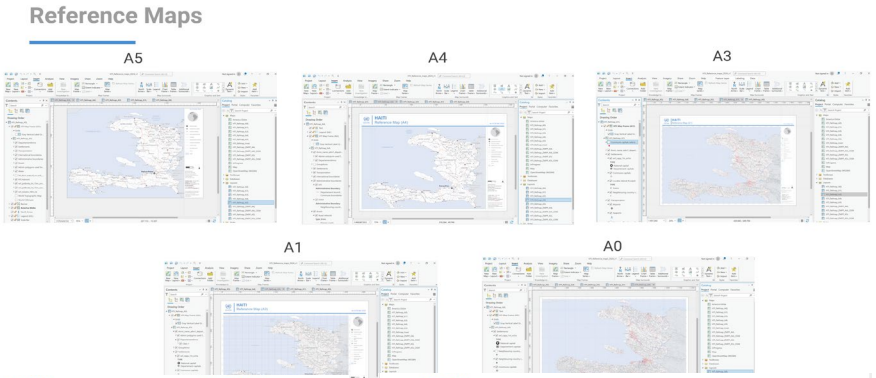
SAMPLE PROJECTS

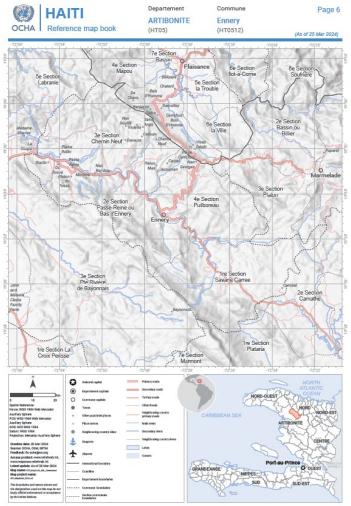
December 2024

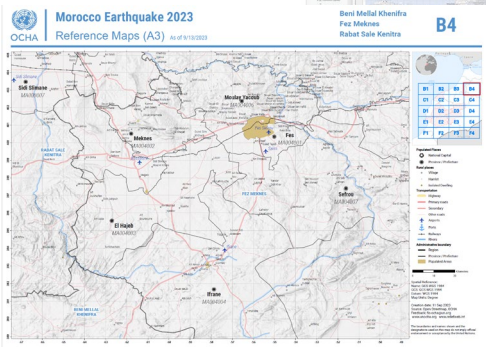
Filiz Negis Yildirim

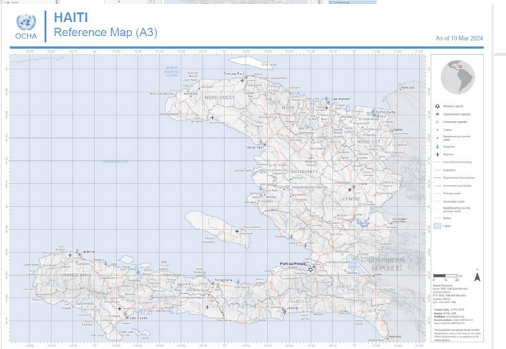
UNOCHA HQ Istanbul, 2022-

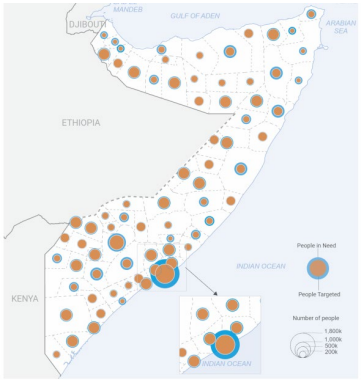
•Providing remote/on-site geospatial support in emergency responses ensuring high-quality data visualization and mapping for humanitarian operations.

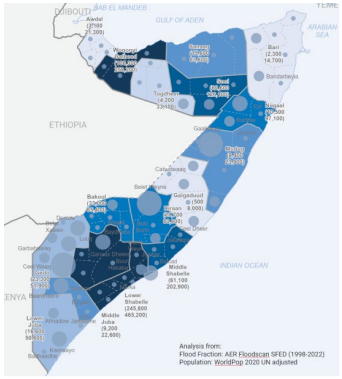


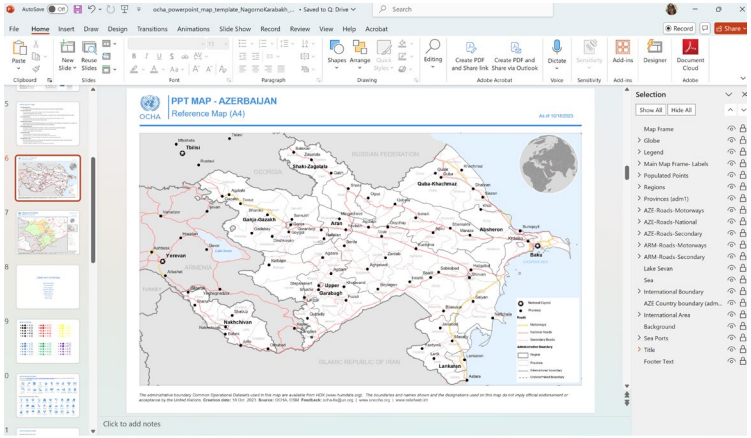












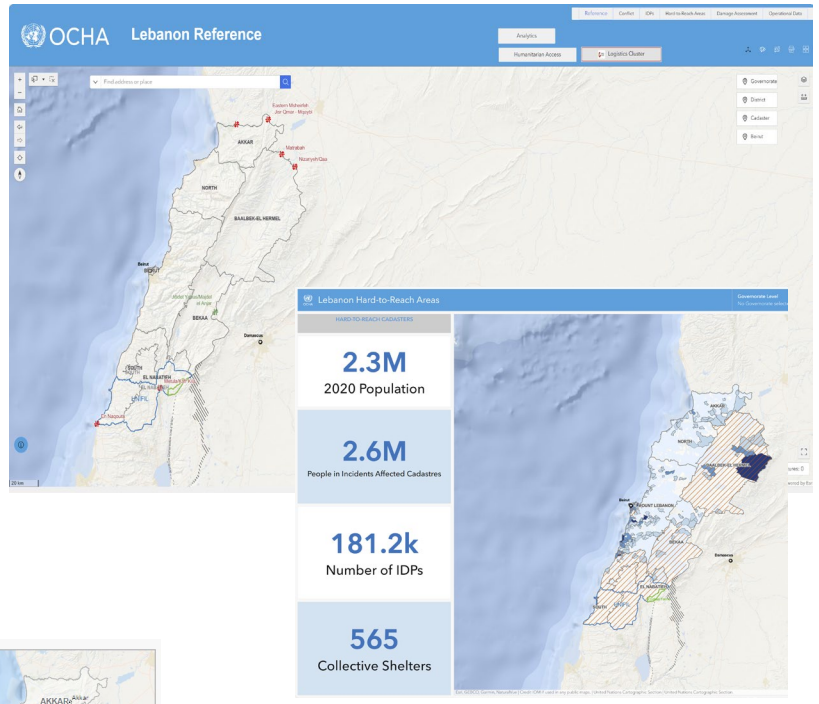
UNOCHA HQ Istanbul, 2022-

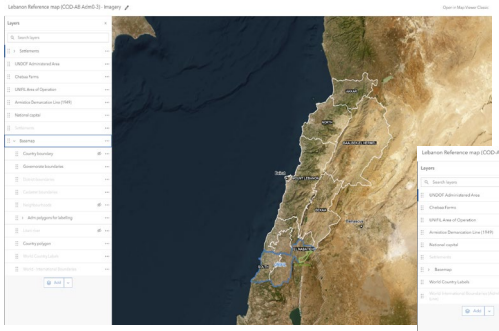
•Supporting the development of innovative geospatial tools, integrating them into enterprise-level GIS systems for enhanced data sharing and access.

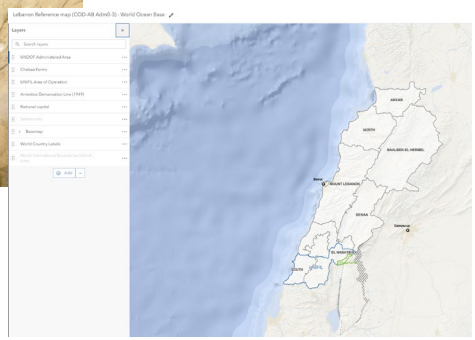
•Creating dynamic webmaps and dashboards, improving accessibility to geospatial information for stakeholders.

