey.gov.lk/gn Updating/	Providing information on Administrative Boundaries.
Geographical names web services https://www.geonames.gov.lk/	Providing standard geographical names for accurate and efficient administration and communication for modern society.

Control Points https://www.survey.gov.lk/sdweb/page_control.php	Search facility on retrieving coordinates and MSL heights up to nearest meter by point Number or location.
Geographical names web services https://www.geonames.gov.lk	Providing standard geographical names for accurate and efficient administration and communication for modern society
Land Grant Survey Information https://it.survey.gov.lk/srims/dashboard.php	Providing facility to tracking the progress of land grant surveys
SLCORSnet http://www.slcorsnet.survey.gov.lk/	Providing Continuously Operating Reference System facility for Real Time Kinematic Surveys
Application for Surveyor General's Plan Copies https://it.survey.gov.lk/SG_PlanCopy/	Providing online facility to request plan copies from Survey Department
Sinhala Romanization Translation https://www.survey.gov.lk/RomanizationConverter/	Transliteration to represent written text of sinhalese geonames in Roman script and vice versa based on the international standards.
Requisition's location searcher https://it.survey.gov.lk/srims/req_point.php	Providing facility to view all requests made to the Survey Department, including the current status of each request, as well as the date when each stage of the request was completed or updated.
Document management system http://222.165.190.8:7778/eipSurvey/oauth2/LocalActiveDirectorylogin	This system is designed to archive Survey plans, maps, and related documents and facilitate search capability of archived materials to stake holders, using efficient and effective Electronic Document Management System.
Geospatial data service (GSDS) https://it.survey.gov.lk/gsd/index.html	The Geo-Spatial Data Service provides access to and management of geospatial data, enabling users to visualize and interact with geospatial information.

4. Executive Summary

Main targets of the Survey Department planned to achieve in the year 2025 are mentioned below.

- i. Survey of 47,600 allotments under Land Development Ordinance & State Land Ordinance, 10,560 Lots under land Acquisition Act, 880Ha of Engineering Surveys, 878 Court Commissions and 93,330 Lots under Land Title registration Act are targeted to complete in 2025
- ii. Preparation of 24 maps in 1: 50,000 scale, 108 maps in 1:10,000 scale, 22 Thematic Maps
- iii. Updating & web Publish of 180,000 new cadastral allotments in the LIS
- iv. Creation of Graphic cadaster of 200,000 new land parcels
- v. Creating 1:10K scale seamless Topographical data bases for 192 sheets
- vi. Updating 36 sheets of 1:50K seamless database.
- vii. Establishing new 6000 Ground Control Points for horizontal control network
- viii. Establishing of level lines for 690Km
- ix. Conducting 100 Training programs both (ISMD)Institute of Surveying & Mapping and Surveyor General's office (SGO).

Action Plan – 2025

Ministry : Ministry of Agriculture, Livestock, Lands and Irrigation

Department/Division : Survey Department

Vote : 288-1-1

Program/ Project/ Activities	Location: District/DS	Target number of beneficiaries	Total estimated Cost (Rs. Mn.)	Expected expenditure in 2025	Indicator (KPI)	Quarterly Physical Targets				Quarterly Financial Targets (Rs. Mn.)				Cumulative Targets for 2025		Out come	Economic and social impacts	SD Goals and Targets	Remarks
						Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Physical Target (in figures)	Financial Target (Rs. Mn.)				
1.0 Completion of National Mapping Requirements	Surveyor General Office		545	545															
1.1 Topographical map production and updating																			
1.1.1 Maps in 1: 50,000 scale		1 TM= 0.5 Maps			Maps	6	6	6	6	Cannot be divided item wise as interrelated together				24	Cannot be divided item wise as interrela ted together	Complete d maps	Can be provide d Hard/ Soft data as requeste d. .	2.4, 3.2, 3.3, 3.4, 6.6, 11.2, 11.5	

