

# Education of mobility managers – S@mpler training materials

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**TECHNISCHE  
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# S@mpler – Integrated Education Based on Sustainable Urban Mobility Projects

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## Objectives:

- To increase in teaching proficiency regarding sustainable urban mobility planning
- To reflect the principles of Sustainable Urban Mobility Plans (SUMPs) with enhanced skills matching challenges of modern societies
- To strengthen project-based approach in mobility teaching by providing carefully selected best practices.



# S@mpler – Integrated Education Based on Sustainable Urban Mobility Projects

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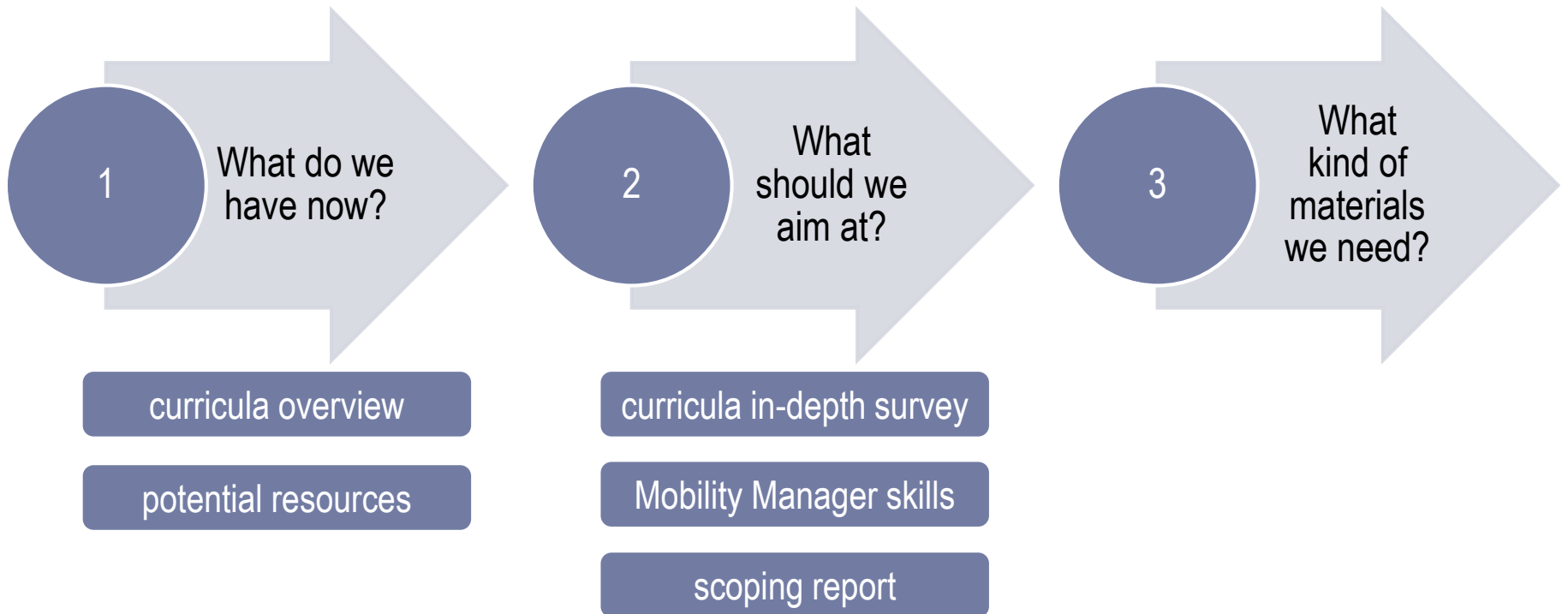
## Outputs:

- Review of existing teaching practice regarding sustainable urban mobility focusing on the practical skills
- Identification of available resources to be used in development of the new teaching materials
- Website hosting new teaching resources
- Evaluation of the new content applicability for students and teachers.