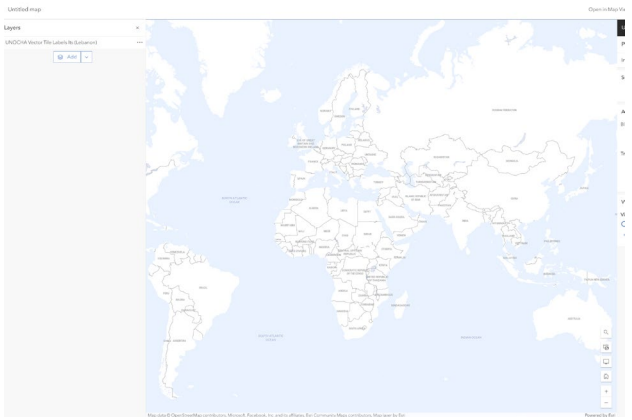
•Documenting methods and processes for geospatial outputs, ensuring adherence to quality standards and best practices.

•Conducting data analysis using various tools and statistical methods, optimizing data quality and supporting humanitarian operations.







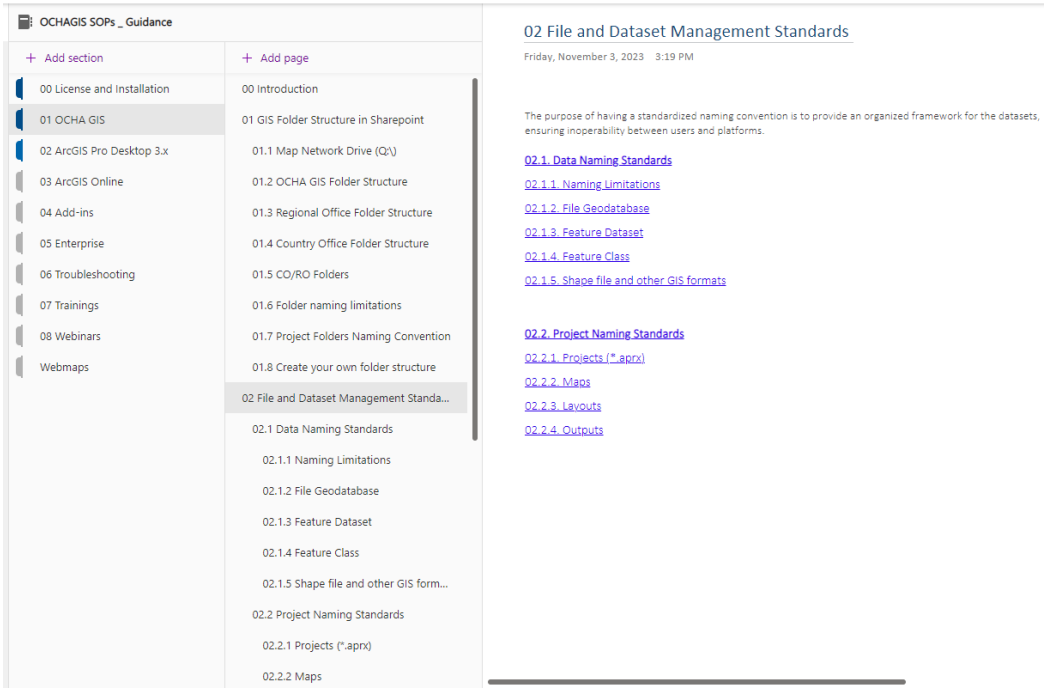


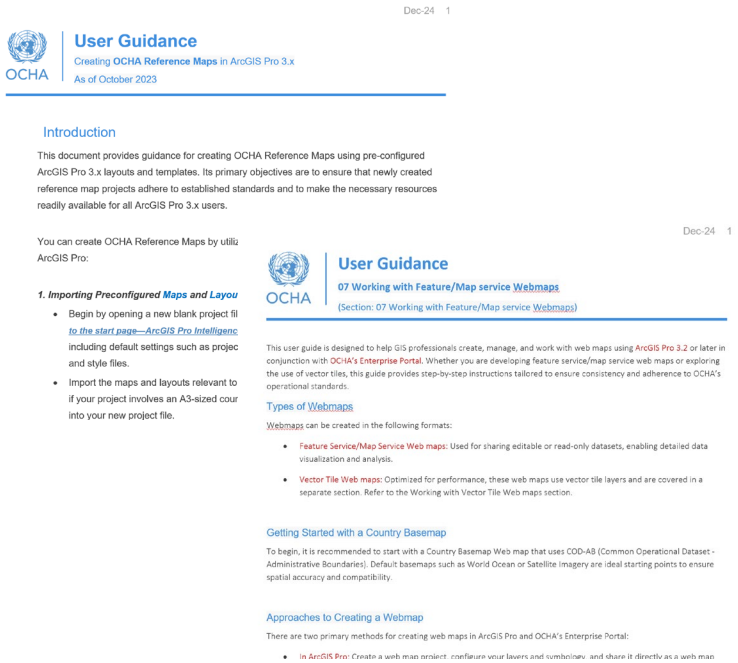
UNOCHA HQ Istanbul, 2022-

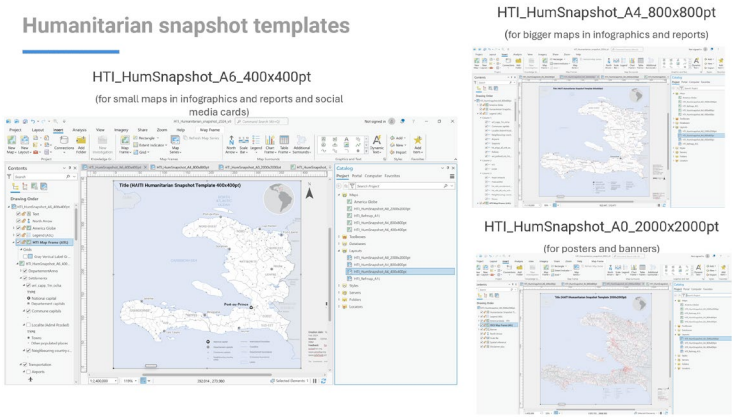
•Developing mapping/reporting templates to standardize and streamline workflows

•Delivering training sessions on GIS solutions, supporting capacity building for various country and project teams.

•Documenting methods and processes for geospatial outputs, ensuring adherence to quality standards and best practices.







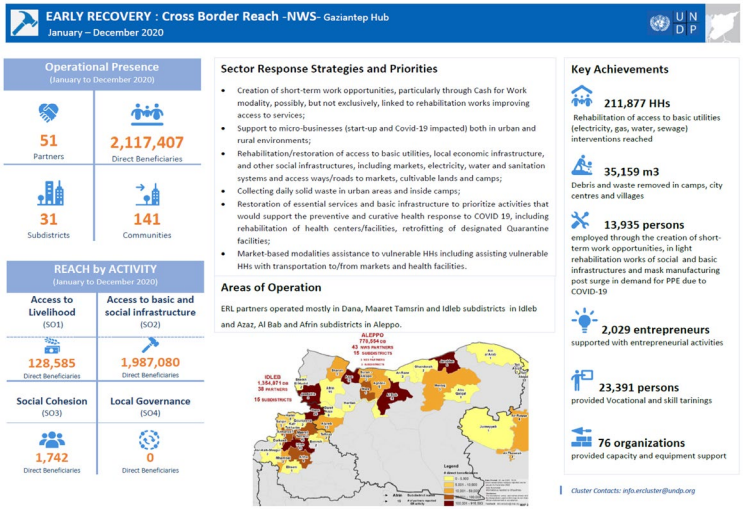
Filiz Neğiş Yıldırım

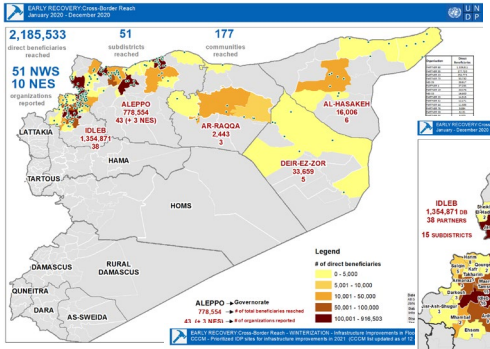
UNDP Syria ERL sector, 2017-2021

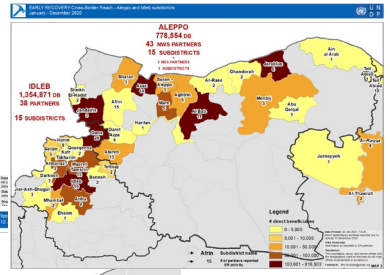
•The design, collection, modeling, aggregation and statistical analysis of data relating to the implementation of livelihoods interventions to be implemented by NGOs under the Early Recovery sector and presenting it through high quality information products designed to assist analysis, programmatic decision-making and action during humanitarian crises

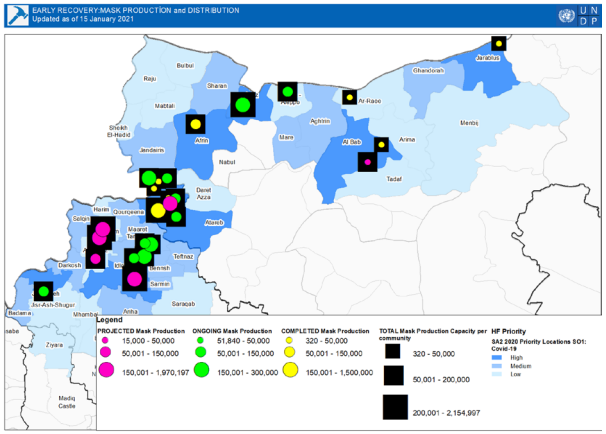
•To present information in a format that is easily understood and convey knowledge through graphic means such as mapping and dashboards, tables, charts, bulletins and narrative writing

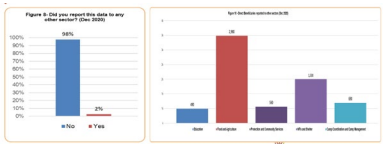
•To support the dissemination of information and to liaise and communicate with many different types of people and agencies.

