

FIG
2018
ISTANBUL

*Presented at the FIG Congress 2018,
May 6-11, 2018 in Istanbul, Turkey*

EMBRACING OUR SMART WORLD WHERE THE CONTINENTS CONNECT:
ENHANCING THE GEOSPATIAL MATURITY OF SOCIETIES
6-11 May 2018, Istanbul

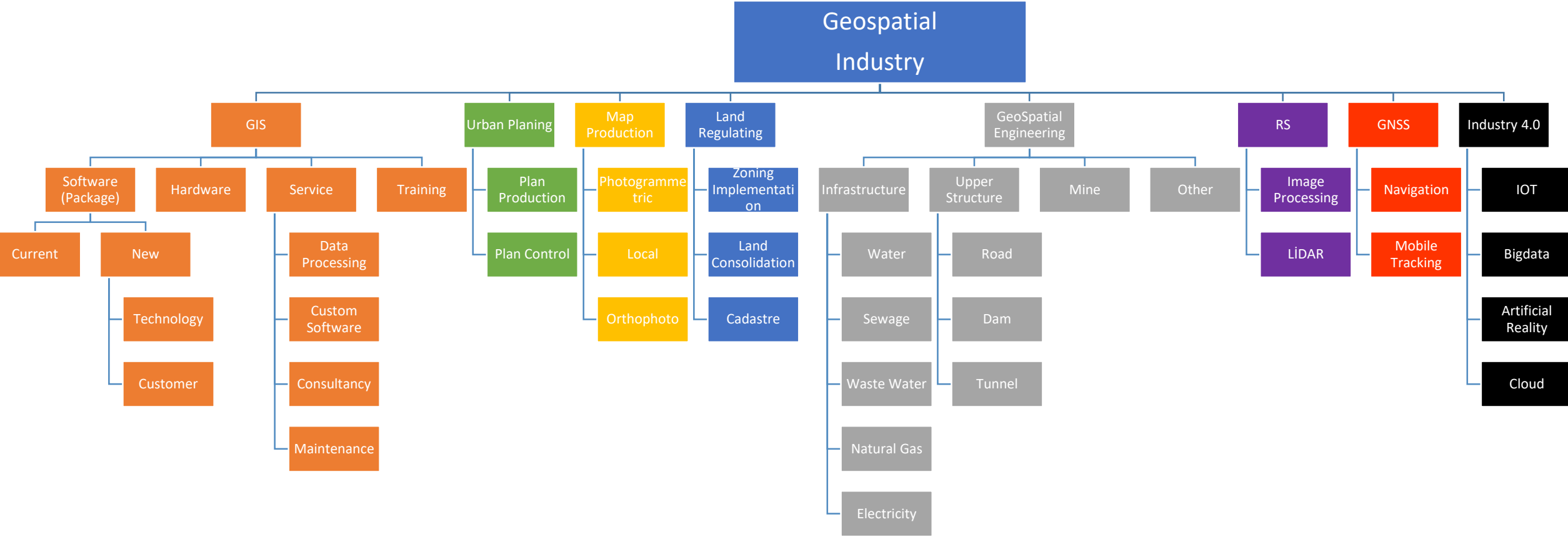


GEOSPATIAL DATA MANAGEMENT FROM LOCAL TO CENTER

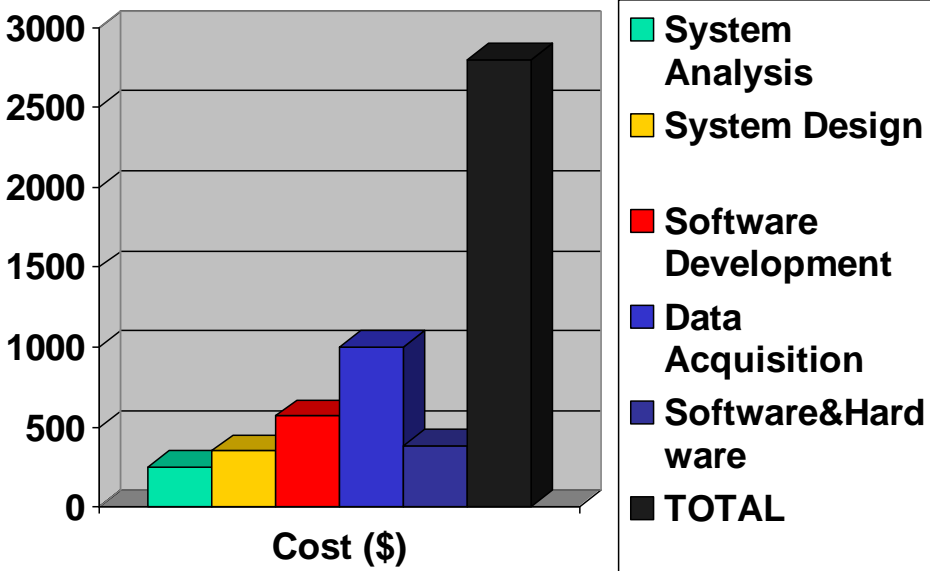
