



Manchester

Stavanger

Eindhoven


triangulum

DEMONSTRATE · DISSEMINATE · REPLICATE

Welcome to our Triangulum Final Conference

European flagship project for the
Smart City transformation and acceleration

Stavanger, 23th September 2019



This project has received funding from the European Union's
Horizon 2020 Research and Innovation Program
under Grant Agreement No 646578

Kick-off Event: Manchester February 2015



Key to Success: Consortium & Collaboration

Lead: Fraunhofer
and support-team



Manchester



Eindhoven



Stavanger



Replication/
Follower Cities

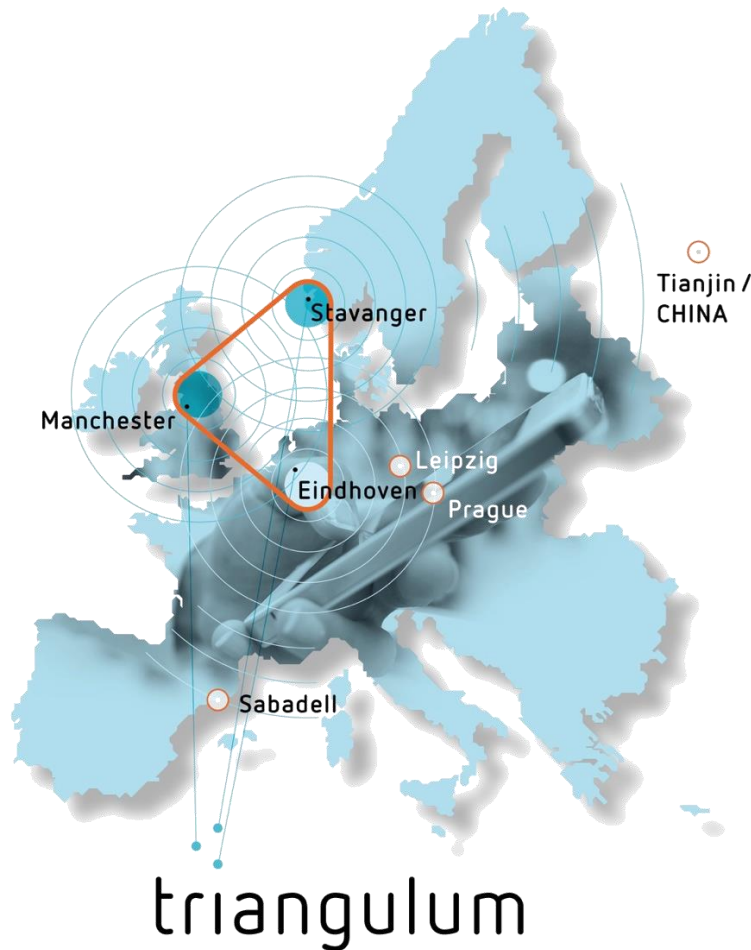


Stadt Leipzig



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Triangulum: European Smart City Flagship Project



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- ✓ Energy
- ✓ Mobility
- ✓ ICT



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Key to Success: Excellent Teamwork



