Asecap Days 2017

GIS Apps as a business enabler examples from Hellastron members

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Hellastron Network

Information classes of a Tollway GIS

Geometry

- Aerial photography
- 3D Mapping / drones
- As Built CAD drawings

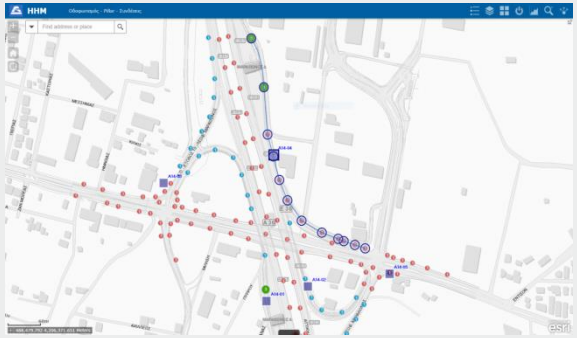
Assets

cameras, loops, signage, speed limit zones, shaft covers, guard rails, safety barriers, fencing, road markings, sound barriers, irrigation network, power network, power transformers, generators etc.

Fused Data

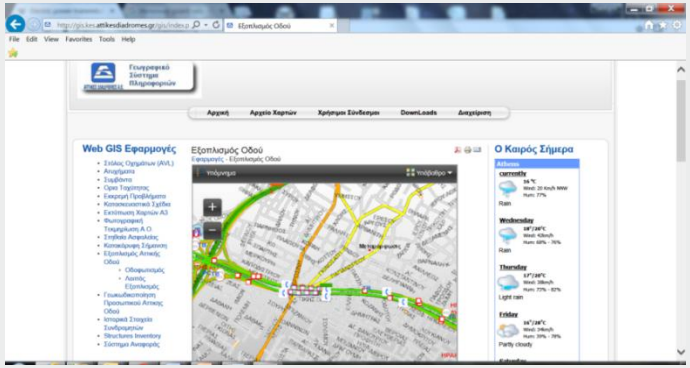
- Meteo
- Environmental
- Noise
- Geology
- Incidents
- Failures
- Traffic counts
- etc.