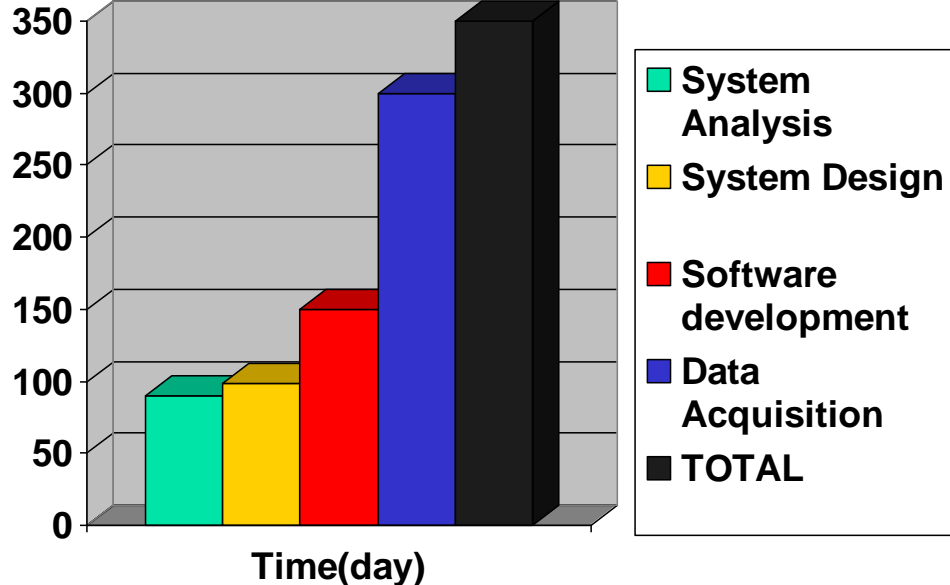
Dr. Emin BANK
Representative Of The NETCAD
emin.bank@netcad.com.tr



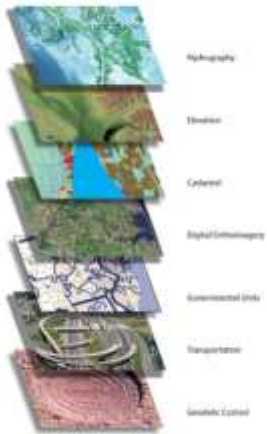
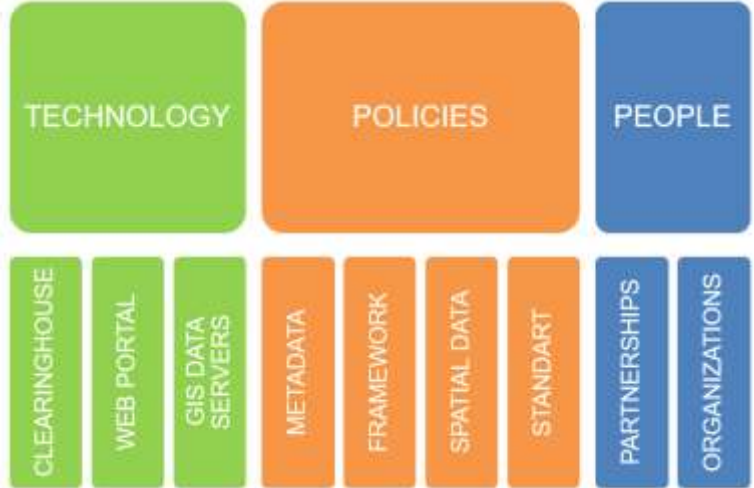
***Because the value of spatial position is getting better day by day,
the geospatial sector has been growing in importance in recent years...***