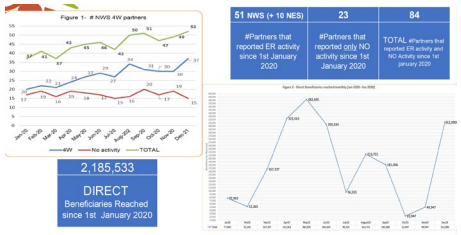


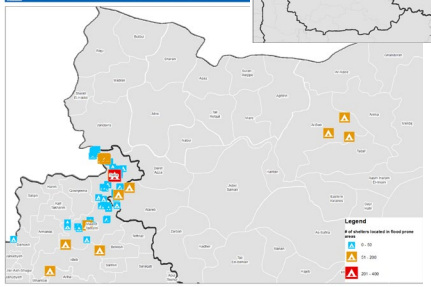








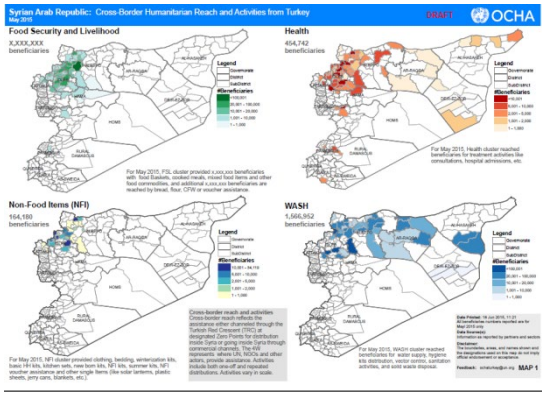


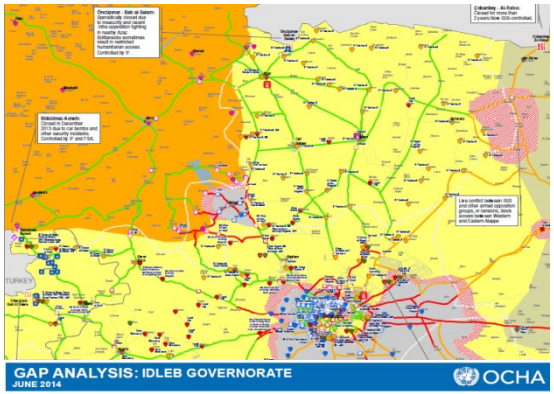


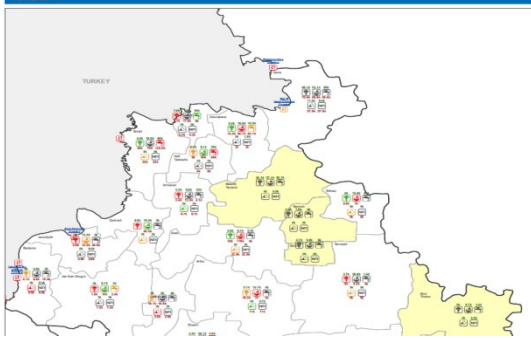
Filiz Neğiş Yıldırım

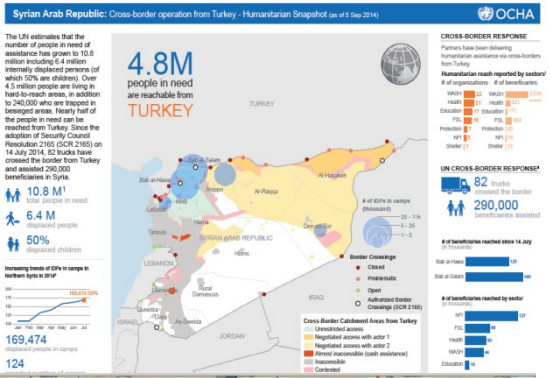
UNOCHA Gaziantep, 2013-2014

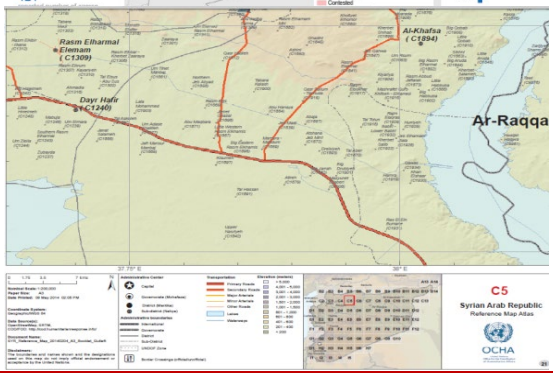
- Managing the geographic information flow, standardization and security within and between OCHA offices working on the Syria operation.
- Implementation and development of IM strategies and standards
- Repository of data through effective database management
- Development of mapping products: *(4W maps (Where, Who, What, When), Humanitarian Access, Reference map Atlas Books, Cross border operations and shipments maps, Needs response Gap Analysis Maps, Humanitarian Dashboard and Bulletin maps, People in need and population maps)*

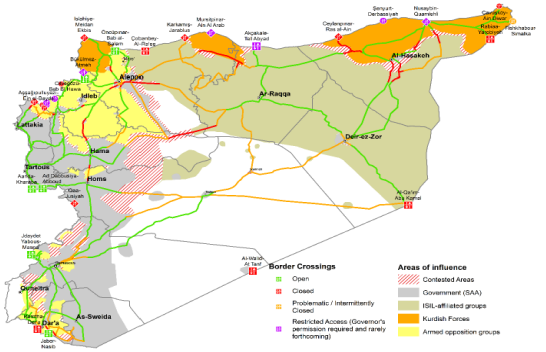




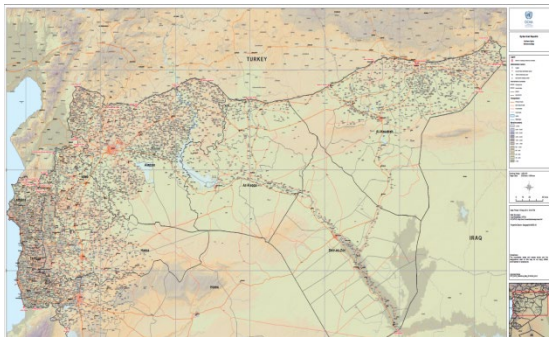








https://stima.humanitarianresponse.info/| www.unocha.org
United Nations Office for the Coordination of Humanitarian Affairs (OCHA) • Coordination Saves Lives

