



NobelTek

Organization: NobelTek

Location:



Challenges

- Large area of responsibility (4 cities in North Africa)
- Lack of digital data availability
- Gaps in communication and transparency
- Planning and Preparedness: Absence of proper guidelines for preparation of disaster management plans
- Emergency Response: Lack of co-ordinations with various departments affecting the response due to non-availability of maps at one platform
- Post disaster recovery

Solutions

- Providing a digital High Resolution Vector Data (1:10,000)'basemap' of the four cities
- Interactive dashboards for command and control centre
- Update accurate information associated with assets around the city
- Understand what and where the obstacles are and to provide strategies that can be used in dealing with these hurdles

Results

- Critical decision making in measurable amount of time
- GIS models in easy planning for response and recovery
- Generate maps both at micro and macro level indicating vulnerability to different extents under different threat perceptions.
- Better co-ordination pre- and post disaster

