EVENTUS IN WASTE MANAGEMENT

The HUNOR project commissioned by the National Waste Management Directorate of the National Inspectorate for Environment and Nature terminated successfully in May 2014. As a part of this project Fornax developed the Waste Management Base System.
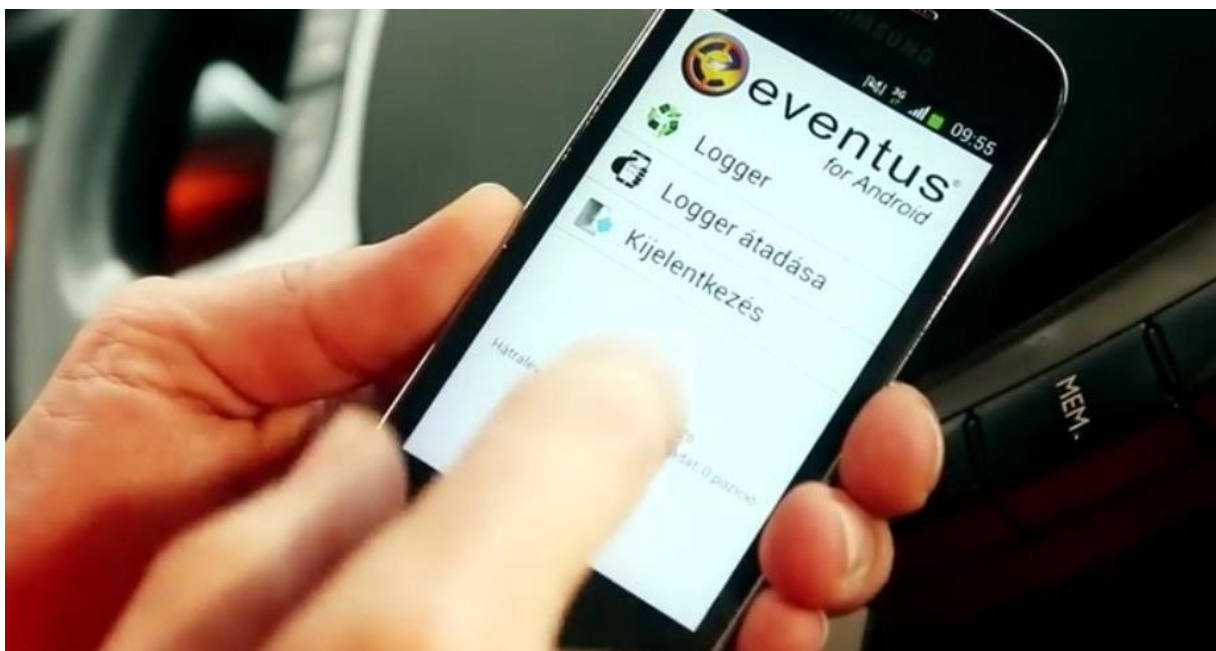
In Hungary approximately 18.5 million tons of waste is produced yearly. It is important to maximize the amount of this waste that can be used, and for the authorities to perform the collection of this waste in the most efficient way possible.

This required state-of-the-art IT support leveraging the newest set of tools of the telecommunication industry, which brought about the EU funded HUNOR project (National Waste Management Navigation System) initiated by the National Waste

Management Directorate of the National Inspectorate for Environment and Nature.

The system that is meant to support the work of the directorate enables operation with a cost efficient IT background in a transparent, uniform and controlled environment regarding the management of selectively collected and reused waste.

As a part of the system the professionals of Fornax also implemented a transport tracking application on the Android mobile platform (designed and developed a so-called logger client mobile application), which enables the tracking of the route and activities of waste collecting vehicles.

Jointly with other partner systems the base system on Eventus foundations contributes to the state-of-the-art and cost efficient IT support of waste management in several ways:

- Medium and long term planning, reviewing and settlement processes
- Strategic decision support based on the available analyses, models and simulations
- Tracking and planning of work flows, review processes
- Providing up-to-date data and analyses from the available data with cutting edge reporting tools
- Map based tracking, with which one can monitor the route of the vehicles collecting waste accurately and in real-time.

With the help of Eventus during the course of the HUNOR project an efficient, fast and secure waste management system and the necessary integrated IT system was created supporting the financial reconciliation and data provisioning tasks of the National Waste Management Directorate of the National Inspectorate for Environment and Nature.

Client: OKTF NHI
Timespan: November 2013. – March 2014.

From January 2017. the tasks related to waste management were reassigned to the Ministry of Agriculture.