

Antalya Smart City Project

- Name/s of the involved institution/s:



- Antalya Metropolitan Municipality
 - Ministry of Transport and Infrastructure
 - Ministry of Environment and Urban Planning
 - Local Institutions of Ministries (Security, Police Dept, General Directorate of Roads)
 - Energy distribution companies , ...
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- Three-line Project Description : To position Antalya as Modern and Branded city sustainable under innovative and urban developed approach targeting to increase Quality of Life of Inhabitants with the help of technology

1. Institutional setting

- In 2015 A MoU has been signed with TurkTelekom & Turksat with initiation of Ministry of Transport ...
- Demand by Municipality to position Antalya as showcase city due to large number of foreign/domestic visitors .
- Demand by Presidential Office in Macro program to initiate Digital Transformation initiatives ..
- Stakeholders : Antalya Metropolitan Municipality, Turksat (Main Contractor), Turk Telekom (Subcontractor, Technology provider)

Stakeholders



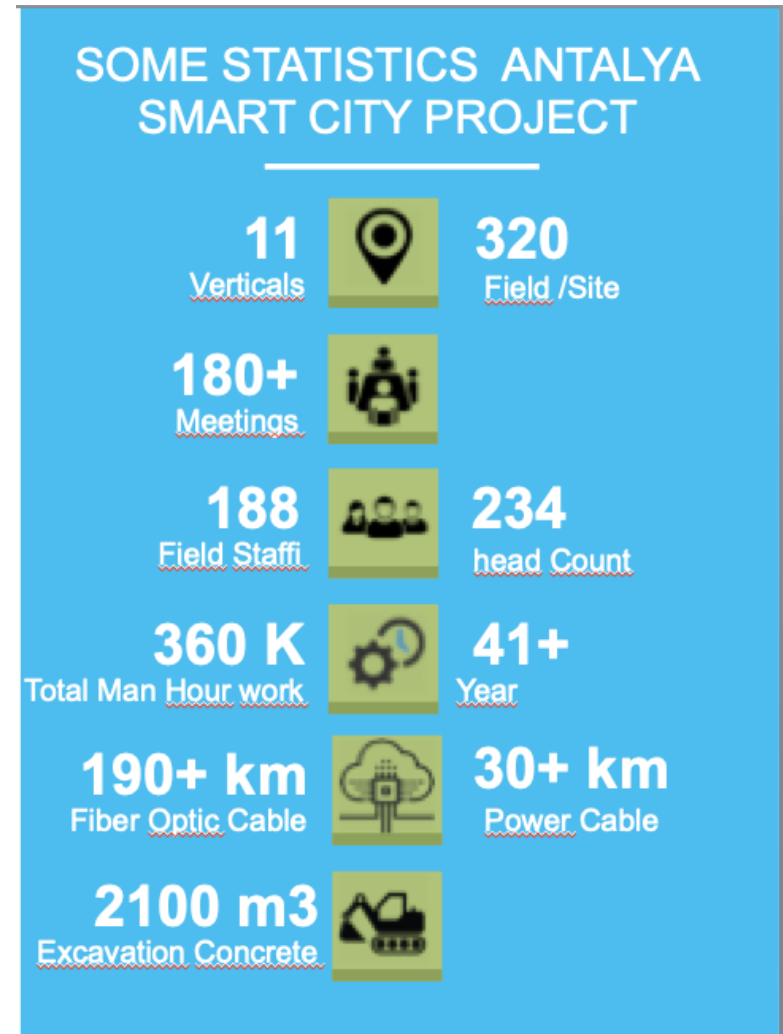
2. Starting point

Main Challenges :

- ✓ Financing of the Project
 - Revenue Sharing Model in Smart Traffic system which is the biggest part of Project Financing → penalties collected by Road Police, distributed some percentage to Municipality since it's making investment
 - Since other services FOC, Municipality make rest of the investment
- ✓ Time Limitations → Project should be finished and Ready-For-Service before upcoming local elections (March 2019)

3. Approach

- Project Management → Main contractor is TURKSAT
- Sub-project Groups for different components of the project
 - 11 different project groups
 - Bi-weekly meetings
 - Bi-monthly executive briefings



4. Outputs

- Free WiFi Service in 41 locations

415.543 users



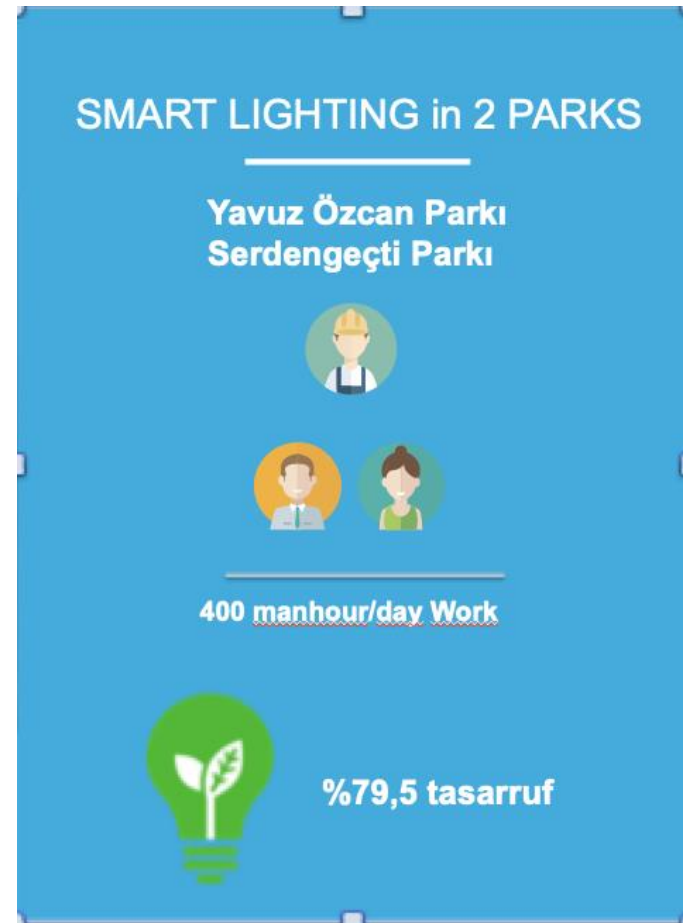
**86.146 GB
data usage**



879.520 logins



**1.692.602
hours usage**



- No difference in benefits M/W in usage of services

5. Lessons

✓ - Financing of Projects :

- Management of Advance payments for subcontractors
- Better management according to fluctuations in Macro Economic parameters

✓ Stakeholders Management :

- Coordination of stakeholders in different level of expertise
- Coordination of stakeholders in different sectors (public/Private)
- Challenges in bureaucracy
- Conflict management with different Public bodies

✓ Phased Approach in realization of the project

- Pilot projects enables us to see the big picture → in Smart Irrigation project especially ...