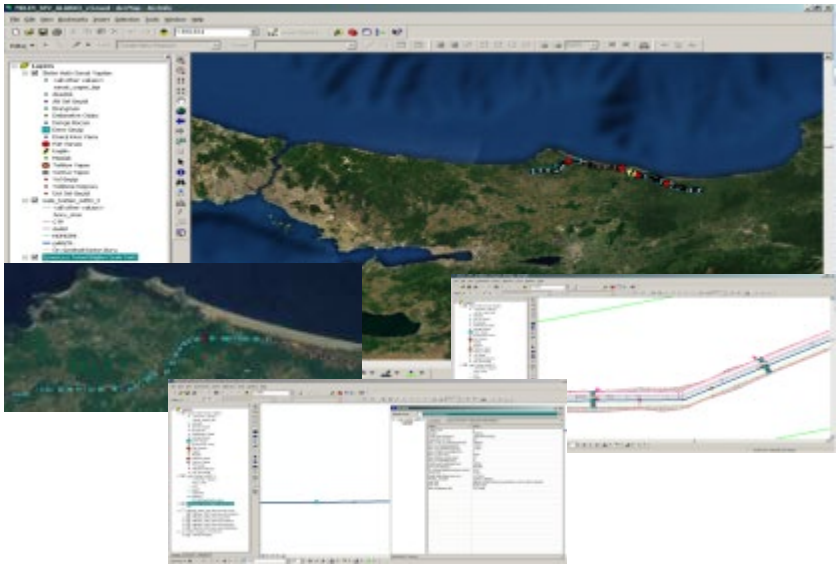


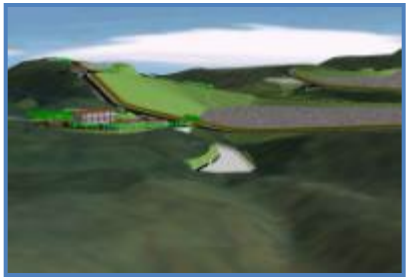
Filiz Neğiş Yıldırım

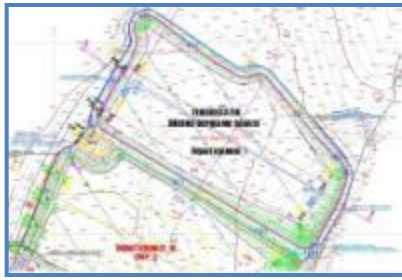
YSY, 2010-2013

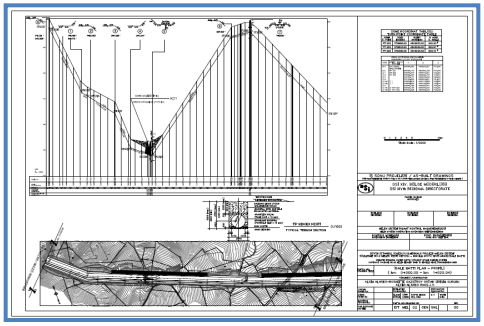
Providing mapping, feasibility studies, conceptual and final database design and data development methods and data production services to Municipalities, Governmental Institutions, NGO's, Private Sector in the fields of mapping, infrastructure, environmental engineering, consultancy and furthermore in the field of geographic information systems (GIS) integrated with all these disciplines.

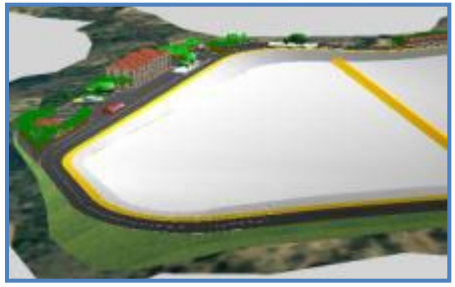
(Please click www.ysy.com.tr for detailed information.)







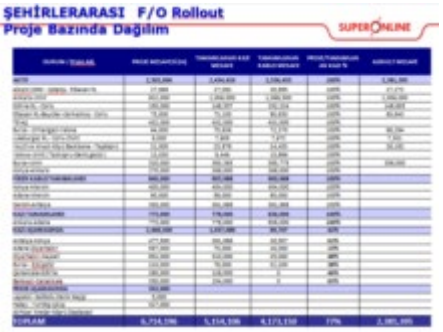


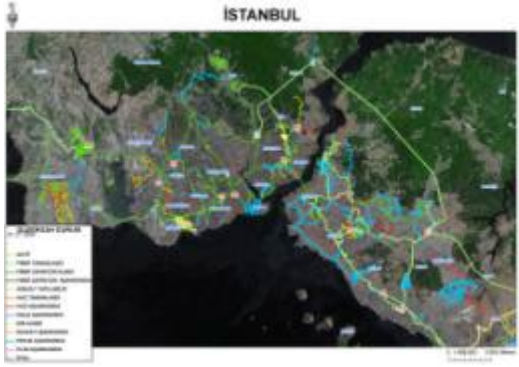


SUPERONLINE, 2008-2010

- Weekly, Monthly, Quarterly F/O ROLLOUT MAPS and REPORTS
- Preparing fiber network investment plans,
- Field survey- acquisition and production of all types of geographic data from the field with subcontractors, supervision of subcontractors and audit the accuracy and quality of the data,
- Integration of different geographic data sources and/or information systems and geographic data conversions.

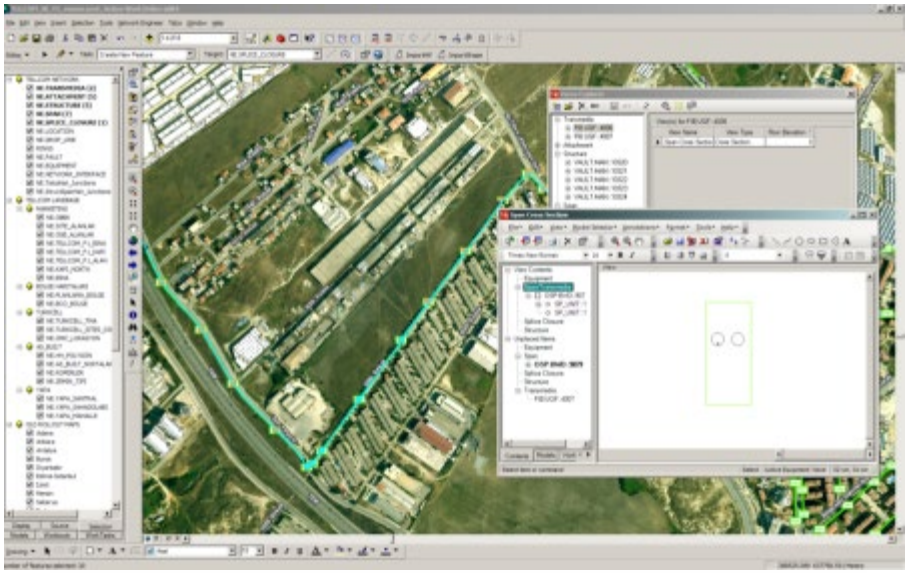
DURUM	PROJE MESAFESİ (m)	TAMAMLANAN KAZI MESAFE	TAMAMLANAN KABLO MESAFE	PROJE /TAMAMLANAN KAZI %	ASBUILT MESAFE
AKTİF	2,302,696	2,434,429	2,536,455	100%	2,381,395
FİBER KABLO TAMAMLANDI	840,000	903,988	900,988	100%	
KAZI TAMAMLANDI	773,000	778,000	636,000	100%	
KAZI AŞAMASINDA	2,466,500	1,037,689	99,707	42%	
PROJE AŞAMASINDA	332,000				
İHALE AŞAMASINDA	0				



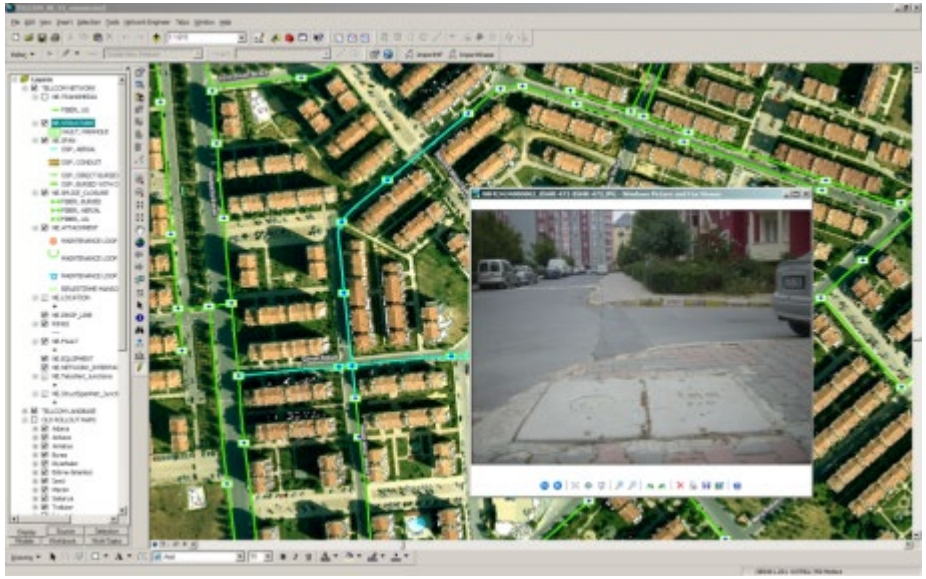


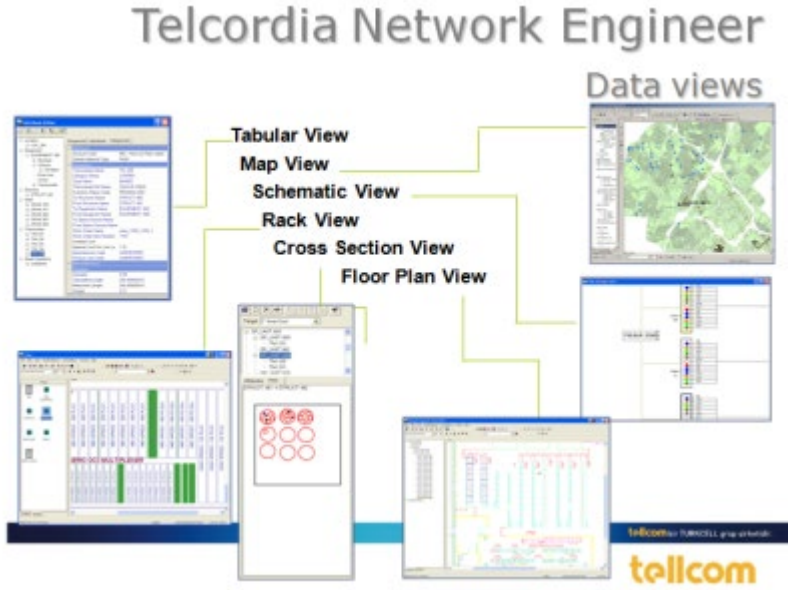
SUPERONLINE, 2008-2010

- Implementation of a central spatial data repository, acquisition and implementation of the required software tools for network planning and engineering (Telcordia Network Engineer), integrating the GIS system with other systems like ERP, CRM, Maximo..etc,



- Development of GIS strategies and corporate strategies,to keep abreast of the technological progress and implementation of the new technologies if needed.