Program/ Project/ Activities	Location: District/DS	Target number of beneficiaries	Total estimated Cost (Rs. Mn.)	Expected expenditure in 2025	Indicator (KPI)	Quarterly Physical Targets				Quarterly Financial Targets (Rs. Mn.)				Cumulative Targets for 2025		Out come	Economic and social impacts	SD Goals and Targets	Remarks
						Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Physical Target (in figures)	Financia l Target (Rs. Mn.)				
1.1.2 Maps in 1:10,000 scale		1 TM= 4 Maps			No of req uest	27	27	27	27	Cannot be divided item wise as interrelated together				108	Cannot be divided item wise as interrela ted together	Com plete d maps	Can be provide d Hard/ Soft data as requeste d. .	2.4, 3.2, 3.3, 3.4, 6.6, 11.2, 11.5	
1.2 Thematic Maps																			
1.2.1 Preparation of Thematic Maps		1 TM= 0.25 Maps			No of req uest	5	6	5	6	Cannot be divided item wise as interrelated together				22	Cannot be divided item wise as interrela ted together	Com plete d maps	Can be provide d Hard/ Soft data on request.	2.4, 3.2, 3.3, 3.4, 6.6, 11.2, 11.5	

Program/ Project/ Activities	Location: District/DS	Target number of beneficiaries	Total estimated Cost (Rs. Mn.)	Expected expenditure in 2025	Indicator (KPI)	Quarterly Physical Targets				Quarterly Financial Targets (Rs. Mn.)				Cumulative Targets for 2025		Out come	Economic and social impacts	SD Goals and Targets	Remarks
						Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Physical Target (in figures)	Financia l Target (Rs. Mn.)				
1.3 Services on customer request																			
1.3.1 Issuing Digital Maps		1 TM = 5 Maps			Ma ps	30	30	30	30	Cannot be divided item wise as interrelated together				120	Cannot be divided item wise as interrela ted together	Com plete d maps	Can be provide d hard/sof t data on request.	2.4, 3.2, 3.3, 3.4, 6.6, 11.2, 11.5	
1.3.2 Issuing customized maps(Paper/Flex)		1 TM = 5 Maps				60	60	60	60					240					
1.3.3 Issue plan copies		On reque st			Plan copi es	500	500	500	500					2,000		Plan copie s	Full filling request of public.	1.4, 2.3, 2.4	

Program/ Project/ Activities	Location: District/DS	Target number of beneficiaries	Total estimated Cost (Rs. Mn.)	Expected expenditure in 2025	Indicator (KPI)	Quarterly Physical Targets				Quarterly Financial Targets (Rs. Mn.)				Cumulative Targets for 2025		Out come	Economic and social impacts	SD Goals and Targets	Remarks
						Q1	Q2	Q3	Q4	Q 1	Q2	Q3	Q4	Physical Target (in figures)	Financial Target (Rs. Mn.)				
1.4 Providing an Efficient services on land information, topography and geographical information																			
1.4.1 Maintaining LIS cadaster & Web Publishing		180000			Lots	45000	45000	45000	45000	Cannot be divided item wise as interrelated together				180,000	Cannot be divided item wise as interrela ted together	Data bank	Providin g soft data on request.	2.4, 3.2, 3.3, 3.4, 6.6, 11.2, 11.5	
1.4.2 Creation of Graphic cadaster database(Preparati on Of Land Bank)		100000			Lots	25000	25000	25000	25000					100,000					
1.4.3 Updating 1:10K scale Topographical data bases		I TM = 2 Sheets			Sheets	24	24	24	24					96					

Program/ Project/ Activities	Location: District/DS	Target number of beneficiaries	Total estimated Cost (Rs. Mn.)	Expected expenditure in 2025	Indicator (KPI)	Quarterly Physical Targets				Quarterly Financial Targets (Rs. Mn.)				Cumulative Targets for 2025		Out come	Economic and social impacts	SD Goals and Targets	Remarks
						Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Physical Target (in figures)	Financial Target (Rs. Mn.)				
1.4.4 Updating 1:50K scale Topographical data bases		I TM = 0.5 Map Sheet s			She ets	4	4	5	5	Cannot be divided item wise as interrelated together				18	Cannot be divided item wise as interrela ted together	Data bank	Providin g soft data on request.	2.4, 3.2, 3.3, 3.4, 6.6, 11.2, 11.5	
1.4.5 Providing online Meta Data service on Spatial Data					No of Ser vice s	0	1	0	1					2					
1.4.6 Scanning Film positive & Aerial photos positive/negative on request					Aer ial Pho tos	1000	1000	1000	1000					4000		Aeria l Phot os	Can be obtain need informat ion	4.7, 11.2, 14.1	