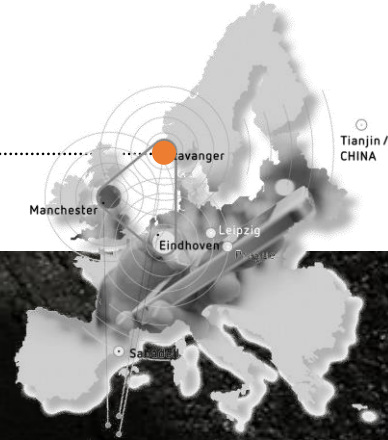
Stavanger, Norway



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Stavanger, Norway

- **Central Energy Plant**



Source: Triangulum Project

Stavanger, Norway

■ Electric battery buses

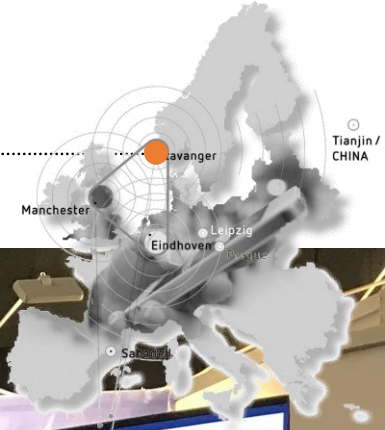


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Source: Triangulum Norway

Stavanger, Norway

Nordic Edge Expo: Multitouch tool



Eindhoven, Netherlands



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Eindhoven, Netherlands



■ Renovation tool



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Eindhoven, Netherlands

Strip – J: Smart Lighting Route



Source: Triangulum Project

Manchester, United Kingdom



Manchester, United Kingdom

- **Cargo bikes**



Source: Triangulum Project

Manchester, United Kingdom



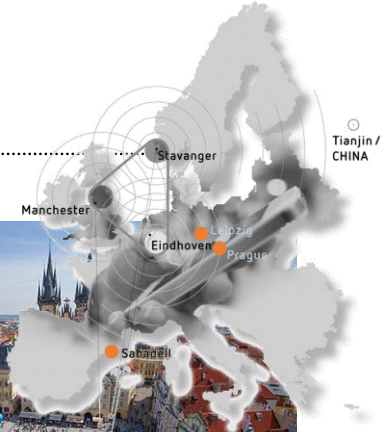
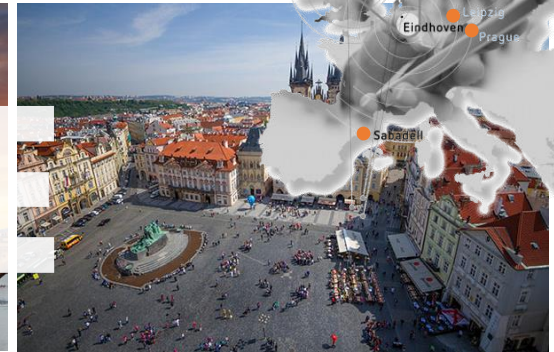
- **MMU Public Building Energy Project of the Year 2018**



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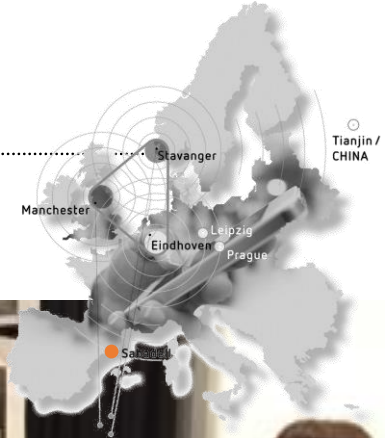
Source: Triangulum Project