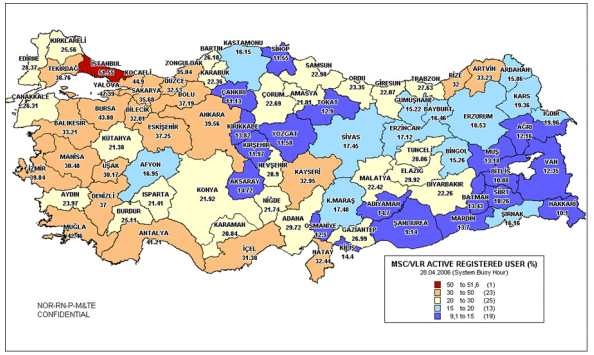
TURKCELL, 2005-2008

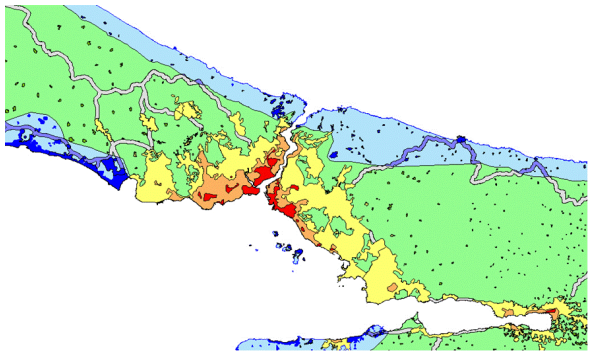
PERIODIC GSM NETWORK MAPS

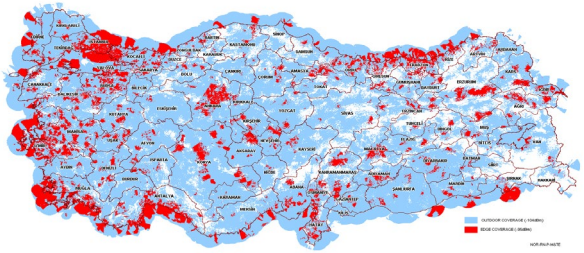
- SITE-SECTOR Maps
- BSC-MSC-SGSN Service Area Maps
- EDGE Active cells maps
- CELL-PLANNER Responsible Area maps

GEOGRAPHIC ANALYSIS

- Population and geographic GSM signal coverage maps and analysis
- Network Statistics Maps like Voice and data traffic,Congestion, Block, Utilisation , thematic maps of Site, Sector, BSC, MSC.
- MSC/VLR registered subscriber penetrations maps:
- Determination of hot spot areas using the Datamart and Metrica
- Environmental flag (GSM traffic zone) maps

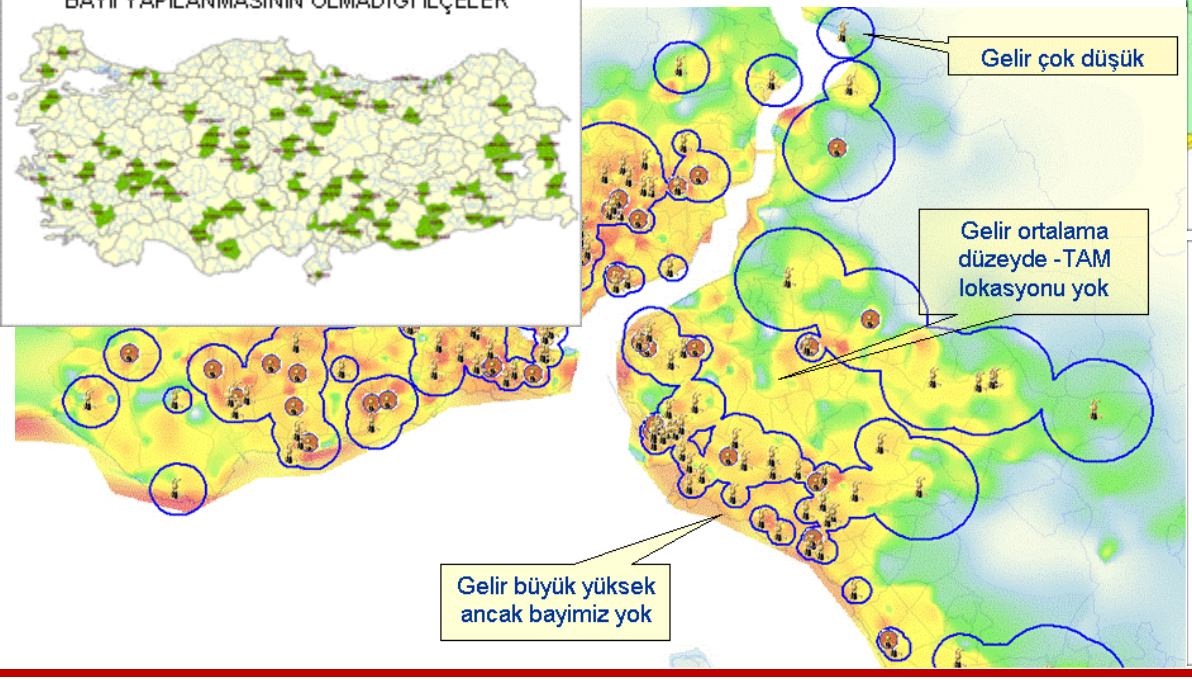


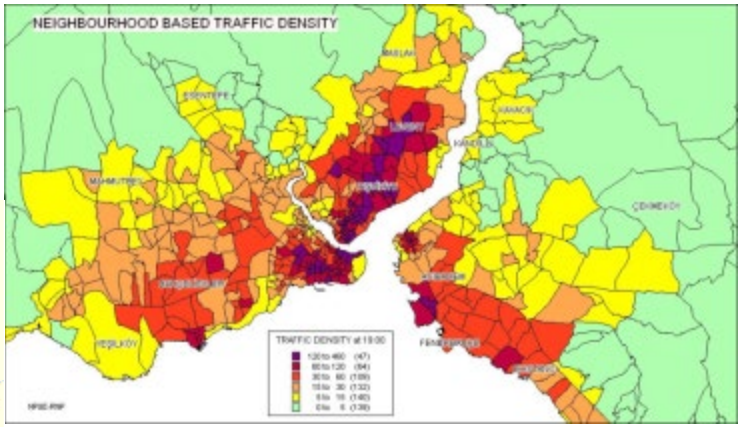


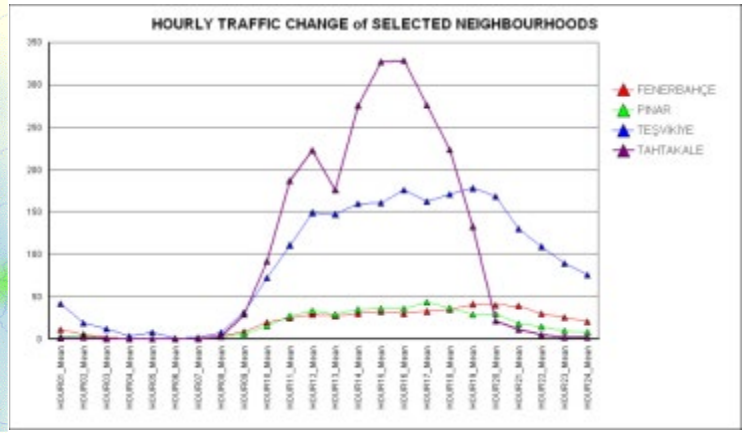


TURKCELL, 2005-2008

- **REPORTING**
  - Periodic Quality of service reporting
- **SALES and MARKETING ANALYSIS**
  - Catchment area analysis,
  - Determination of Hot-spot areas,
  - Revenue distribution,
  - Analysing customer behavior due to location etc...

