

### INTRODUCTION

- $\ ^{\diamondsuit}$  Maps and information about maps have very important roles in daily and business life.
- Spatial data have taken much more valuable part in social and economic life.
- ❖ Turkey has taken the important steps through National *Spatial Data Infrastructure (NSDI)*.

# THE PROJECTS THROUGH SPATIAL DATA INFRASTRUCTURE

1- TURKISH NATIONAL SPATIAL DATA INFRASTRUCTURE PROJECT

2- METADATA PORTAL PROJECT

3- CORS-TR PROJECT

(CONTINIOUSLY OPERATING REFERENCE SYSTEM)

## TURKISH NSDI PROJECT



INSPIRE

DIRECTIVE OF THE EUROPEAN
PARLIAMENT AND THE COUNCIL
ESTABLISHING AN
INFRASTRUCTURE FOR SPATIAL
INFORMATION IN THE EUROPEAN
COMMUNITY

### TURKISH NSDI PROJECT





In the concept of The Prime Minister's Office Notice dated as 04.12.2003 and numbered as 2003/48, e-government Transformation Turkey Project Short Term Action Plan had came into force.

### TURKISH NSDI PROJECT

The first step towards establishing NSDI in Turkey was Action47 in the scope of e-transformation Turkey -Short Term Action Plan

### Action 47

Action47 as "Initial Study for Turkish National Geographic Information System (TNGIS)" had been executed by GDLRC with participation of the different institutions, organizations, universities, private sector, municipalities and presented to T.R. Prime Ministry State Planning Organization after application term

### TURKISH NSDI PROJECT

Action36 is second study that is emphasized on core data, technical standards, metadata services, institutional and legal framework.

### TURKISH NSDI PROJECT

### Action75:

Modernization in Public Management (MPM)

"Modernization in Public Management" aims to develop cooperation and interoparability among public institutions, to decrase resorce waste, to increase productivity during work processes, to develop policy and decision processes based on information and communication technology.

Action 75 has projected "Establishing Geographic Information Infrastructure". In the scope of the action, it is aimed to determine the concept of the geographic data and the standards of data exchange and to create portal that provides sharing the geographic information

### TURKISH NSDI PROJECT

### **Until today with TNGIS Project**

The studies under Action47 and Action36 went through Action75.

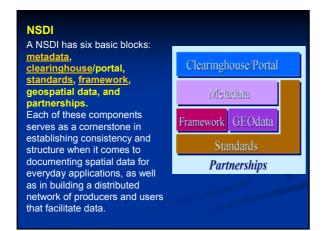
Contact units in each institution, execution committee, technical committee and project execution office have been constituted related to Action75 that is under responsibility of GDLRC.

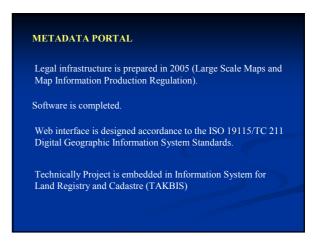
22 meetings were realized by Technical Committee.

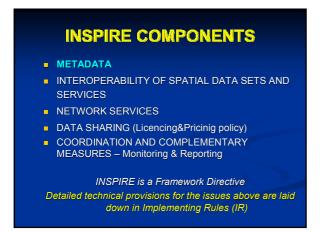
The consulting bid is realized and the consulting act is signed for 18 months by TURKSAT which is the only satellite public company and executes e-government applications.

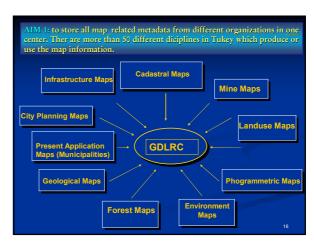




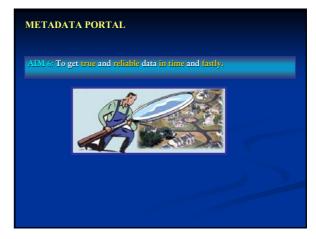






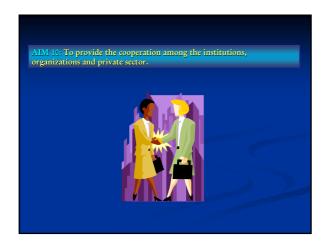






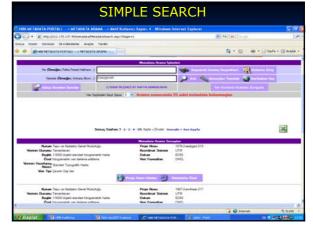


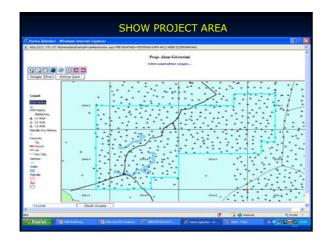


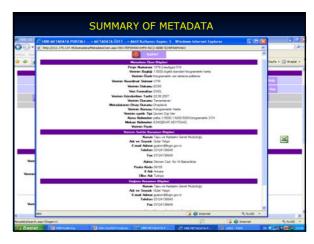






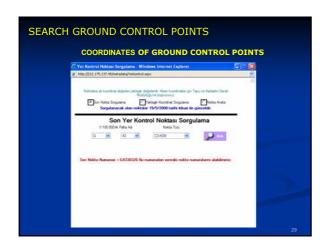


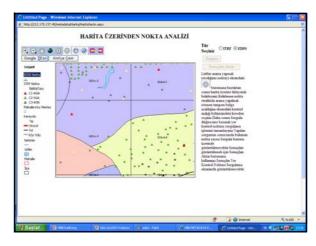




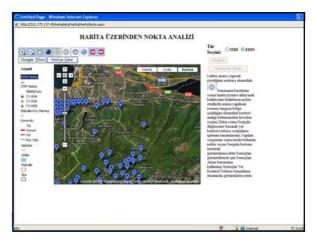


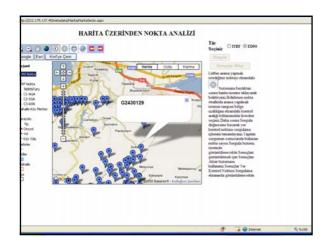


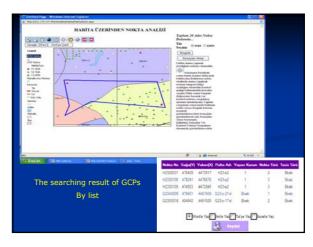


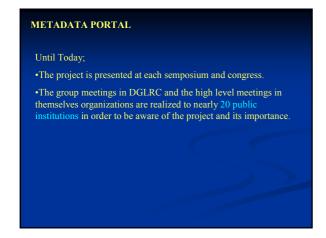






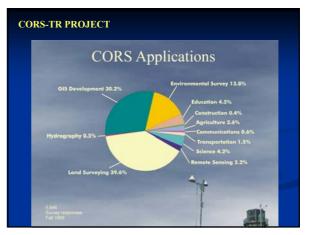












# The Goals of CORS-TR Project The aim is to establish one station in each province in order to provide a system that will cover the whole country, functioning 24 hours/day, and able to provide the capability of accurate position determination, cm-level accuracy in real-time. Stationary GPS stations will be established to serve the whole country, operating with Real-Time Kinematic (RTK) functionality, based on the network concept, and the capability to transform from ED50 datum to ITRF datum will be provided.

