

## PUBLISHABLE SUMMARY

The smartCEM project aims to demonstrate the potential for electrical vehicles (EVs) in urban and interurban context and to encourage the uptake of EVs through a heterogeneous set of mobility services (**EV-navigation, EV-efficient driving, EV-trip management, EV-charging station management and EV-sharing management**). Through the combination of ICT services and EVs, smartCEM intends to achieve the following high-level objectives:

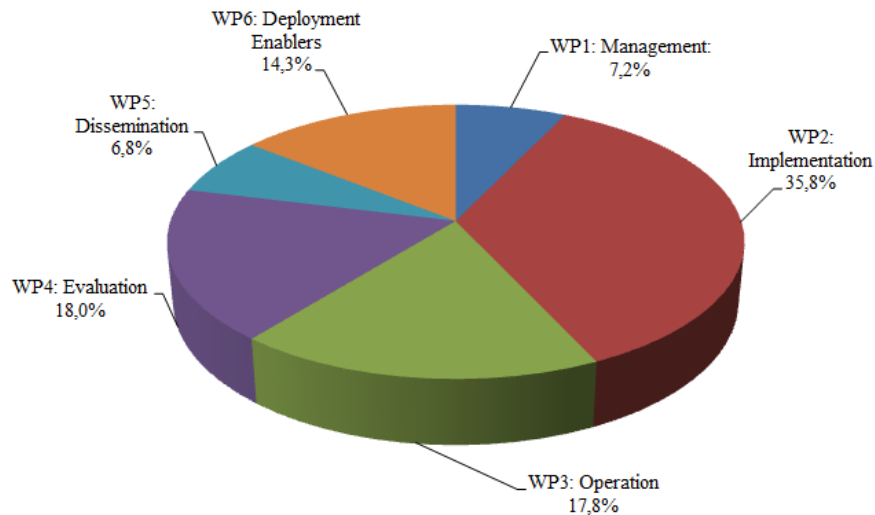
1. **Prove that user acceptance of electric vehicles can be increased by at least 15%** thanks to the piloted services
2. **Evaluate how much transport efficiency can be optimised** when taking into account environmental sustainability and energy source.
3. **Develop tools** for the assessment and evaluation of the impact smartCEM services have on carbon emissions.
4. **Identify opportunities, barriers and address all deployment elements** such as business models, legal aspects, privacy and cost-benefit analysis.
5. **Support pan-European interoperability** through standardisation.
6. Pave the way for wider acceptance of **adopting ElectroMobility in all types of road transport**.
7. Implement a complete **integration of new schemes** like car-sharing within the public transport system.
8. **Inform key stakeholders (cities, EV fleet operators and vehicle manufacturers) about smartCEM services experience**

smartCEM service will be executed in 4 heterogeneous pilot sites with different electric vehicles with different requirements and needs.



**Figure 1** SmartCEM pilot and vehicles

The work has been divided into six work packages running in the four pilot sites, with the work load shown in the graph below. All work packages will be executed during the entire duration of the project with the exception WP2 (implementation), which will be executed during the first half and WP3 (operation) that will be executed during the second half.



**Figure 2** Work Packages distribution

During this second reporting period from January 2013 to December 2014 (12 months) the consortium partners spent the majority of their efforts closing the implementation phase (WP2-Implementation) and preparing the operational stage (WP3) in all pilot sites to ensure a correct data acquisition and service execution.

Also significant progress was achieved in WP4 and WP6 where the evaluation procedure, business cases and tools were implemented. On the other hand dissemination activities were also active in all pilot sites and the cooperation CIP cluster.