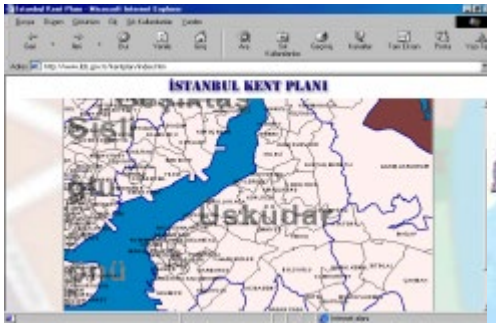




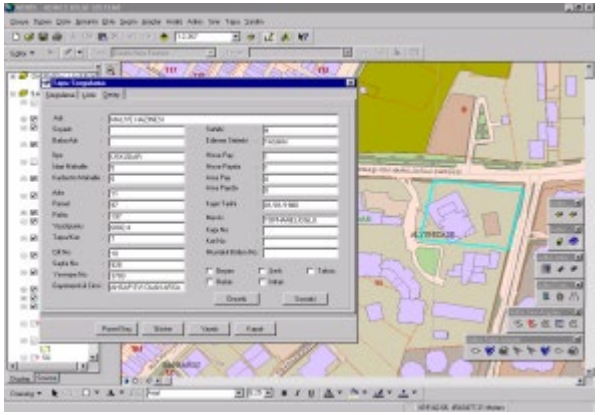


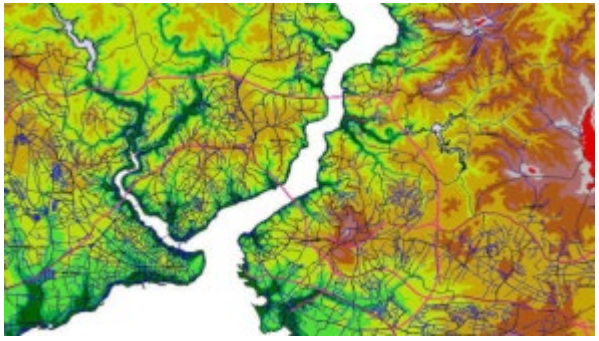
ISTANBUL GREATER CITY MUNICIPALITY ,
"TOPOLOGY PROJECT (DESIGNING AND IMPLEMENTATION OF GEOGRAPHIC DATA REPOSITORY)", 2000

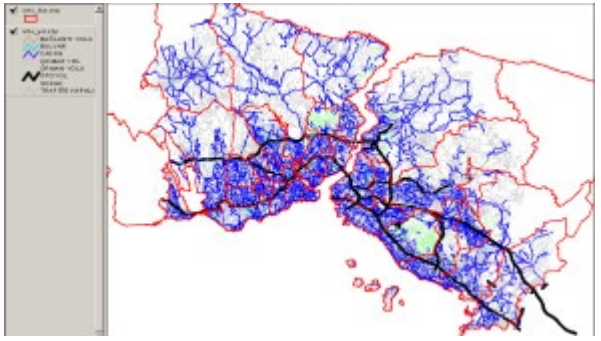
The project covers the design and implementation of a gis data reporsitory which will be used by all the departments in municipality and furthermore by the citizens in the city (http://sehirrehberi.ibb.gov.tr/map.aspx). The project was the most comprehensive and almost the first GIS project in Turkey.



- Basemaps
- Address data
- 3D topographic maps of Istanbul
- Ortophotos
- Cadastrals
- Boundaries
- Street (Network data)
- Cıty Plans
- GIS database model (Oracle and SDE)
- Print outs

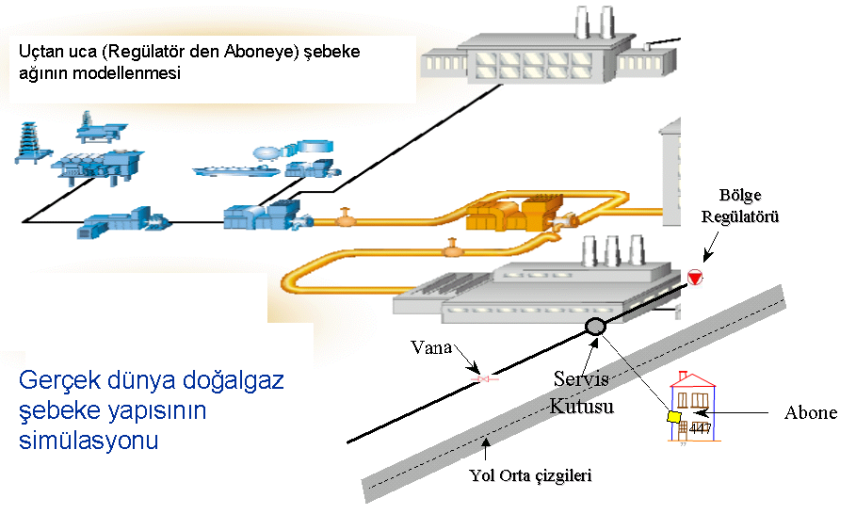


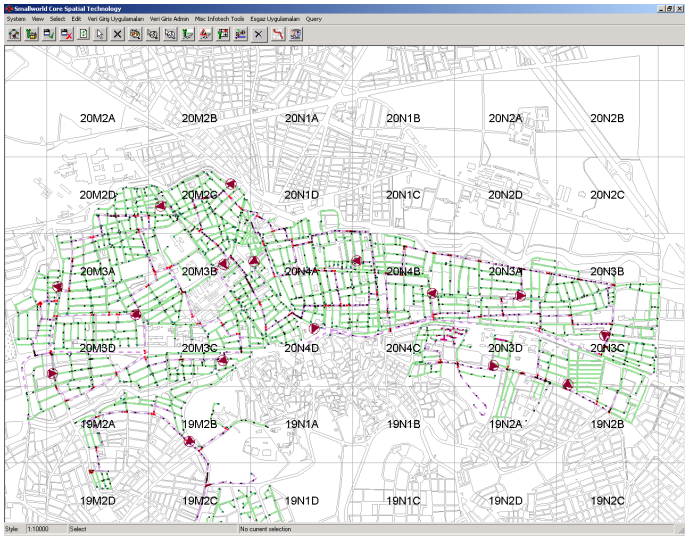


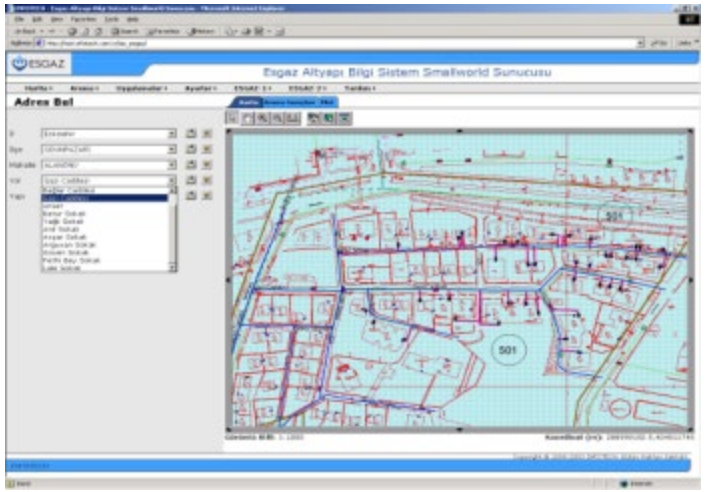


ESGAZ (ESKISEHIR GAS DISTRIBUTION COMPANY)
"E-BUSINESS AND MANAGEMENT", 2004

The project covers construction of a GIS based address and gas network inventory model for natural gas network and development of software applications enabling the model to be used in planning, engineering, operations, marketing and investment processes.