Follower Cities

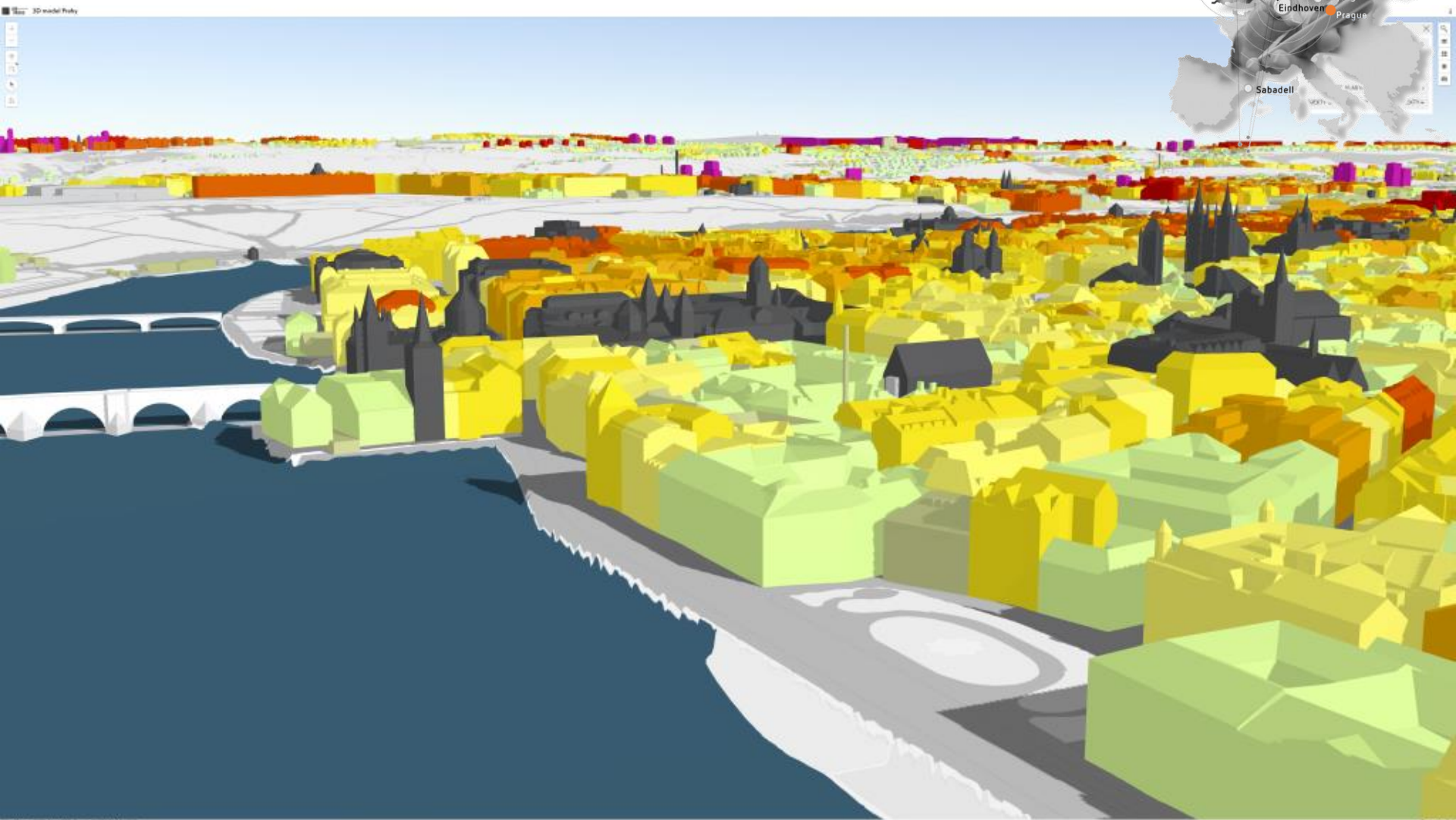


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Follower Cities: Sabadell



Follower Cities: Prague

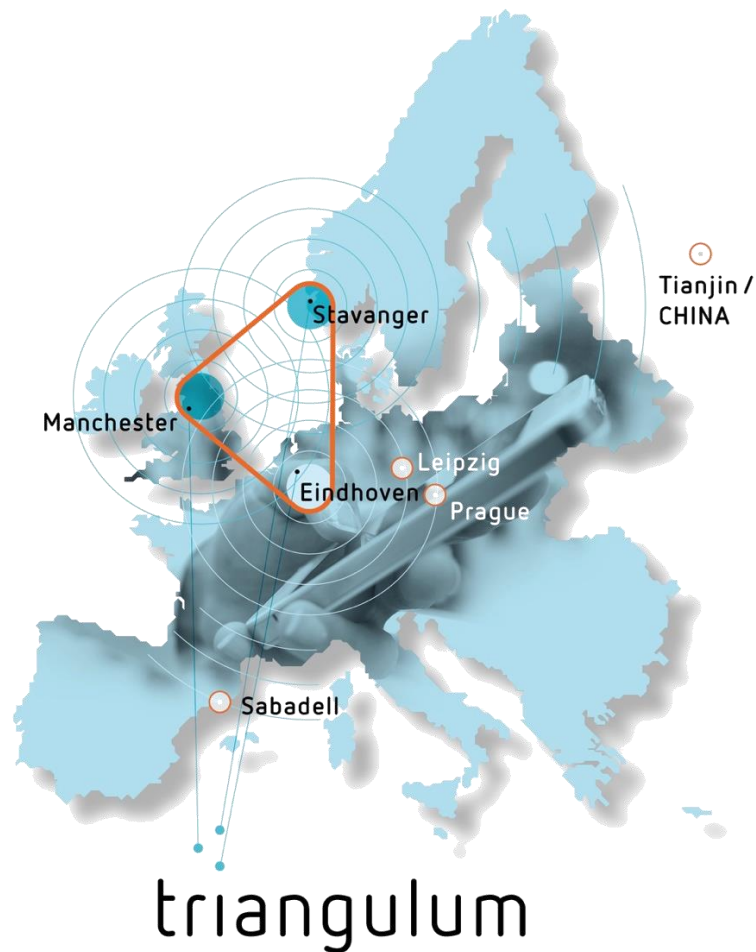


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Follower Cities: Leipzig