Program/ Project/ Activities	Location: District/DS	Target number of beneficiaries	Total estimated Cost (Rs. Mn.)	Expected expenditure in 2025	Indicator (KPI)	Quarterly Physical Targets				Quarterly Financial Targets (Rs. Mn.)				Cumulative Targets for 2025		Out come	Economic and social impacts	SD Goals and Targets	Remarks
						Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Physical Target (in figures)	Financial Target (Rs. Mn.)				
1.5 Establish and maintain an updated geographical name database (Geo Names)																			
1.5.1 Standardization of existing, geonames Database according to public views		1 TM = 50 Geo Name s			Geo nam es	150	150	150	150	Cannot be divided item wise as interrelated together				600	Cannot be divided item wise as interrela ted together	Stand ardiz ed data colle ction	Providin g informat ion on request Langua ge	2.4, 3.2, 3.3, 3.4, 6.6, 11.2, 11.5	
1.5.2 Updating the Hydro, Toponymy and Road layer of standardized geographical names database		1 TM = 80 GND			GN Divi sion	720	720	720	720					2880					

Program/ Project/ Activities	Location: District/DS	Target number of beneficiaries	Total estimated Cost (Rs. Mn.)	Expected expenditure in 2025	Indicator (KPI)	Quarterly Physical Targets				Quarterly Financial Targets (Rs. Mn.)				Cumulative Targets for 2025		Out come	Economic and social impacts	SD Goals and Targets	Remarks
						Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Physical Target (in figures)	Financial Target (in figures)				
1.5.3 Maintaining geographical names in Romanized manuscripts other than official languages /Tamil Romanization		1 TM = 50 Words			No. of Romaniz ed Geo Names	150	150	150	150	Cannot be divided item wise as interrelated together				600	Cannot be divided item wise as interrela ted together	Stand ardiz ed data colle ction	Providin g informat ion on request Langua ge	2.4, 3.2, 3.3, 3.4, 6.6, 11.2, 11.5	
1.5.4. Geo names Update Sinhala, English, Tamil Column		1 TM = 3000 Geo Names			Geo names	9000	9000	9000	9000					36,000	Cannot be divided item wise as interrela ted together	Solut ions	Reducin g the land issues	2.1, 2.3, 2.4, 4.7	
1.6 Public complains																			

Program/ Project/ Activities	Location: District/DS	Target number of beneficiaries	Total estimated Cost (Rs. Mn.)	Expected expenditure in 2025	Indicator (KPI)	Quarterly Physical Targets				Quarterly Financial Targets (Rs. Mn.)				Cumulative Targets for 2025		Out come	Economic and social impacts	SD Goals and Targets	Remarks
						Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Physical Target (in figures)	Financial Target (Rs. Mn.)				
1.6.1 Public complains					Co mpl ains	25	25	25	25	Cannot be divided item wise as interrelated together				100	Cannot be divided item wise as interrela ted together	Solut ions	Reducin g the land issues	2.1, 2.3, 2.4, 4.7	
1.7 Conducting Departmental Examinations																			
1.7 .1 Conducting exams for Recruitments & EBs		Surve y / Exam Dep.			Exa ms	19	27	20	31	Cannot be divided item wise as interrelated together				97	Cannot be divided item wise as interrela ted together	Quali fied gover nmen t Serva nts	Increasi ng Knowle dge full society	4.4, 4.5, 4.B	

Action Plan – 2025

Ministry : Ministry of Agriculture, Livestock, Lands and Irrigation

Department/Division : Survey Department

Vote : 288-2-2

Program/ Project/ Activities	Location: District/DS	Target number of beneficiaries	Total estimated Cost (Rs. Mn.)	Expected expenditure in 2025	Indicator (KPI)	Quarterly Physical Targets				Quarterly Financial Targets (Rs. Mn.)				Cumulative Targets for 2025		Out come	Economic and social impacts	SD Goals and Targets	Remarks
						Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Physi cal Target (in figure s)	Financial Target (Rs. Mn.)				
2.0 Completion of National Surveying Requirements			5133	5133															
2.1 Statutory surveys for land alienation																			
2.1.1 Surveying of lands for issuing grants under L.D.O. act & Land Grant Special Provision act.	Island wide	30,940			Allot- ments	7,575	7,788	7,788	7,789	Cannot be divided quarterly as all interrelated together				30,940	Cannot be divided item wise as interrelat ed together	Numeri c data for iLAS and Plan for issuing grants	Owner ship of lands	1.4, 2.3, 10.A, 14.1	