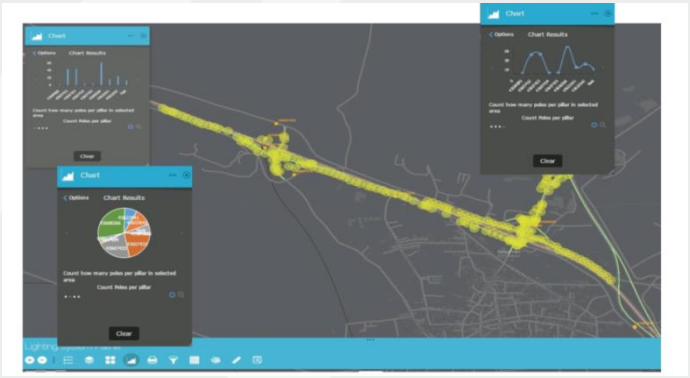
Info digitization and visualization

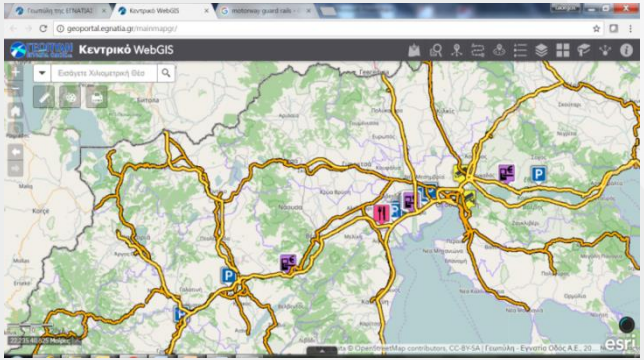


Coupling the digital map with video, images and assets

GIS portals







- Application templates
- Web services

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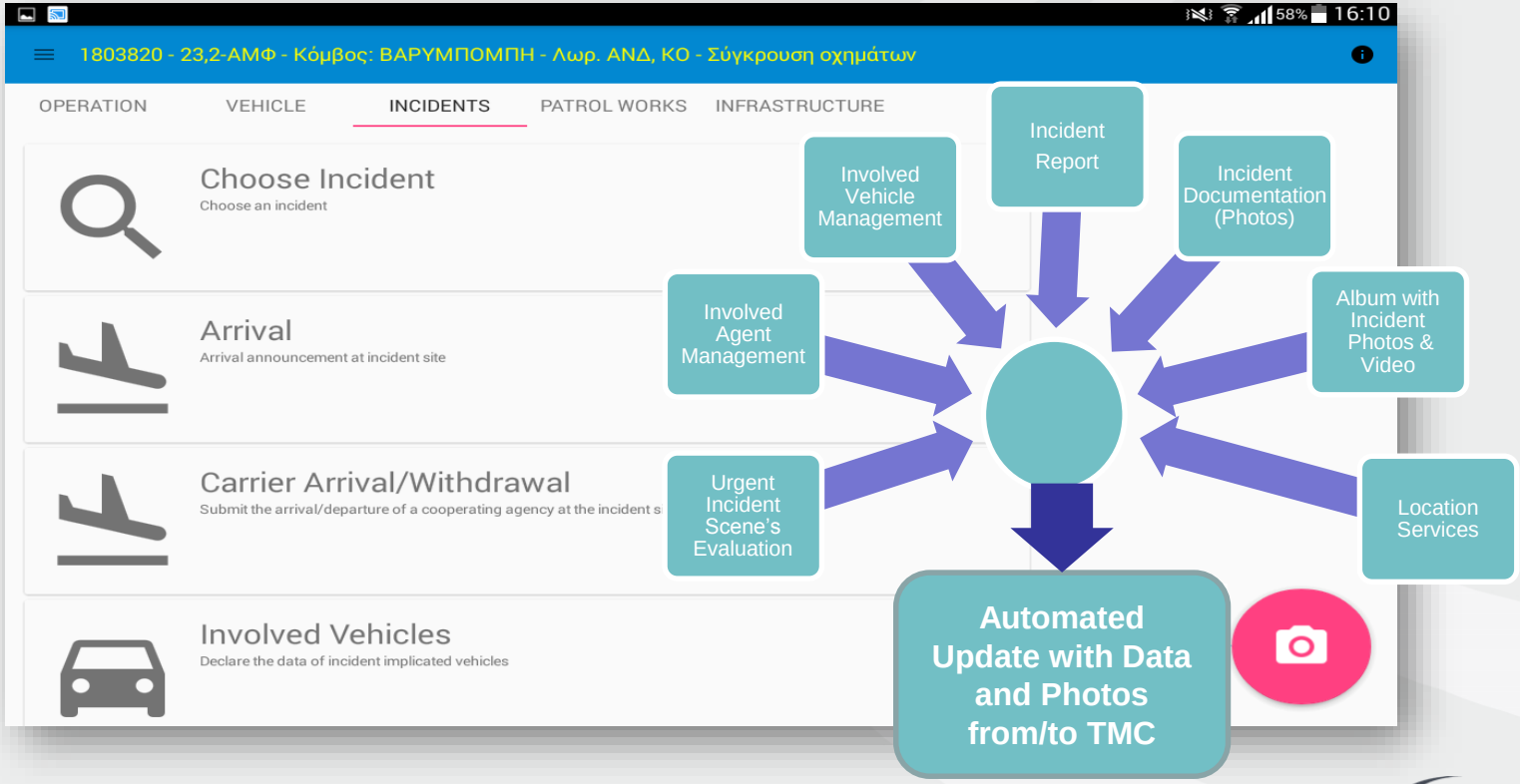
Ex #1 – Incidents management



