



Local Governments
for Sustainability

EcoLogistics

Low carbon freight for sustainable cities

EcoLogistics LCAP-UF guidebook

26 October 2021

Himanshu Raj
ICLEI WS

Supported by:



Federal Ministry
for the Environment, Nature Conservation
and Nuclear Safety

based on a decision of the German Bundestag



Smart Freight
Centre



Why is this guidebook needed?



The number of delivery vehicles in the top 100 cities globally will increase by **36 percent until 2030**.

Emissions from delivery traffic will increase by **32 percent** and congestion will rise by over **21 percent**

More local and regional governments should include freight as a critical component in their climate action plans.



What is LCAP-UF?

Explicit long-term freight goals for an efficient and optimized urban freight movement with a strong focus on emission reduction, while addressing local specific issues like **air quality, road safety, traffic congestion, economy.**

It is an **iterative plan** with short, medium, and long term targets and associated set of **actions**/measures. It is also **flexible** to adapt to political changes and **local priorities.**



Why develop an LCAP-UF?



A Freight Action Plan aims to **minimize the impact** from negative externalities caused by freight movement: including traffic congestion, GHG emissions, air pollution, noise pollution, traffic accidents and associated safety concerns, and land-use severance.

LCAP-UF will **provide a roadmap to authorities** in enhancing the freight movement and operations with a **low carbon** approach aiming to reduce GHG emissions.



Benefits of developing an LCAP-UF



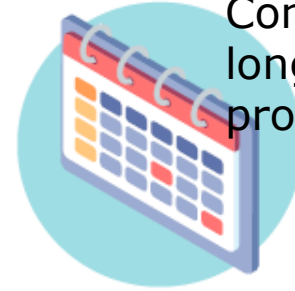
Vision for sustainable freight



Engage with multiple stakeholders



Improve understanding of freight



Contribute to long term process



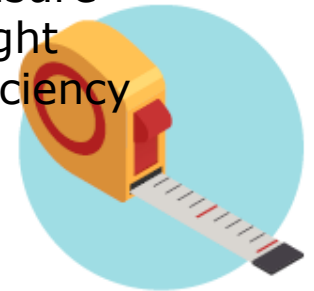
Accommodate increasing demand and maintain efficiency



Reducing negative externalities



Integrate freight into urban planning



Measure freight efficiency

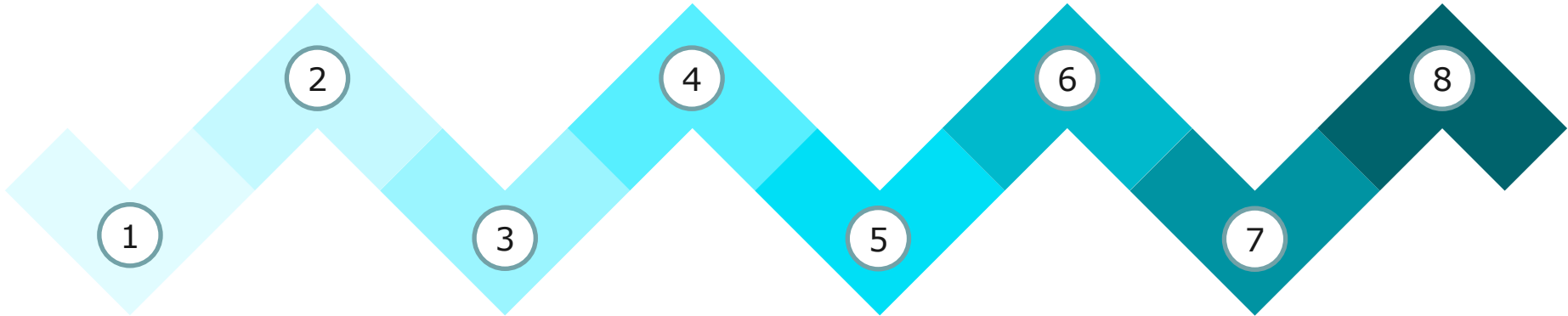
How to develop an LCAP-UF?

Defining Low
Carbon Target
Scenarios

Defining Vision
& Goals

Implementation &
stakeholder roles

Adoption of
LCAP-UF



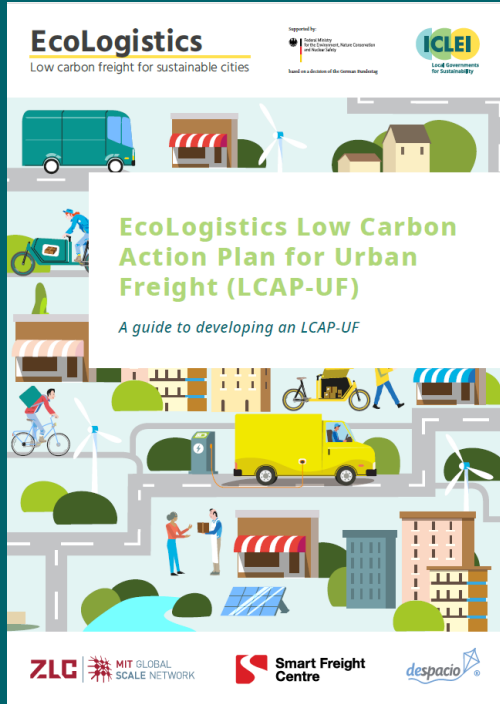
Baseline
Setting

Stakeholder
analysis &
engagement

Defining Actions &
demonstration
project

Defining KPIs

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<https://sustainablemobility.iclei.org/ecologistics/lcap-uf-guidebook/>





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