

## Mobility Solution: IX3 Piloting in: Greater Paris and Helsinki

### Introduction

Everyone hates stopping and waiting in red lights, especially when no one else is moving either. IX3 is an auxiliary optimising system for traffic light management, which simply reduces unnecessary stopping and waiting in red lights. Reducing the amount of stopping and re-accelerating a vehicle in traffic has a surprisingly large impact on emissions. The tests and piloting have proven that city-wide adoption of the IX3-system has a 4-8% reduction impact on traffic related emissions.

The system combines real-time machine vision sensing to traffic light controllers and thus enables optimising traffic management logic. With a more precise understanding of the traffic situation, traffic lights can be used more efficiently to increase traffic flows and simultaneously reduce emissions. The system has been developed in collaboration with machine vision expert MarshallAI and Dynniq who has decades long experience in traffic management.

### IX3 & AI4Cities

The AI4Cities-project has provided an excellent framework for continuing R&D over an innovative traffic management product while also giving access to representatives of partner cities. The IX3-consortium has high hopes for the project and aims to optimize traffic all over Europe. The commercial structure of the solution is based on licence fees for the software. The target market is primarily the EU and secondarily the rest of the world. The key customers are the European cities with very ambitious carbon neutrality goals and ever growing traffic amounts.

#### Consortium

MarshallAI  
[www.marshallai.com](http://www.marshallai.com)



Dynniq  
[www.dynniq.com](http://www.dynniq.com)

The logo for Dynniq, featuring the word "dynniq" in a lowercase, sans-serif font with a red dot over the 'y'.

Contact:  
[arttu@marshallai.com](mailto:arttu@marshallai.com)


# AI4CITIES



## ABOUT AI4Cities

The AI4Cities project is using AI to make Europe's cities more sustainable. Helsinki, Amsterdam, Copenhagen, Greater Paris, Stavanger and Tallinn are going through a Pre-Commercial Procurement (PCP) to find solutions to make their mobility and energy domains more carbon neutral.

## CONTACT

-  <https://ai4cities.eu>
-  [https://twitter.com/AI4cities\\_EU](https://twitter.com/AI4cities_EU)
-  <https://www.linkedin.com/in/ai4cities>
-  [info@ai4cities.eu](mailto:info@ai4cities.eu)



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 871914. The sole responsibility for any error or omissions lies with the editor. The content does not necessarily reflect the opinion of the European Commission. The European Commission is also not responsible for any use that may be made of the information contained herein.