



## Monitoring and impact evaluation

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### Introduction

The objective of this WP is to set up and execute an objective method for measurement, monitoring and impact evaluation of the demos within the project. The WP specifies what to measure and how, how to deal with the data gaps, specifies a baseline scenario to benchmark demo and project results. The WP establishes a continuous monitoring process and ensures cross-demo synergies and feeds the collected or computed data to the other parts of the project where primary (real world) data is necessary for useful experimenting and successful development.



### Endeavours

The aim of the workpackage is to monitor the ten different demonstrators in the MAGPIE project and to determine the impact and effects of different technologies and implementations. The different steps (i.e. framework, baseline measurement, impact assessment) provide these insights. The last task is the scale up potential, in which the analyses of transferring results to other ports or larger settings will be analysed.

### Lessons Learned

Scope of the demonstrators is changing from time to time. The nature of the demonstrators, with developing technologies, creates a need for flexibility. Monitoring activities can -to a certain extent- only be carried out once the scope of the demonstrator is defined. Also, timelines of monitoring and impact assessment activities are adjusted to the demonstrators.

### Highlight of ongoing work

With most of the demonstrators ongoing or in the 'final' preparation to start, the monitoring and impact assessment activities really get started. KPIs are gathered and actual numbers start coming in. Example: by shifting to off peak hours, trucks can make up to 66% more trips per day; 5 instead of 3!