# Project approach

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# In-depth survey of the curricula

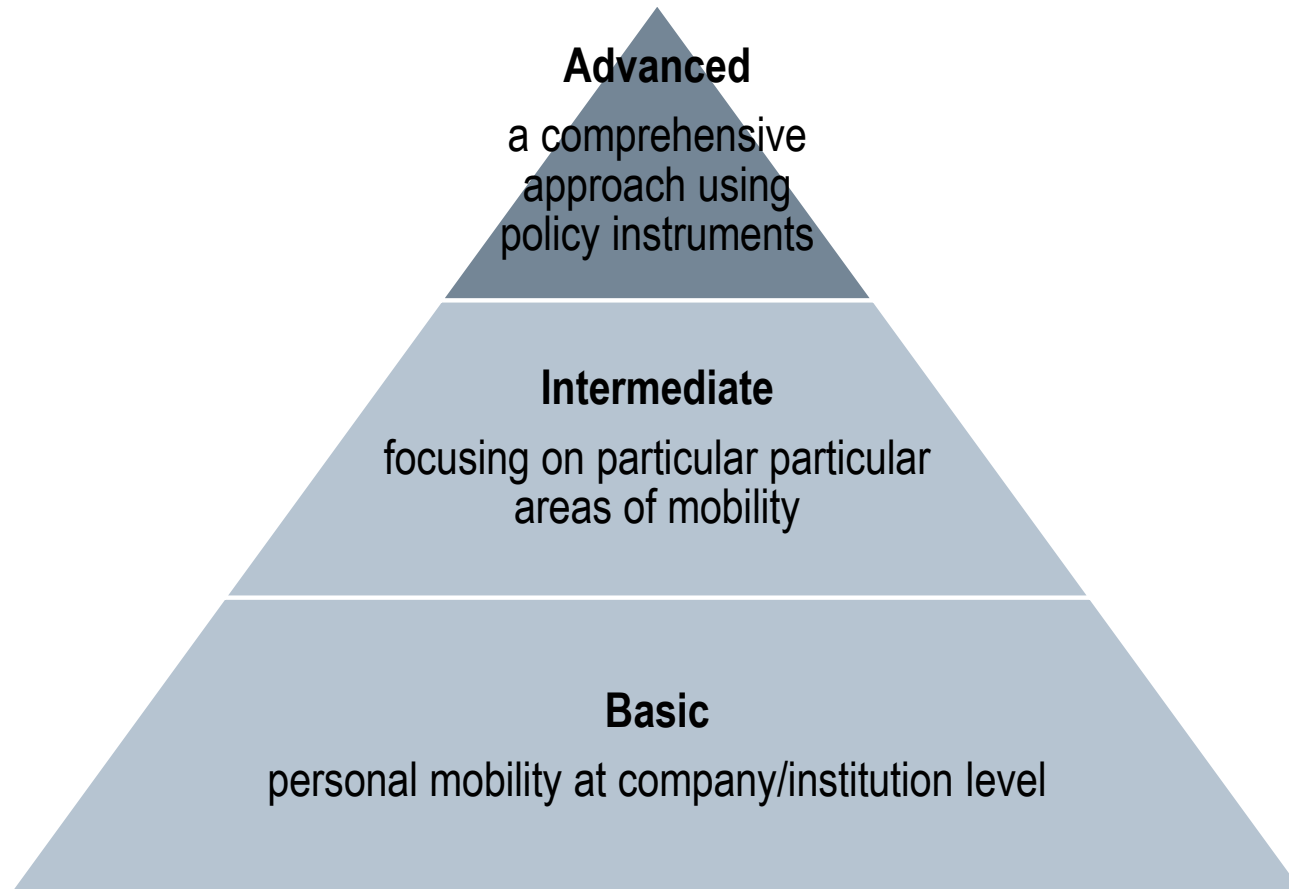
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- It was the basis for the scoping report that described the gaps and opportunities in education toward strategic sustainable urban mobility planning
- The survey verified the plans of studies at three involved universities as well as the University of Munich for a comparison
- The scoping report was built around the definition of Mobility Manager as the main prospective target group for teaching