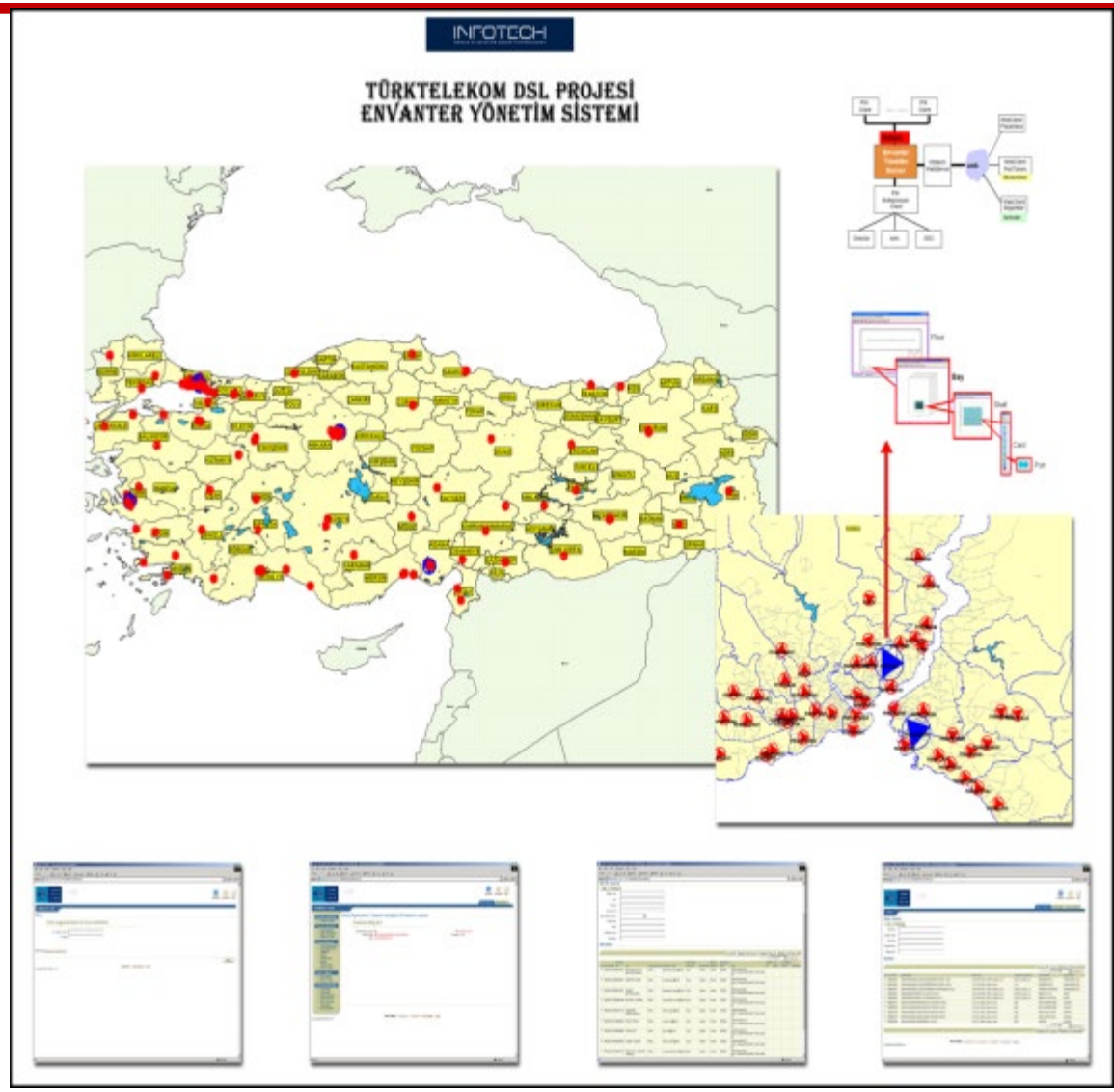






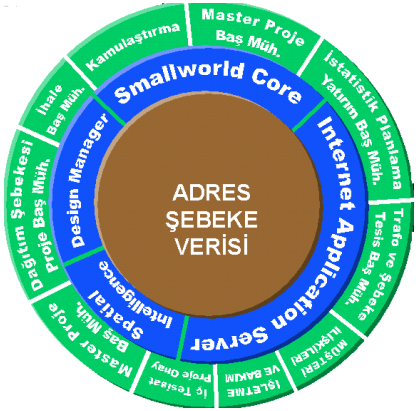
TURK TELECOM
"TT-DSL INVENTORY MANAGEMENT SYSTEM", 2003

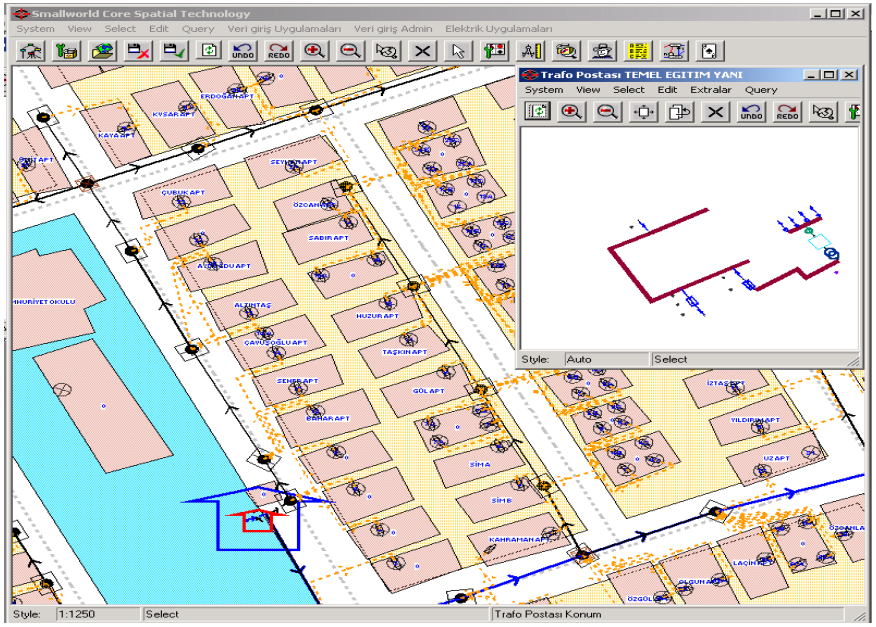
The project covers implementation of a GIS based physical network inventory model for DSL telecommunication network that consist of shelf, cards, ports, connectivities, copper and fibre cables, the management of the physical network inventory and integration of the inventory with other systems .

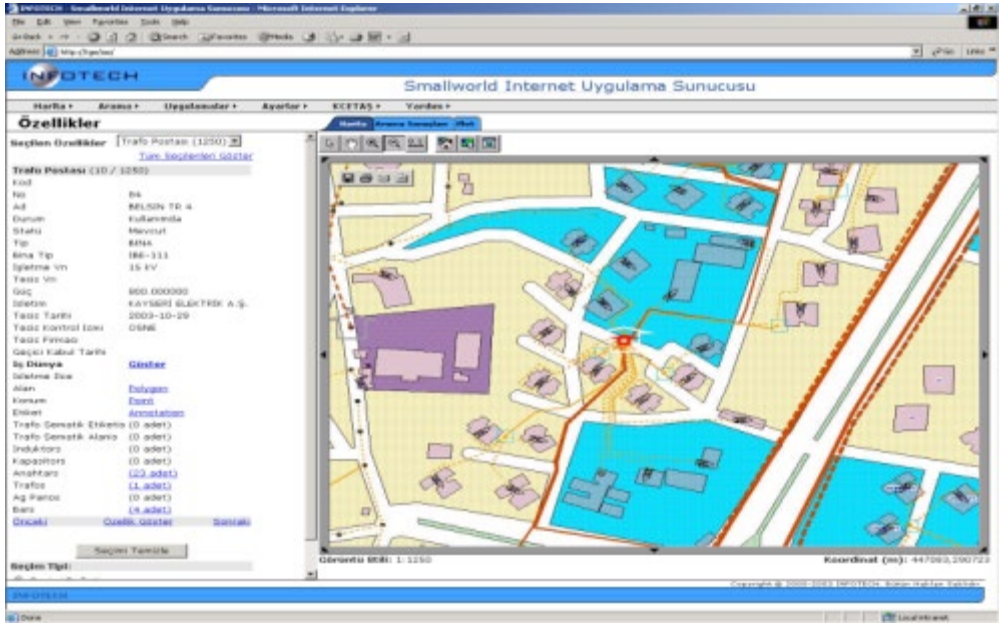


KCETAŞ (KAYSERI ELECTRICITY INCORPORATION)
"E-BUSINESS AND MANAGEMENT", 2003

The project covers construction of a GIS based address and electricity network inventory model, for electricity network and development of software applications enabling the model to be used in planning, engineering, operations, marketing and investment processes.







R&D PROJECT AIDED BY TECHNOLOGY DEVELOPMENT FOUNDATION OF TURKEY
"TELECOMMUNICATION NETWORK INFORMATION MANAGEMENT SYSTEM" , 2002

A research and development project supported by Technology Development Foundation of Turkey(TTGV). The project covers construction of a GIS based physical and logical network inventory model for telecommunications and development of software applications enabling the model to be used in planning, engineering, operations, marketing and investment processes.

The technical goal aimed is that for all elements of a telecommunication network from central switch to end customer to be modelled as real world objects and end up with a distributed, multi-user, client-server spatial resource planning system (SRP) with "version management" and "long transaction" support that enables for all activities on the network to be performed using computers based on this model.