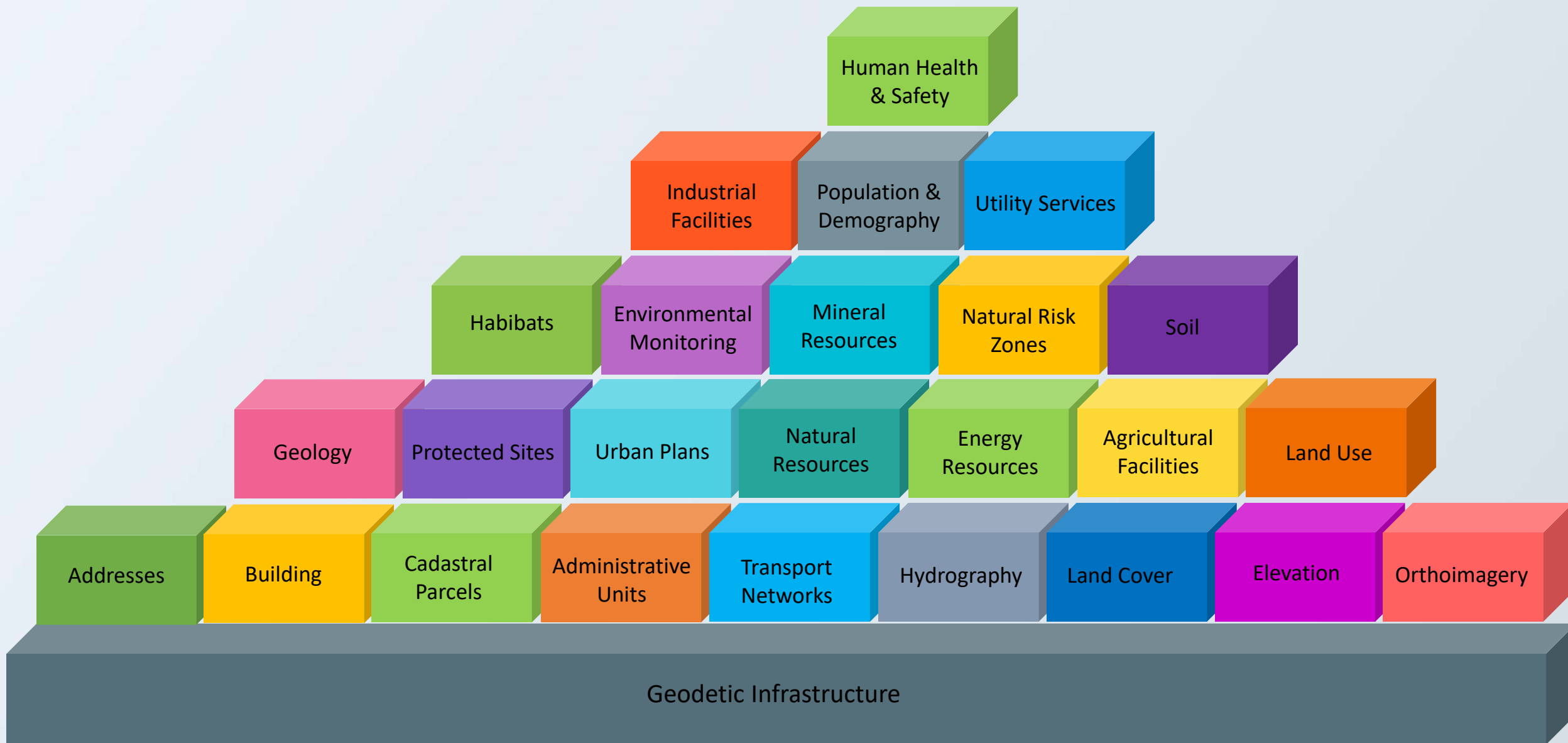
GEOSPATIAL DATA SERVICES IN GIS PROJECTS