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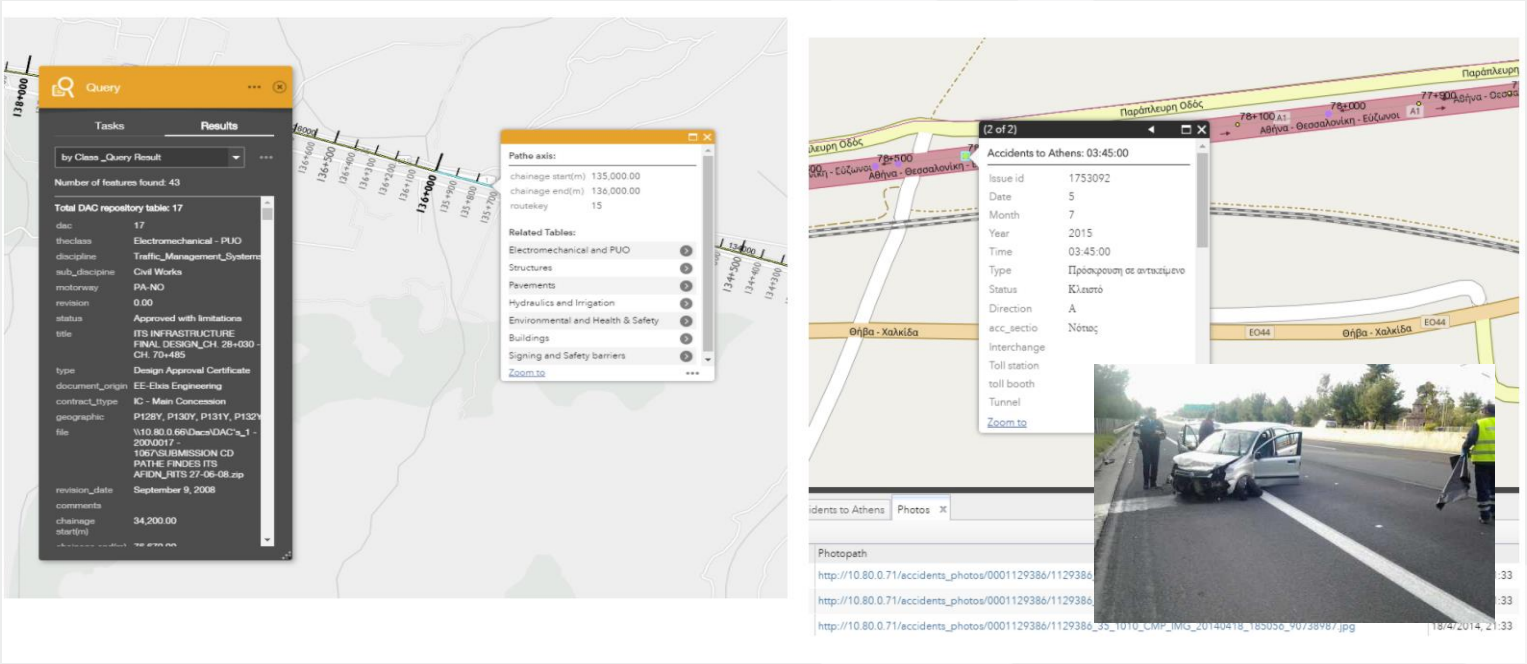