Program/ Project/ Activities	Location: District/DS	Target number of beneficiaries	Total estimated Cost (Rs. Mn.)	Expected expenditure in 2025	Indicator (KPI)	Quarterly Physical Targets				Quarterly Financial Targets (Rs. Mn.)				Cumulative Targets for 2025		Out come	Economic and social impacts	SD Goals and Targets	Remarks
						Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Physi cal Target (in figure s)	Financial Target (Rs. Mn.)				
2.1.2 Surveying state lands under the State Land Ordinance	Island wide	16,320			Allot- ments	4,100	4,073	4,073	4,074	Cannot be divided quarterly as all interrelated together				16,320	Cannot be divided item wise as interrelat ed together	Numeri c data for iLAS and Plan for issuing grants	Owne rship of lands	1.4, 2.3, 10.A, 14.1	
2.2 Surveying of lands under the Land Acquit ions Act.																			
2.2.1 Surveying under Section 2 of Land Acquit ions Act	Island wide	5,100			Lots	1,450	1,216	1,217	1,217	Cannot be divided quarterly as all interrelated together				5,100	Cannot be divided item wise as all interrelat ed together	Advanc ed tracing for acquisit ion	Info rmat ion abo ut acqu ired land	1.4, 2.4, 6.6, 11.2, 11.5	

Program/ Project/ Activities	Location: District/DS	Target number of beneficiaries	Total estimated Cost (Rs. Mn.)	Expected expenditure in 2025	Indicator (KPI)	Quarterly Physical Targets				Quarterly Financial Targets (Rs. Mn.)				Cumulative Targets for 2025		Out come	Economic and social impacts	SD Goals and Targets	Remarks
						Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Physical Target (in figures)	Financial Target (Rs. Mn.)				
2.2.2 Surveying under Section 6 and Section 38A of Land Acquisitions Act		5,460			Lots	1,565	1,298	1,298	1,299					5,460		Plan to pay compensation	Easy payment of compensation of the acquired land	1.4, 2.4, 3.6, 6.6, 7.B, 11.2, 11.5	
2.3 Other Surveys (Non Statutory)																			
2.3.1 Engineering Surveys	Island wide	880			Hectares	240	213	213	214	Cannot be divided quarterly as all interrelated together				880	Cannot be divided item wise as all interrelated together	Tracing for develop projects	Assisting development projects.	2.4, 6.6, 10.6, 11.2, 14.1	

Program/ Project/ Activities	Location: District/DS	Target number of beneficiaries	Total estimated Cost (Rs. Mn.)	Expected expenditure in 2025	Indicator (KPI)	Quarterly Physical Targets				Quarterly Financial Targets (Rs. Mn.)				Cumulative Targets for 2025		Out come	Economic and social impacts	SD Goals and Targets	Remarks
						Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Physi cal Target (in figure s)	Financial Target (Rs. Mn.)				
2.3.2 Miscellaneous Surveys - Preparation of Tracings & Reports	Island wide	22,380			Lots	5,595	5,595	5,595	5,595	Cannot be divided quarterly as all interrelated together				22,380	Cannot be divided item wise as all interrelat ed together	Tracing for decision making	Recei ved infor matio n for decisi on maki ng	2.3, 2.4, 3.6, 3.7, 3.8, 3.9	
2.4 Court Commission Surveys																			
2.4.1 Preparation of Tracings & Reports for Court Commissions.	Island wide	878			Com missi ons	193	228	228	229	Cannot be divided quarterly as all interrelated together				878	Cannot be divided item wise as all interrelat ed together	Special tracing for solving land matters in law	Facili ty for solvin g land matte rs in law	2.3, 4.7	

Action Plan - 2025

Ministry : Ministry of Agriculture, Livestock, Lands and Irrigation
Department/Division : Survey Department
Vote : 288-2-3