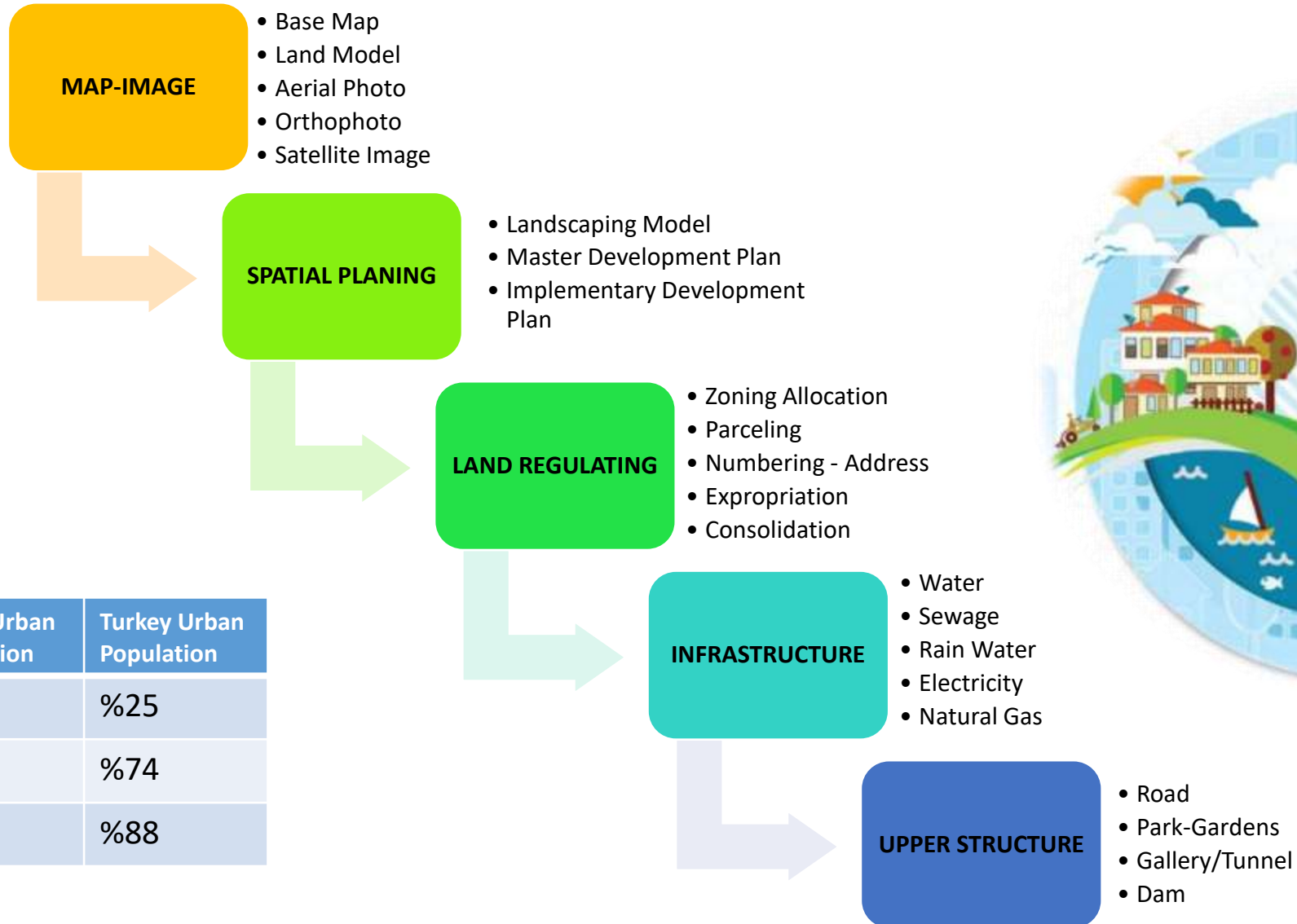
NATIONAL SPATIAL DATA INFRASTRUCTURE



The Spatial Data Infrastructure Of One Country Contains Many Data Sets



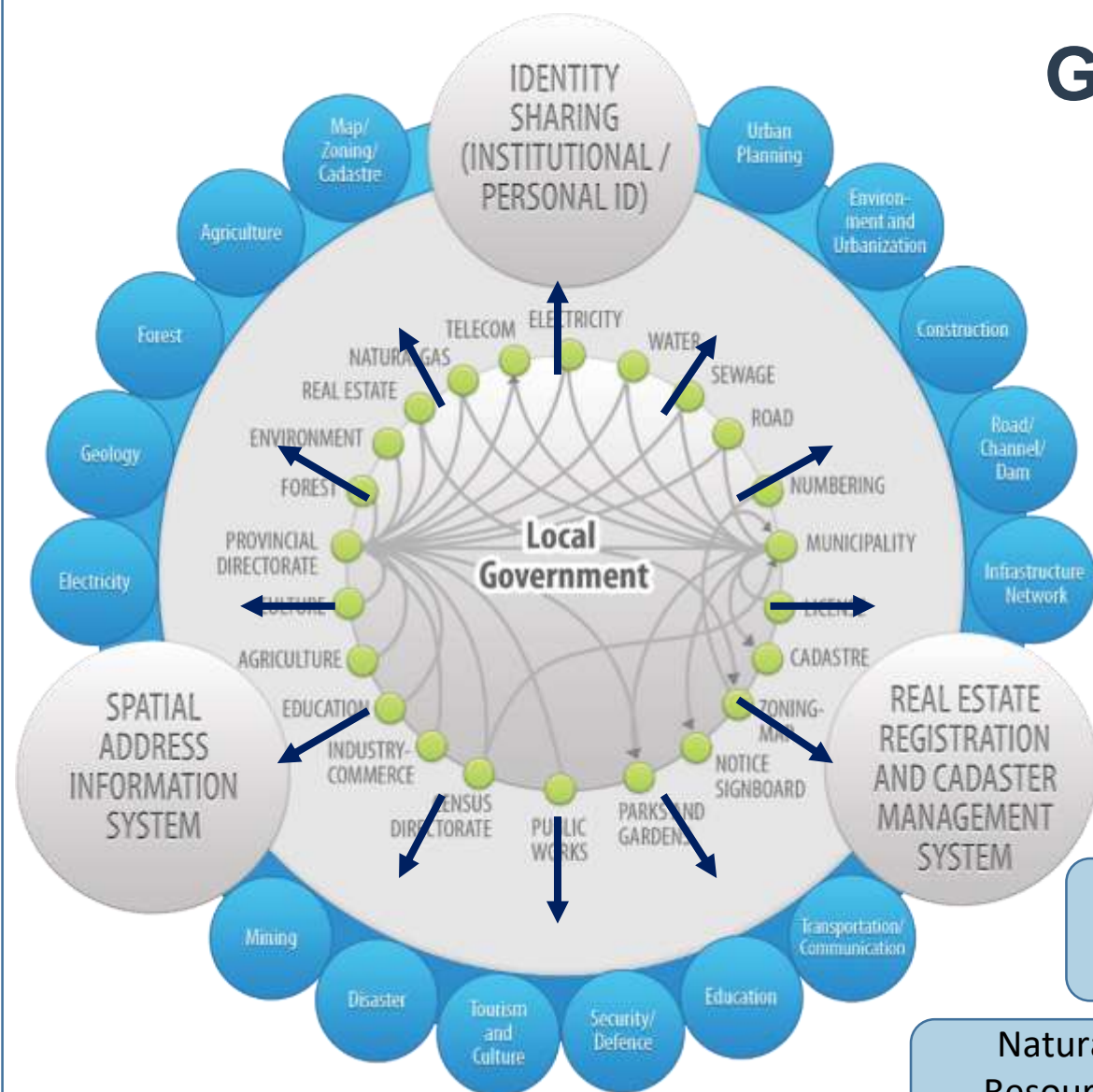
