



THE SCIPPER PROJECT



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement Nr.814893

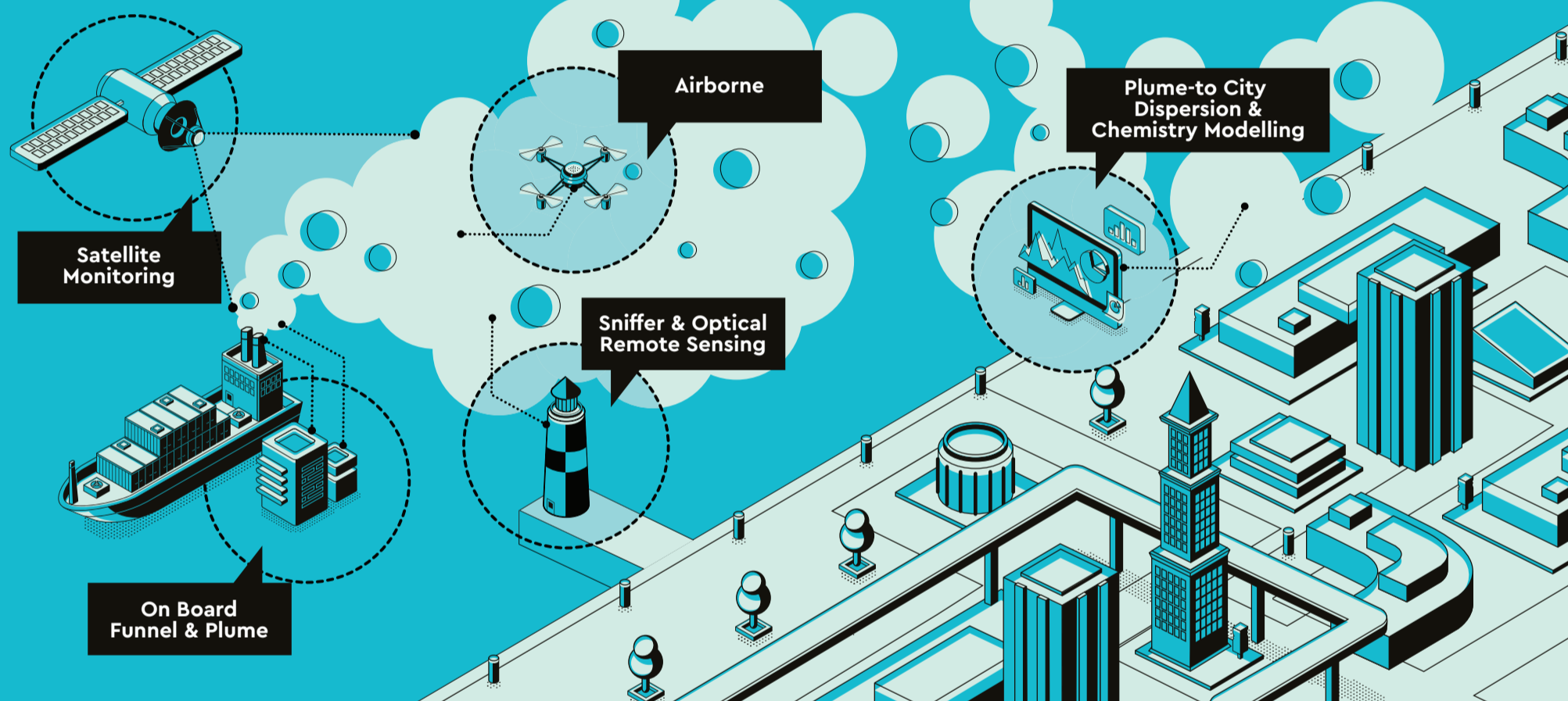
Shipping Contributions to Inland Pollution Push for the Enforcement of Regulations

OVERVIEW - THE SCIPPER PROJECT:

- Provides evidence on the performance and capacity of different techniques for shipping emissions monitoring and regulations' enforcement,
- Assesses the impacts of shipping emissions on air quality, under different regulatory enforcement scenarios.

Implements

Shipping emissions measurement campaigns using various techniques, including, on-board sensors, sniffers, optical remote techniques, Unmanned Aerial Systems (UAS), satellite systems and plume to city dispersion and chemistry modelling.



Experimental Campaigns

- C1** **Marseille (FR)** Pre global Sulphur standards comparison of remote monitoring and UAS
- C2** **Gothenburg (SE) to Kiel (DE)** Use of on-board sensors, various remote sensing systems, UAS on single ship in actual service
- C3** **Hamburg (DE)** Use of remote sensing systems, sniffers, UAS, satellite at the port on several passing-by ships
- C4** **Marseille (FR)** Post global Sulphur standards plume dispersion and chemical transformation, use of sniffers, UAS and on-board sensors
- C5** **Western English Channel (EN)** Use of sniffers, UAS, and satellite imaging on several passing-by ships

Project Fiche

Call: 2018–2020 on Mobility for Growth

Section: 1- Building a low-carbon, climate resilient future: Low-carbon and sustainable transport

Topic: LC-MG-1-1-2018: InCo flagship on reduction of transport impact on air quality

Duration: 36 months (Start date: May 1, 2019)

Budget: €5.060.306,75

Coordinator: Aristotle University of Thessaloniki
Total Beneficiaries: 17 + 1 International partner

Consortium