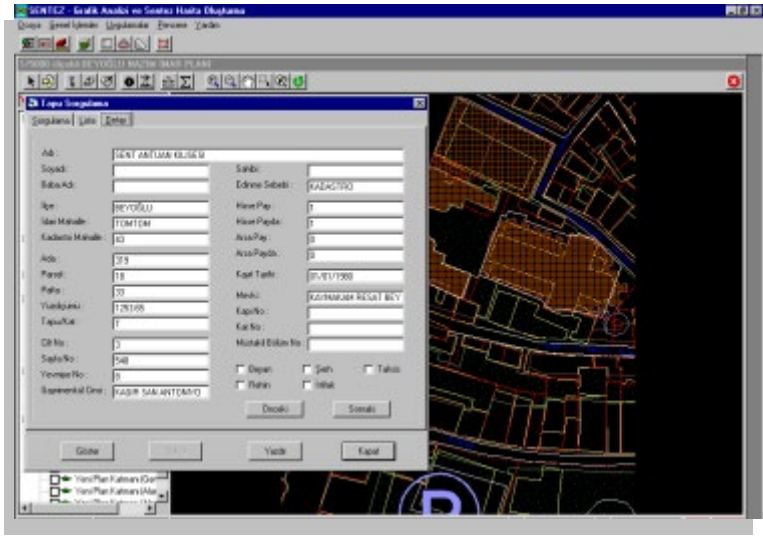
ISTANBUL GREATER CITY MUNICIPALITY PLANNING DEPARTMENT
"DIGITAL URBAN PLANNING AUTOMATION SYSTEM " , 1999-2000

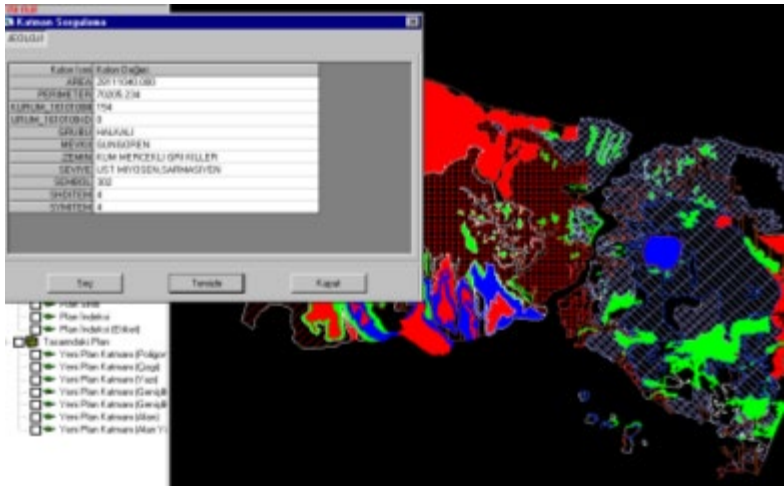
The project covers data transformations into GIS format, modelling urban planning applications and the data model, training and technical support on the applications.The aim of the project was designing and implementation of the planning tools and data repository which will be used in all steps of the planning process based on Arcinfo technologies.

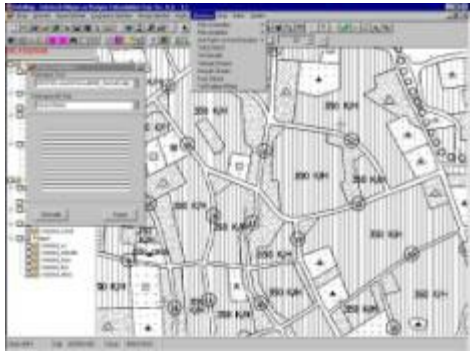
Project covers tools for data management, data repository, gis data entering, digitising, gis analysis, reporting, printout tools.

The modules designed:

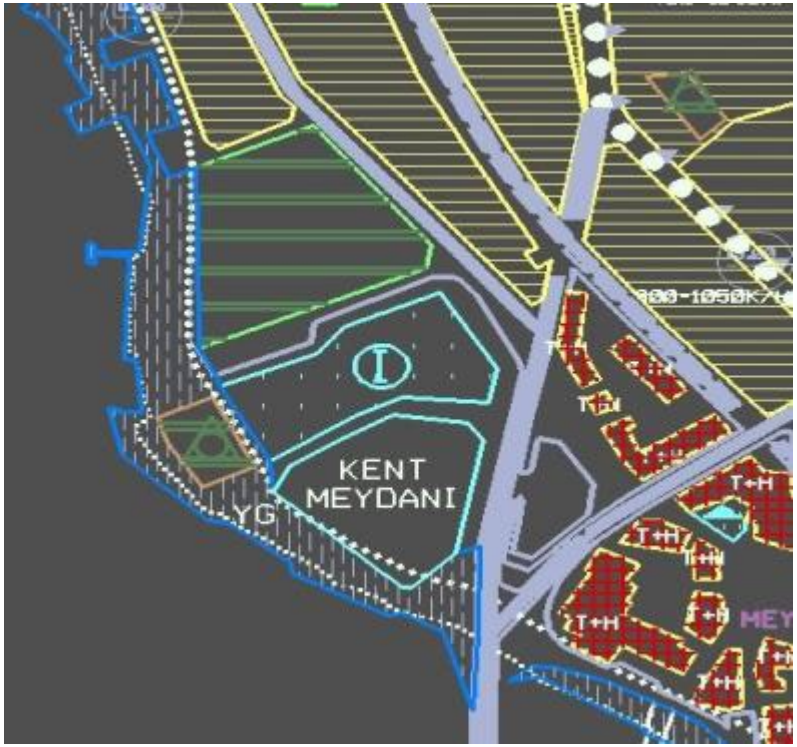
- Project management tools
- Field data tools
- Registered historical buildings, places and trees inventory management tools
- Digitizing and transformations tools
- Analysis
- Design tools
- Plot –Print out tools

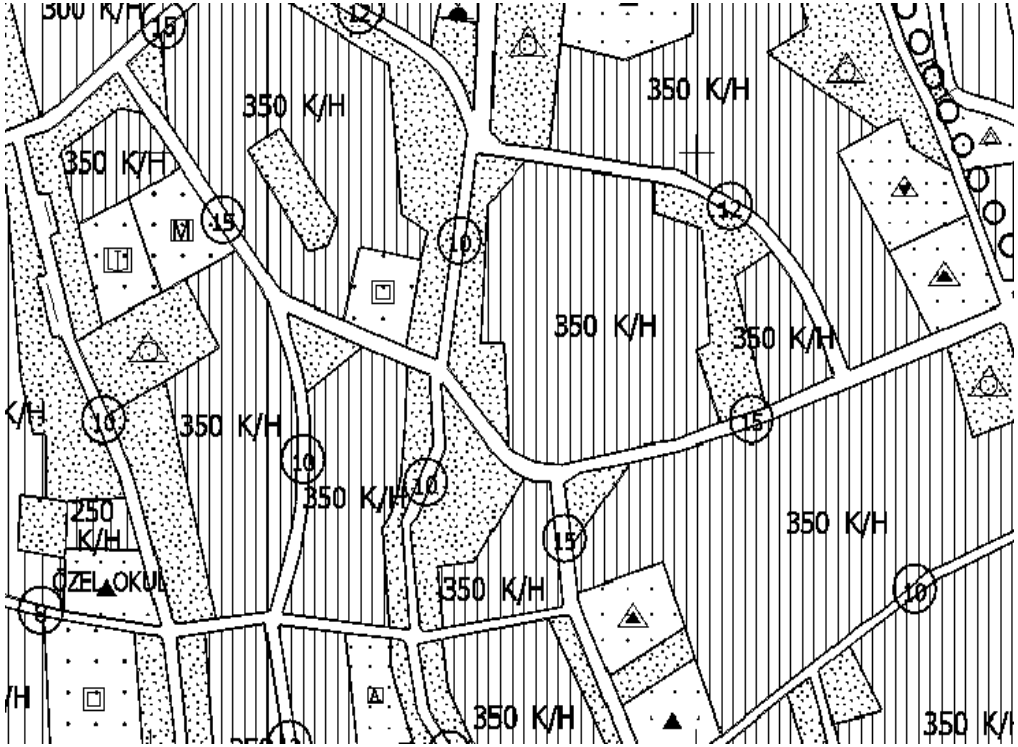






The projects covers of digitising of all the city plans, transformation of the plans into GIS formats, creation of a planning data repository . All the city plan papermaps were digitised, transformed to both CAD (DGN, DXF) and GIS (SHP and MAP) formats, projected to UTM coordinate system.





USKUDAR MUNICAPALITY
CITY INFORMATION SYSTEMS, 1999

The project covers digitizing and transformation of city plans, landbase maps, cadastral and ownership records, 1/1000 scaled public plans to GIS format, modelling of building permits applications, training and technical support.