SPATIAL DATA IN THE PROCESS OF TRANSFORMATION FROM RURAL TO URBAN AREAS



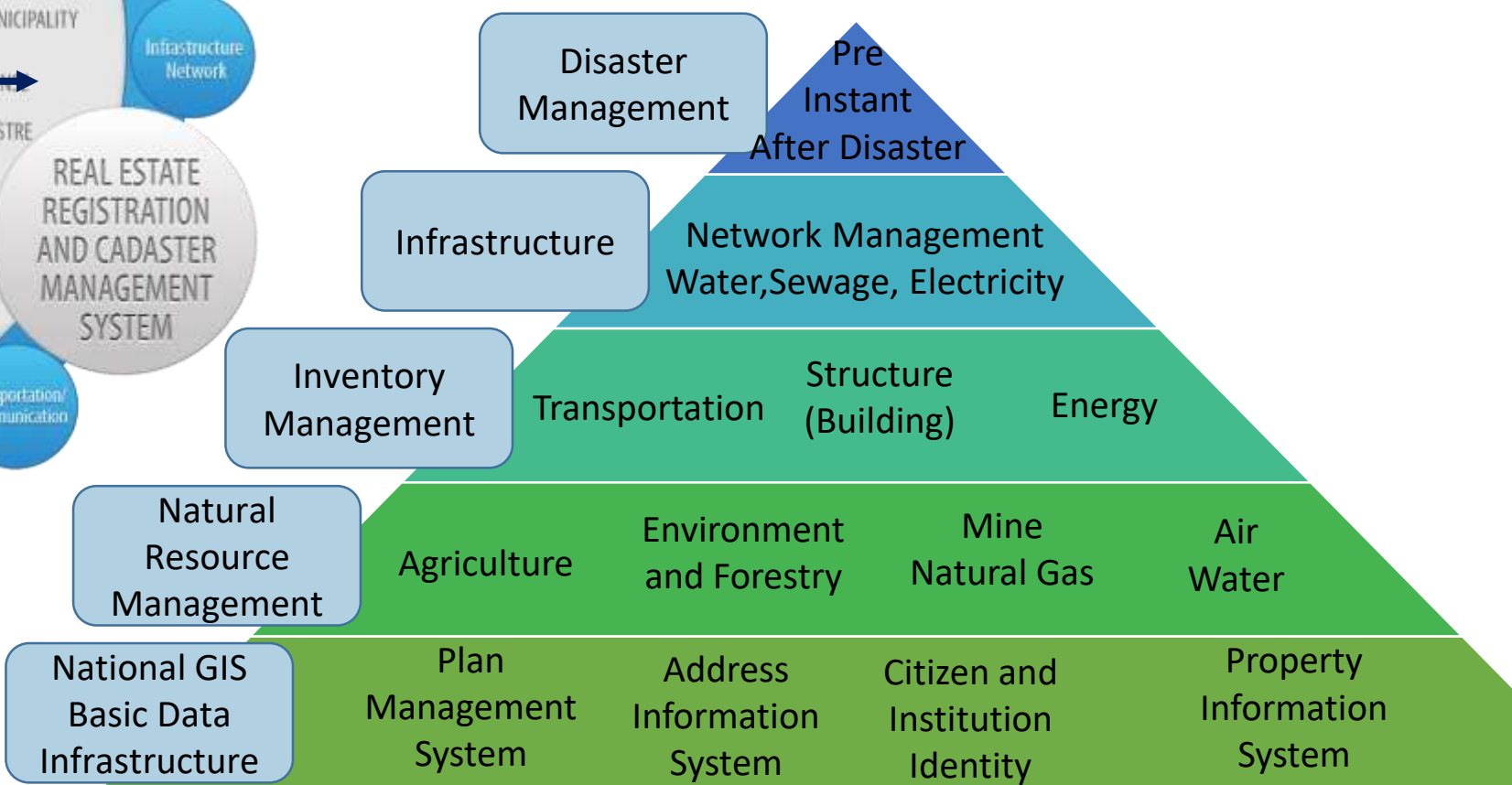
Year	World Urban Population	Turkey Urban Population
1950	%30	%25
2017	%55	%74
2050	%66	%88

