

E-Motion: E-Mobility and Low Carbon Transportation

Annex 11: Monitoring and Evaluation Plan

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Program: E-Mobility Program

Monitoring					
Data/Source	Collection Tool	Frequency	Indicator	Reference	Indicative Budget
Outcome GCF					
Reports AFD based on documents and measurements	Document review	Annual	tCO ₂ reduced	See monitoring manual	See below
Reports AFD based on documents and measurements	Document review	Annual	Energy saved MJ	See monitoring manual	
Project outcome/output					
Municipal transport authority	Key informant interviews	Annual	Number of roadmaps realized		
Reports AFD	Document review	Annual	Number of workshops / training / CB events realized		
Municipal transport authority	Key informant interviews and document review	Annual	Cities where e-bus deployment has been linked with PT improvements		
Transport operator reports	Inventory	Annual	e-bus systems deployed		
Co-Benefits					
Reports AFD based on documents and measurements	Document review	Annual	a). tPM _{2.5} reduced b). tNO _x reduced	See monitoring manual	
Transport operator reports	Ticketing system	Annual	PT passenger numbers		

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Reports AFD based on documents and measurements	Field observation visits	Annual	Number of physical assets made more resilient to climate variability and change		
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GHG, PM2.5, NOx and Energy saved all require the same data collection.

Except data collection and analysis no specific surveys are required as the data is collected by the PT operator.

Monitoring Costs In Euro (see also A4 Budget in PMU)

	Y1	Y2	Y3	Y4	Y5	Y6	Y7	Total
Consultant	47,097	47,097	47,097	47,097	47,097	47,097	47,097	329,680
Staff cost	46,670	46,670	46,670	46,670	46,670	46,670	46,670	326,689

	Y1	Y2	Y3	Y4	Y5	Total
Consultants	65,936	65,936	65,936	65,936	65,936	329,680
Staff Cost	65,338	65,338	65,338	65,338	65,338	326,689