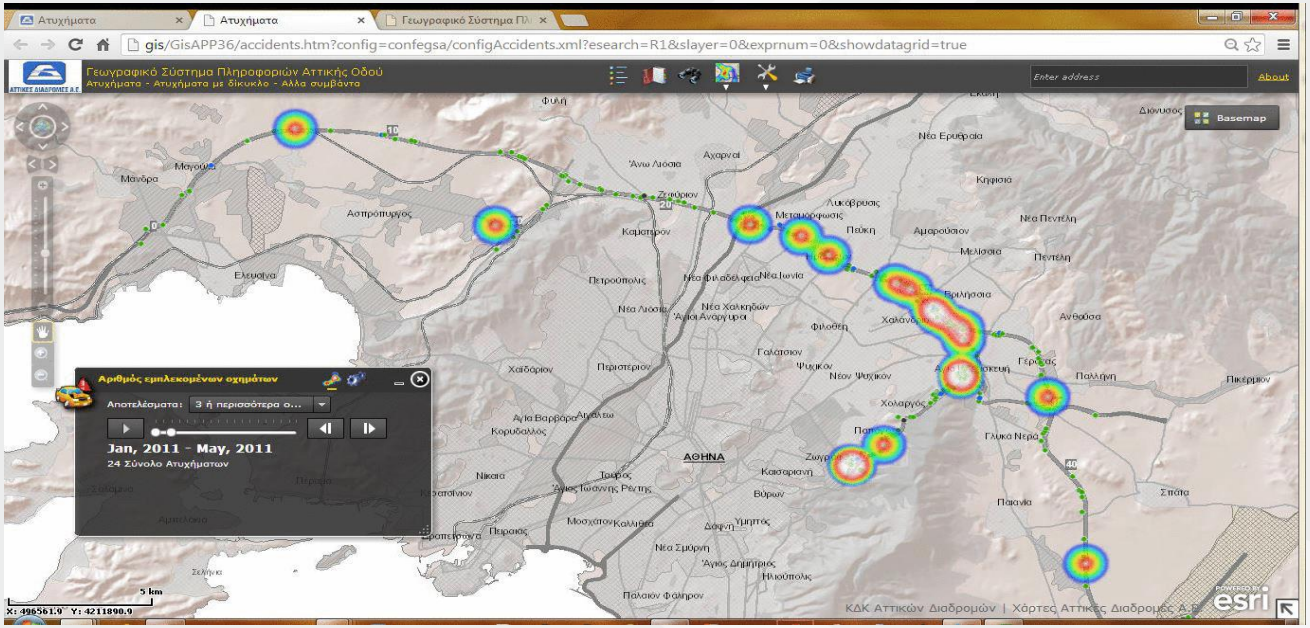
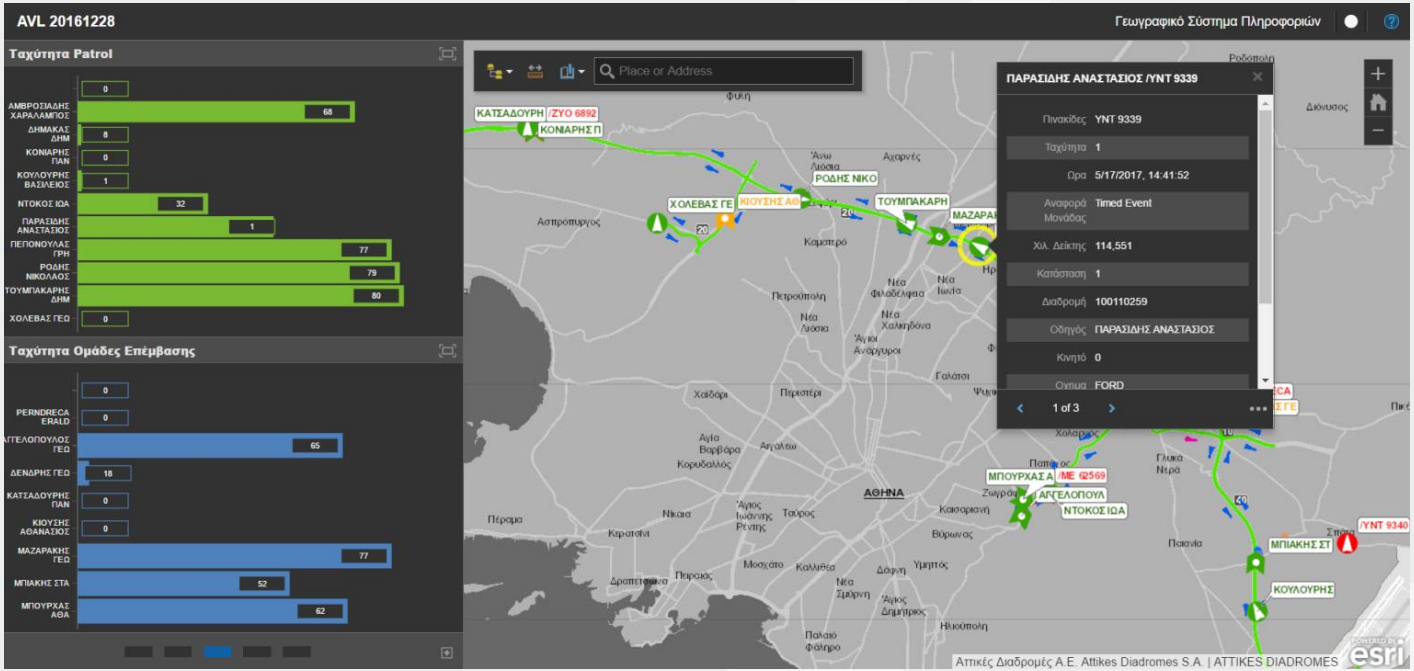