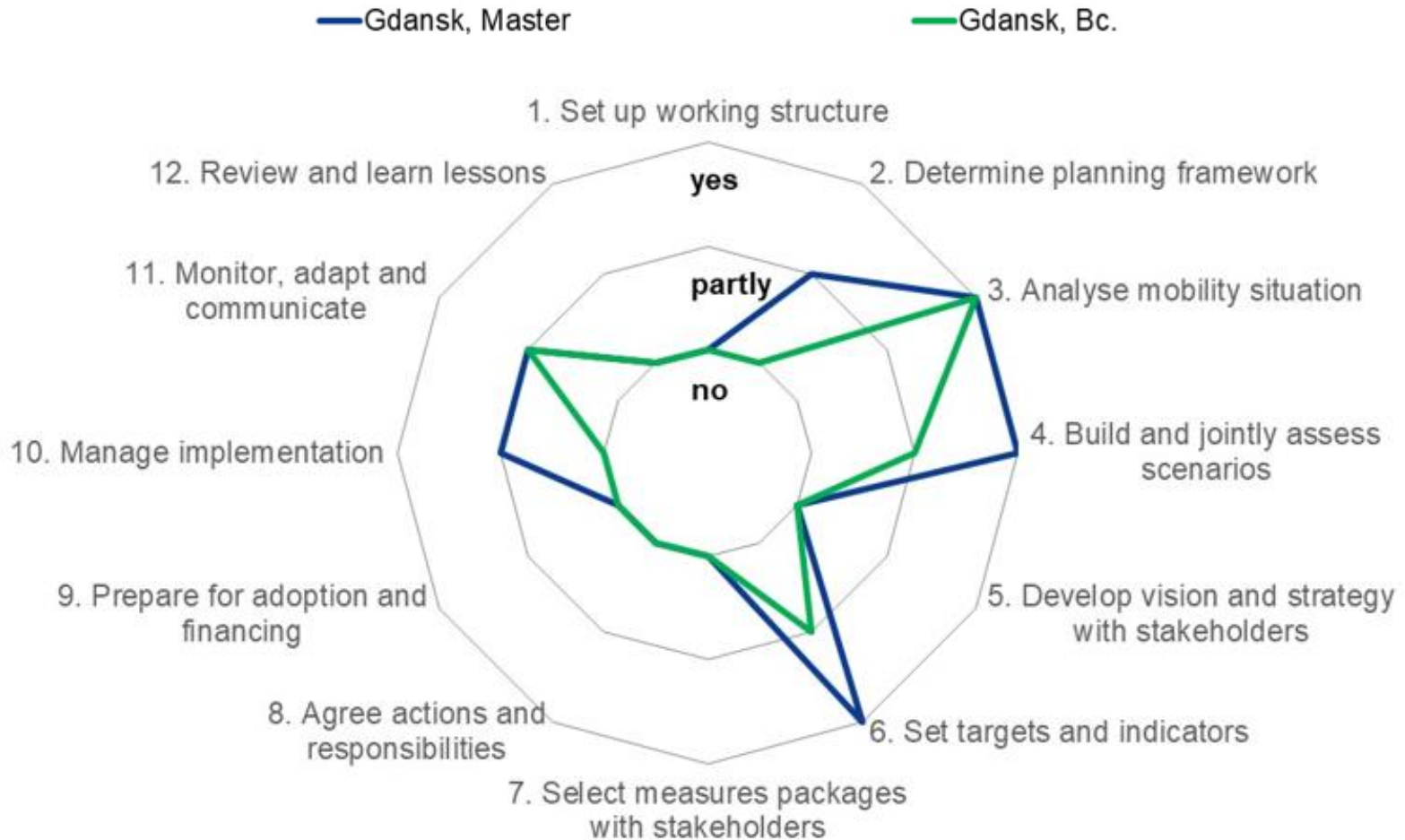


# Three levels of Mobility Manager skills

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# Example of survey results from the scoping report





# General overview of resources structure

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- It was decided to focus on the teaching areas that prevail in the involved universities, while searching for the possibility to fill gaps identified with a scoping report.
- Each developed item has been categorised according to the matching phase of the sustainable urban mobility planning cycle.
- While most of the materials might be matched with several SUMP phases due to their content, this simplification is useful for providing an overview of the results of the project.



# What kind on materials were finally developed

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- PowerPoint and video lectures on detailed SUMP topics
- Teaching Material Guidance forms – selected resources (i.e case study, report, research paper, etc.) with a short problem - oriented guidance for students, explaining relevancy of this resource for urban mobility planning

# What is available

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- 166 various teaching materials:
  - 5 videos
  - 49 presentations
  - 112 teaching material guidances
- The materials are in English or in some cases bilingual.