GEOSPATIAL DATA FROM LOCAL TO CENTRAL

85% of the spatial data in Turkey is produced with Netcad software.



Geographic Data Occur With Projects
By Local Authorities...
Central Authorities Manages
The Geographical Data in National Level...

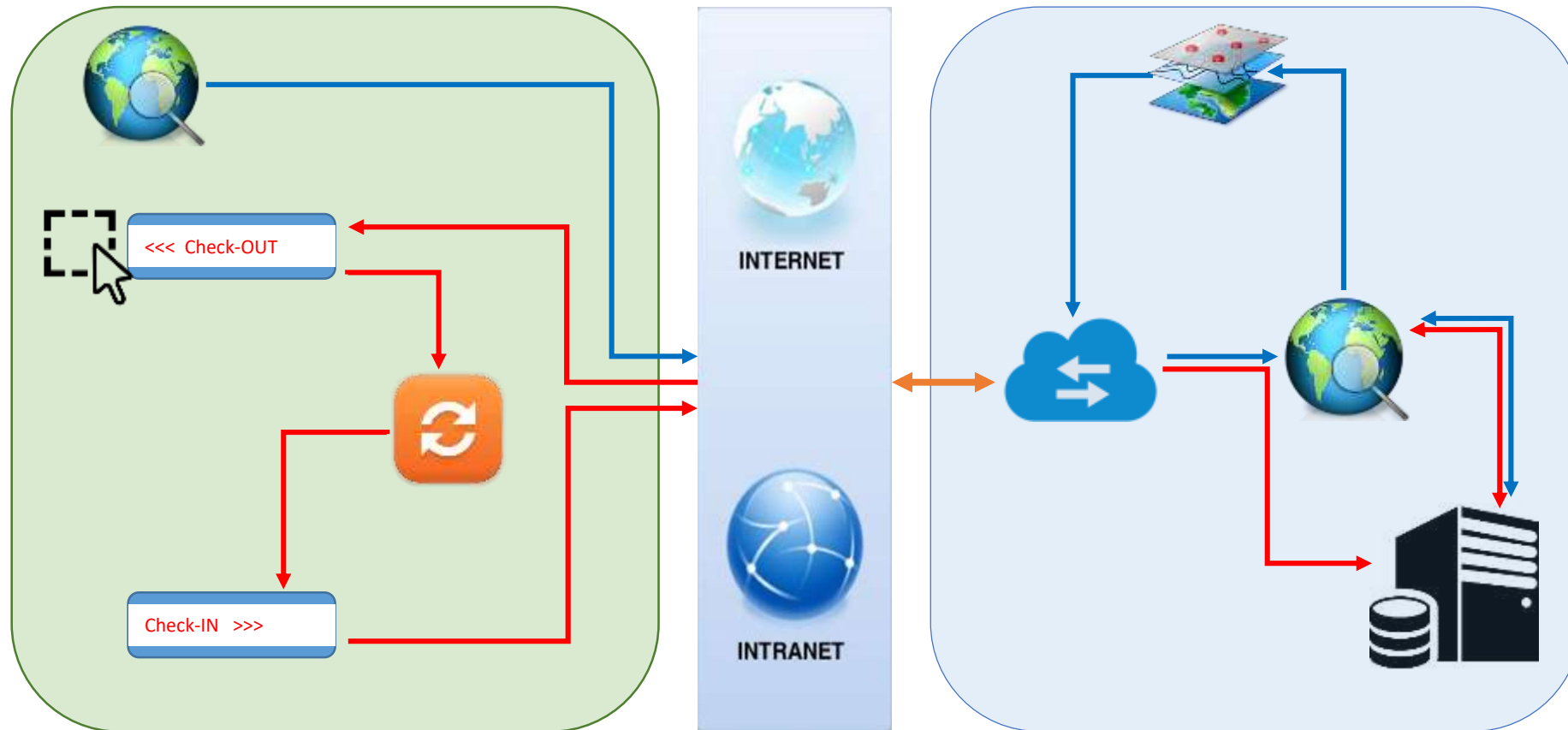




DISTRIBUTED DATA MANAGEMENT SYSTEM

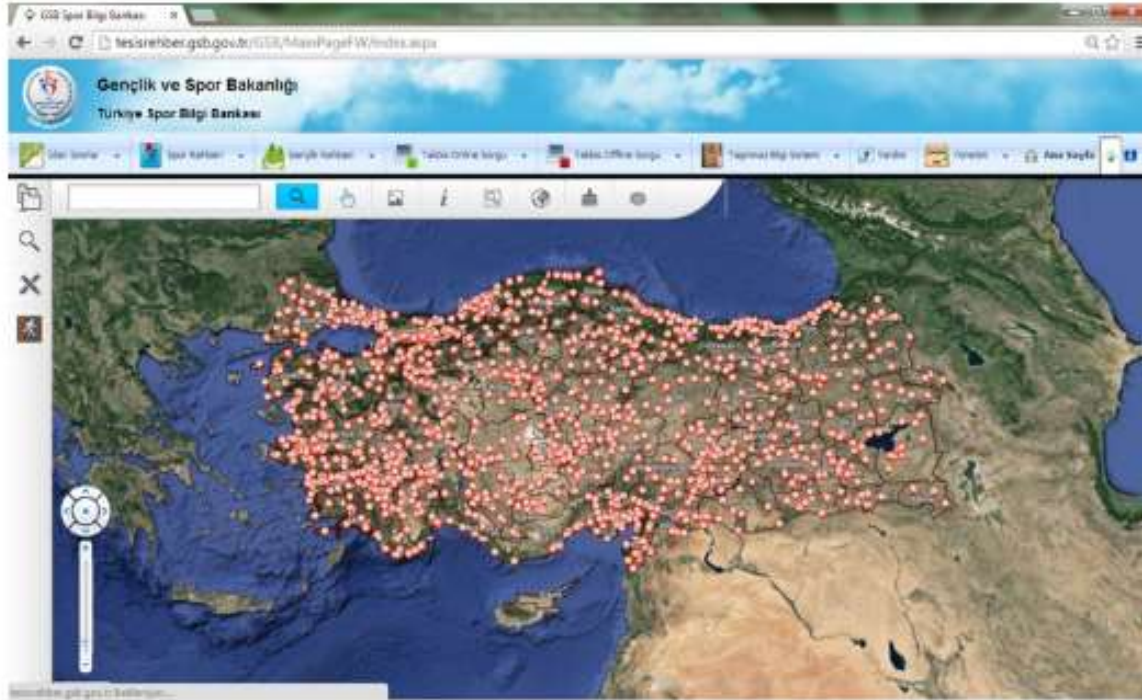
CLIENTS - USERS

CENTER





DATA BANK OF MINISTRY OF SPORT



Institution General Directorate of Sport

User General Directorate and 81
Provincial Directorate
250 Users

Managed
by Netcad Turkey Sport Facilities
Real Property
Youth Centers/Camps
Dorms
Administrative Buildings
...

TOURISM PLAN PORTAL



Institution Directorate General of Investments and Enterprises

User General Directorate
60 Users

Managed by Netcad Turkey wide
- Tourism Region Borders
- Zoning Plans
- Plan Changes
- Land Allocation

PASTURE INFORMATION SYSTEM



Data sets managed by NETCAD software

- ✓ Turkey Pasture Asset
- ✓ Income and Expense Tracking
- ✓ Allocation
- ✓ Occupation
- ✓ Migrant Information
- ✓ Livestock Asset