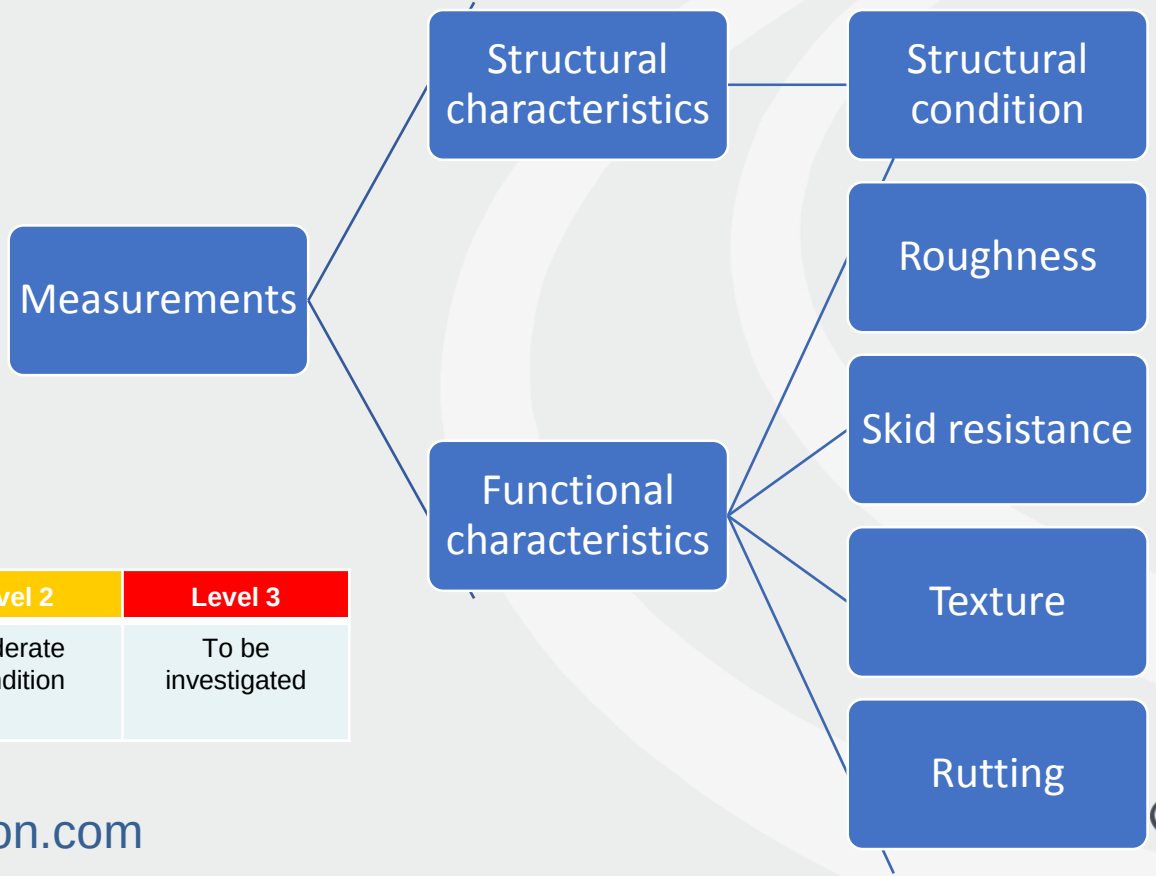
Ex #2 - Black spots analysis



Ex #3 – Driving Behavior

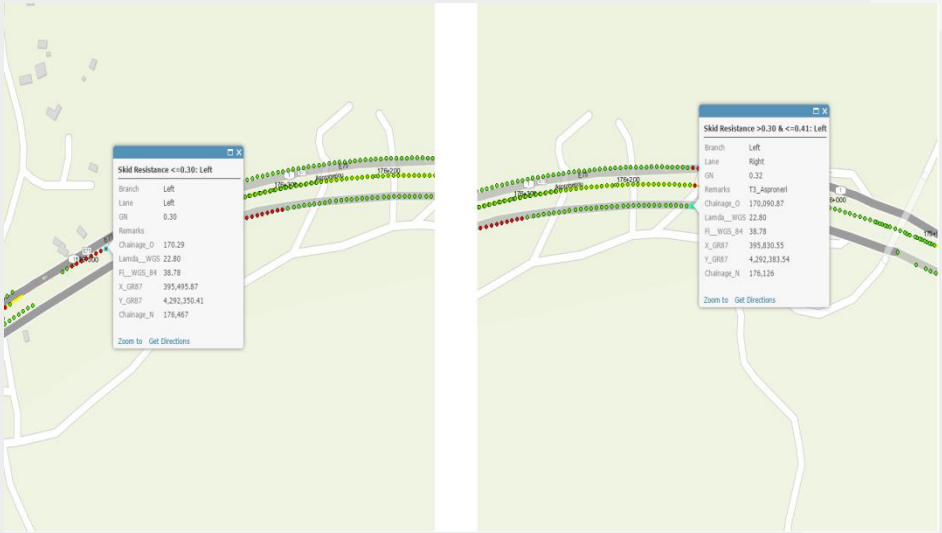


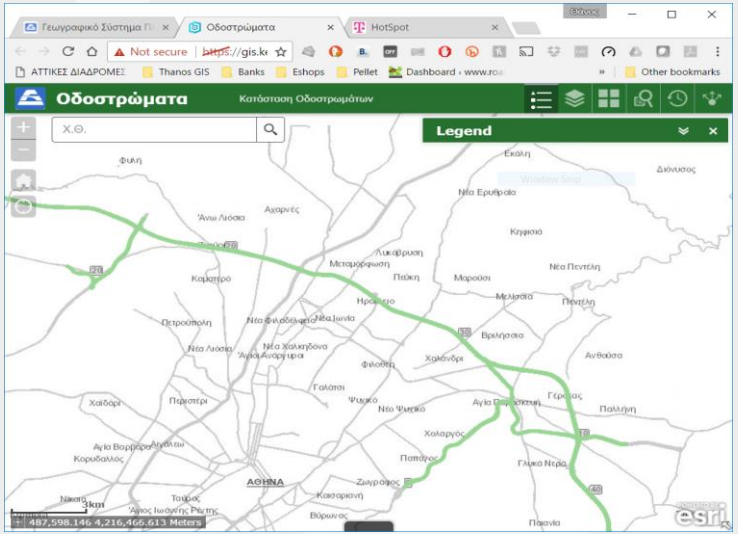
Ex #4 – Pavement condition monitoring



Level 1	Level 2	Level 3
Good Condition	Moderate Condition	To be investigated