Program/ Project/ Activities	Location: District/DS	Target number of beneficiaries	Total estimated Cost (Rs. Mn.)	Expected expenditure in 2025	Indicator (KPI)	Quarterly Physical Targets				Quarterly Financial Targets (Rs. Mn.)				Cumulative Targets for 2025		Out come	Economic and social impacts	SD Goals and Targets	Remarks
						Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Physica l Target (in figures)	Financial Target (Rs. Mn.)				
3.0 Provide study and training in Surveying and Mapping	IS M		163	163															
3.1 Programs for Department Officers																			
3.1.1 Four year Surveying degree Programme (BDC)		20			Progr amm es	0.5	0.5	0.5	0.5	Cannot be divided item wise as interrelated together	2	Canno t be divide d item wise as interre lated togeth er	Qualifi ed govern ment servant s	Abilit y to provid e good &'qua lity public servan t	4.4, 4.5, 4.B ,14 A				
3.1.2 Six months Surveying orientation course for apprentice surveyors (OC)		80			Co urs es	0.5	0.5	0	0		1								

Program/ Project/ Activities	Location: District/DS	Target number of beneficiaries	Total estimated Cost (Rs. Mn.)	Expected expenditure in 2025	Indicator (KPI)	Quarterly Physical Targets				Quarterly Financial Targets (Rs. Mn.)				Cumulative Targets for 2025		Out come	Economic and social impacts	SD Goals and Targets	Remarks
						Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Physical Target (in figures)	Financial Target (Rs. Mn.)				
3.1.3 Conducting diploma courses for officers in SLTS		40			Groups	0.25	0.25	0.25	0.25	Cannot be divided item wise as interrelated together				1	Cannot be divided item wise as interre lated together	Qualifi ed govern ment servant	Abilit y to provid ing good &'qua lity public servan t	4.4, 4.5	
3.1.4 Three months Surveying orientation course for graduate trainees (PC)		80			Groups	1	1	0	0					2					
3.1.5 CPDP for SLSS Class i & ii officers (3rd EB)		100			Courses	0	1	1	0					2					
3.1.6 Conducting continuous professional development programs for Snr.SS		60			Courses	0	0	1	1					2					

[illegible]

outsiders																
3.2.1 Conducting Training program for external Institutes - One day		300			Courses	7	8	8	7		30	Cannot be divided item wise as interrelated together	Qualified government servant	Ability to providing good & 'quality servant	4.4, 4.5	
3.2.2 Conducting Training program for external Institutes - One day(Paid)		100			Courses	1	1	1	2	Cannot be divided item wise as interrelated together	5	Cannot be divided item wise as interrelated together	Qualified government servant	Ability to providing good & 'quality servant	4.4, 4.5	
3.2.2 Conducting Training program for external Institutes - Short term training		100			Courses	2	3	2	3		10					
3.2.3 GIS for Beginners		60			Courses	1	1	1	0		3					

Action Plan – 2025

Ministry : Ministry of Agriculture, Livestock, Lands and Irrigation
Department/Division : Survey Department
Vote : 122-2-3-1-2509

Program/ Project/ Activities	Location: District/DS	Target number of beneficiaries	Total estimated Cost (Rs. Mn.)	Expected expenditure in 2025	Indicator (KPI)	Quarterly Physical Targets				Quarterly Financial Targets (Rs. Mn.)				Cumulative Targets for 2025		Out come	Economic and social impacts	SD Goals and Targets	Remarks
						Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Physical Target (in figures)	Financial Target (Rs. Mn.)				
4.0 Bimsaviya			535	535															
4.1 Cadastral Surveys by government surveyors	Island wide	55,800			Lots	18,000	12,600	12,600	12,600					55,800	Cannot be divided item wise as all interrelated together	Numeric data for iLAS and Title certificates	Obtain a reputed title certificate	1.4, 2.3, 2.4	
4.1 Cadastral Surveys for Title Registration by authorized surveys		38,550				-	-	7,710	30,840					38,550					
4.2 Additional Surveys	Island wide	500			Lots	125	125	125	125					500				1.4, 2.3, 2.4	
4.3 Subsequent Surveys		10,000				2,500	2,500	2,500	2,500					10,000				1.4, 2.3, 2.4	
4.4 Solving Bimsaviya survey problems		400			No of Problem files	100	100	100	100					400				1.4, 2.3, 2.4	

Estimated Annual Revenue 2025 - RS. 400 Mn