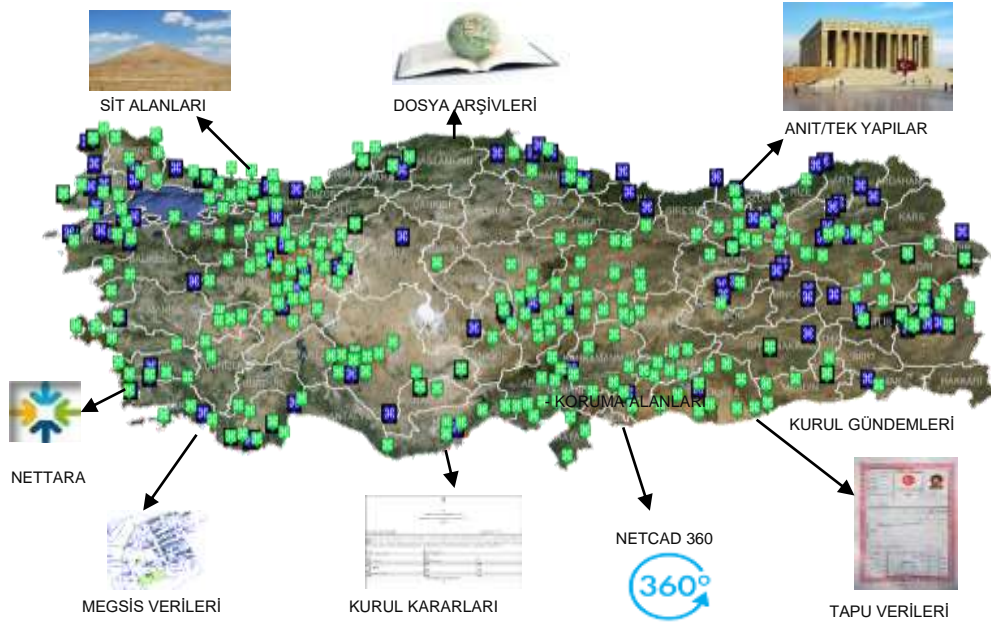
General
Directorate of
Plant Production

All (81)
Provinces

561 Netcad
Users



PROTECTED AREA INVENTORY SYSTEM



Data sets managed by NETCAD software

- ✓ Registered Cultural Property of Turkey
- ✓ Monuments and Unique Structures
- ✓ Protected Areas

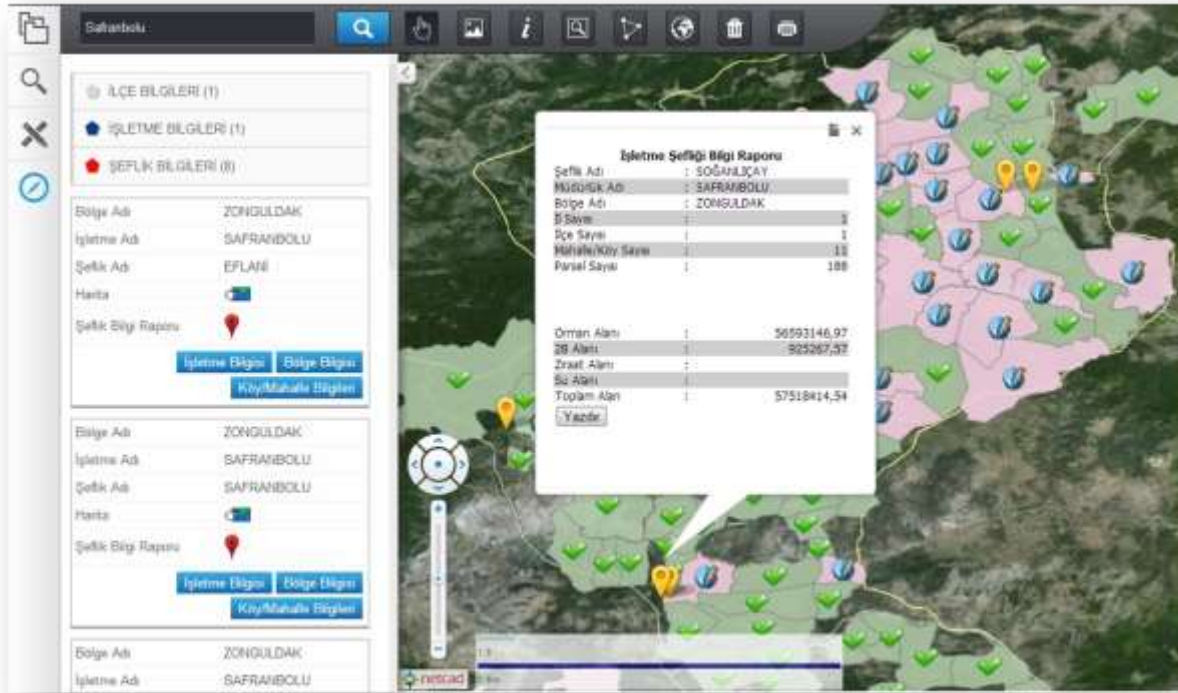
General Directorate of
Cultural Heritage

All (36)
Commissions

250 Netcad Users



FOREST CADASTRE INFORMATION SYSTEM



Data sets managed by NETCAD software

- ✓ Turkey Forest Cadastre
- ✓ Business Programs
- ✓ Land use and land cover in forest areas

General Directorate of
Forestry

All (81) Provinces

370 Netcad Users



BRIEFLY NETCAD

- ❑ Marketshare: **%85**
- ❑ Licence: **+40.000**
- ❑ Users: **+100.000**
- ❑ Staff: **+160**
- ❑ Location:
 - Ankara Headquarters
 - Marmara Region Office





REFERENCES

- ❑ **1000** Public Sector
- ❑ **800** Municipalities
- ❑ **5.700** Private Sector Firms
- ❑ **92** Universities **694** Departments



- ❑ **5.000** Netcad Campus Certificate Each Year
- ❑ Netcad Portal Members: **+ 50.000**



THANK YOU



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