Ex #4 – Pavement condition monitoring





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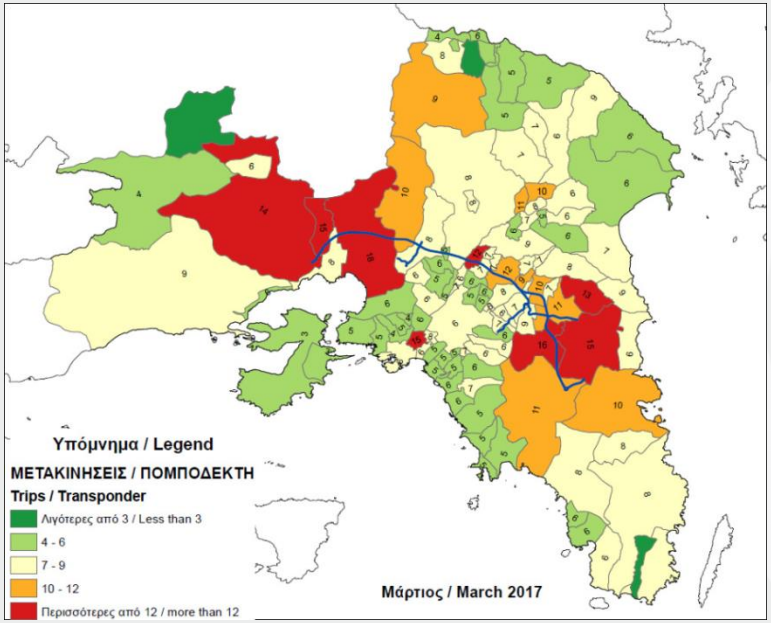
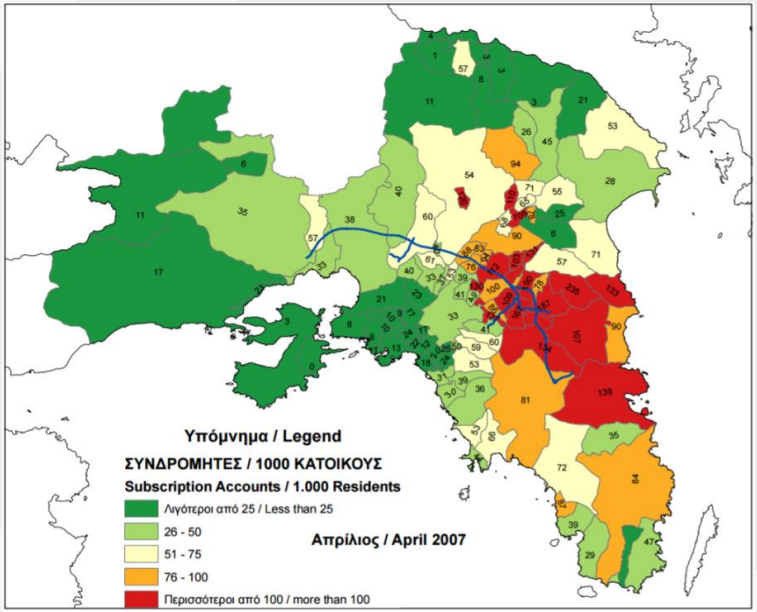
Ex #5 - Customer base analytics





Thank you !

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