

**Rel8** - Rel8 is a Context-Aware, personalized recommendation platform. It is the next generation in smart communication creating a unique experience for each user. It produces different output like messages, push notifications, sms, mobile coupons etc based on the user preferences and the context. The context can be many different things like the weather, the season, the time or the location. Rel8 provides an API so mobile applications or other software communicate with it and get this information in different formats. It also incorporates a powerful rules engine giving the administrator the ability to offer different content to different users in a different context. During the LDA project Rel8 will take advantage of the weather and environmental data provided by the project and offer recommendation in the form of push notifications to mobile apps based on the context created by the data above. It will provide a REST API making the life easier for developers to take advantage of its power. In the next step it will also provide a full featured SDK for the major mobile platforms, iOS and Android.

**estate4real** - An innovative Real Estate mobile application that tries to find the best options for a user interested in renting or buying a home, in a personalized manner and by taking into account the quality of the local environment and the available facilities in the surroundings. The motto of the app is “Find a home, not just a house”. The objectives of the application are to: i) provide objective information about the natural environment through satellite data, ii) match user preferences to offered properties, iii) quantify how easy it is to live in a specific district in terms of private or public transportation and accessibility to the city center and iv) be able to answer questions like these: How “walkable” is the area? Is the quality of air good? How green is the area? Are there any super markets, pharmacies, police departments etc. nearby?

**sbCliMate** - The sbCliMate® application aims to extend the functionality and usefulness of the sbNavi™ GPS navigator, by providing it with additional information, structured in layers, called “info-layers”. Historical, current and predicted data can be projected over the regular sbNavi™ map, allowing for routing around hazardous areas. Three-day, hourly data sets are presented in 3 color palettes for 6 info-layers: temperature, ozone levels, atmospheric pollution (indices PM10µm and PM2.5µm), UV levels and fire zones for the area of Attica, Greece. The application is user configurable and extensible to more data sources and to global (world) coverage. sbCliMate® ranked 4th in the “T-Systems Big Data” Challenge of the “4th Copernicus Masters 2014” competition.

**WFM** – WorkForce Manager targets to companies and organizations that have groups of mobile workers. There is a web based application that helps the “Organizer” to create efficient routes and assign jobs to the workers, monitor the jobs in real time in the map, and reroute if needed. The mobile application is giving to the workers their schedule for visiting points, in a map, routing for their next visit, information about potential events and hazards. The scope of the application is to increase efficiency of the mobile working force, reduce total kms and so reduce CO2 emissions and traffic jams, improve safety and accountability.

**vidAIR** - vidAIR is an alert services application for asthma, allergies or any other pulmonary conditions which are mostly based on generic readings of temperature and humidity. Asthma is the most common childhood disease. In the US it results, 100 million missed school days and 18 million annual emergency room visits. Europe and Attica region do not fall behind in statistics. The asthma is strong dependency on climatological conditions and pollution metrics. In the era of mobility where adults and children along move about freely either with means of public transport or by private means to address the various aspects of their ever increasingly complex life, so pertinent to the Attica peninsula amplified by very localized increase in pollutants can have devastating effects on asthmatic crises leading even to hospitalization.