Triangulum: European Smart City Flagship Project



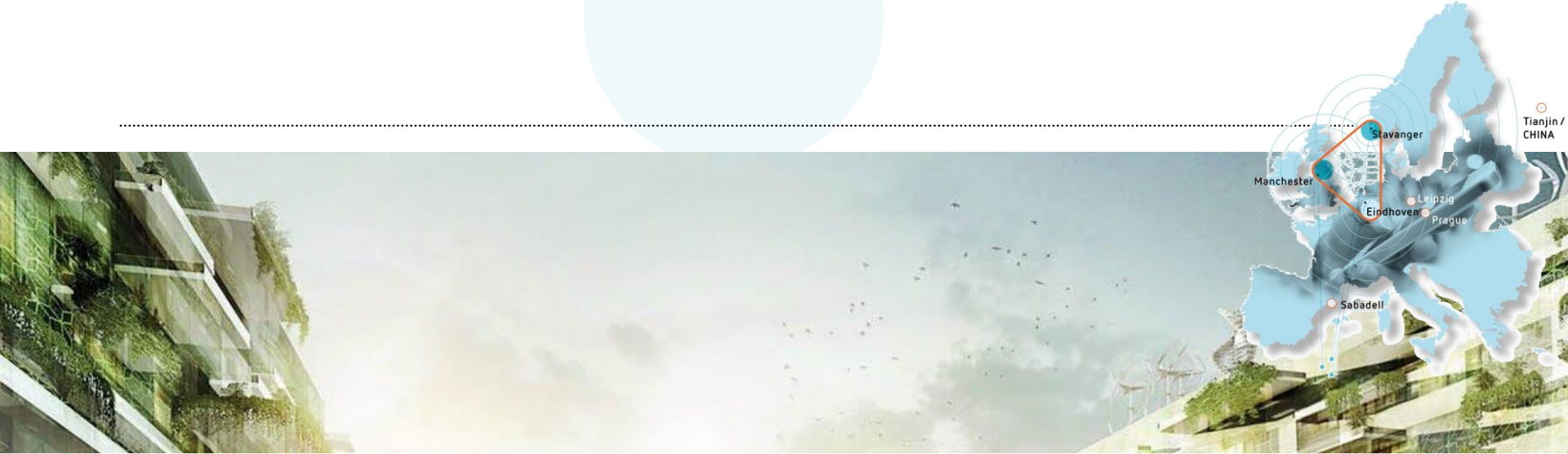
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How do you want to start or keep changing your cities?



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