ALMANAC

The ALMANAC Smart City Platform provides a comprehensive technological basis for a wide range of Smart City applications and business opportunities.

Focus is on creating sustainable business models based on integration with existing systems, services and stakeholder needs.

Business model: Dynamic Waste Collection

Using a SmartWaste application built on the ALMANAC platform, waste management operators of European Smart Cities can dynamically optimise the route plan for the daily waste collection, taking into account real time information regarding bin fill levels as well as waste issues reported by citizens using their smartphones.

Features demonstrated by ALMANAC

- Creation of issues in real time
- Automatic reporting of fill levels
- Dynamic route re-planning
- On-the-fly optimisation of route plan
- Handheld device use by vehicle operators
- Enabling tracking of issue history

Stakeholders in the value net

The waste management company
- Benefits from lower operating costs

The municipality
- Benefits from cleaner streets and lower costs

The citizens
- Benefit from more accurate collection

The vehicle operator
- Benefits from better structured work plans

Business model: Efficient Water Management

Real time monitoring of water consumption in public buildings with automatic notification services using the ALMANAC SmartWater application can reduce water consumption in European Smart Cities. Consumers also have access to consumption data which creates public awareness of water consumption and promotes water savings.

Features demonstrated by ALMANAC

- View own consumption
- View benchmark
- Publishing consumption reports
- Make consumption data publicly available
- Personalised notifications and alerts
- Emergency notifications

Stakeholders in the value net

The water authority
- Benefits from water delivery efficiency

The water management company
- Benefits from less loss & remote meter readings

The public institutions
- Benefit from lower consumption and costs

The citizens
- Benefit from lower public cost & more precise billing

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