# Project website

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<https://sampler-erasmus.eu>

## 1. SETTING-UP WORKING STRUCTURE

EXPAND

1.1 evaluate capacities and resources

EXPAND

1.2 create inter-departmental core team

EXPAND

1.3 ensure politician and institutional ownership

EXPAND

1.4 plan stakeholder and citizen involvement

EXPAND

## 2. DETERMINING PLANING FRAMEWORK

EXPAND

## 3. ANALYSING MOBILITY SITUATION

EXPAND

## 4. BUILDING AND JOINTLY ASSESSING SCENARIOS

EXPAND

## 5. DEVELOPING VISION AND STRATEGY WITH STAKEHOLDERS

EXPAND

# Examples of the content – lectures

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- Alternative micro mobility
- Induced traffic
- Transportation policy – forecasts and scenarios
- Transportation policy – sustainable development
- Shaping Future Transport Systems: Transport planning – What does it mean
- Shaping Future Transport Systems: Visions and Goals in Transport Systems



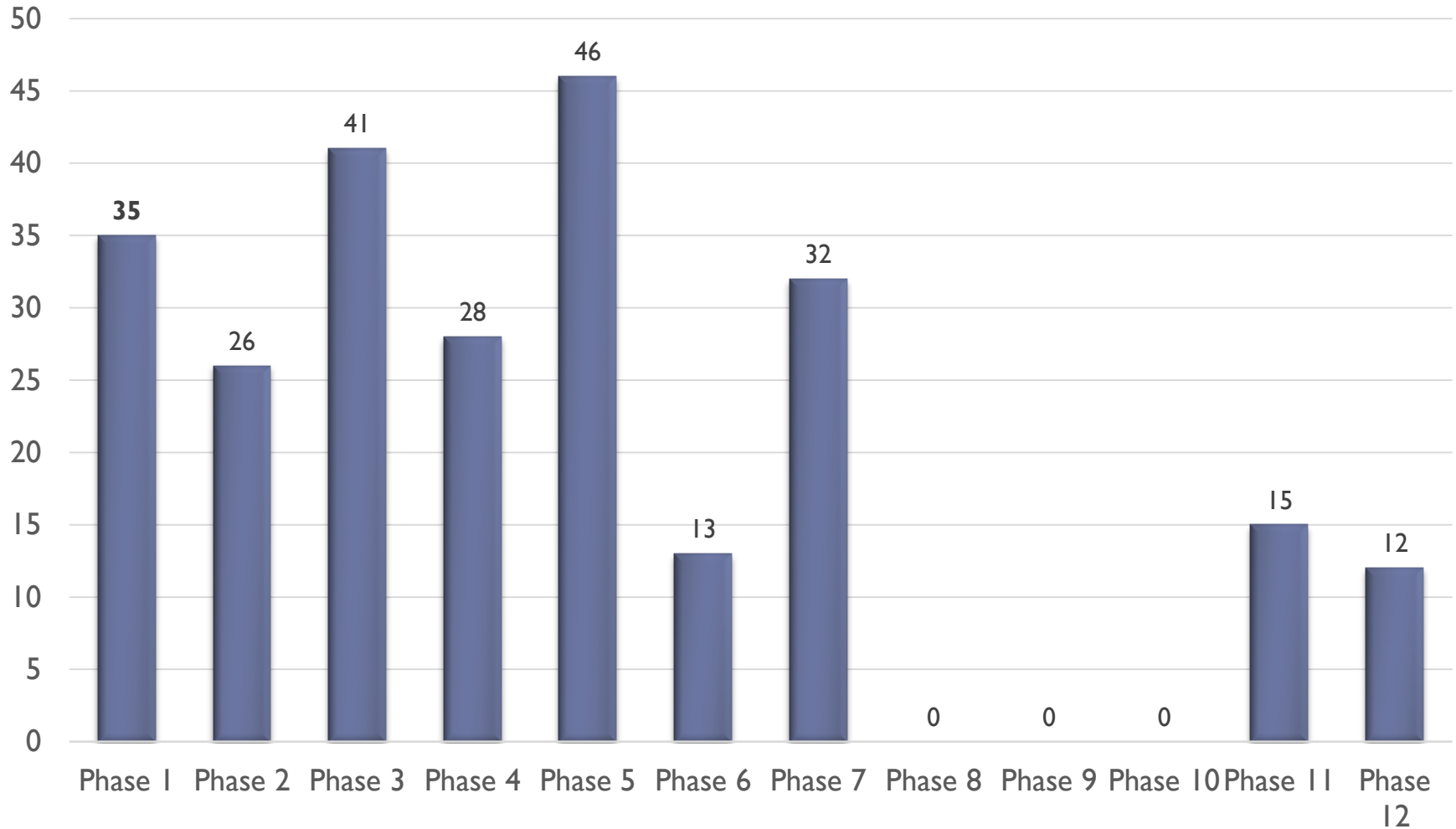
# Examples of the content – teaching materials guidance forms

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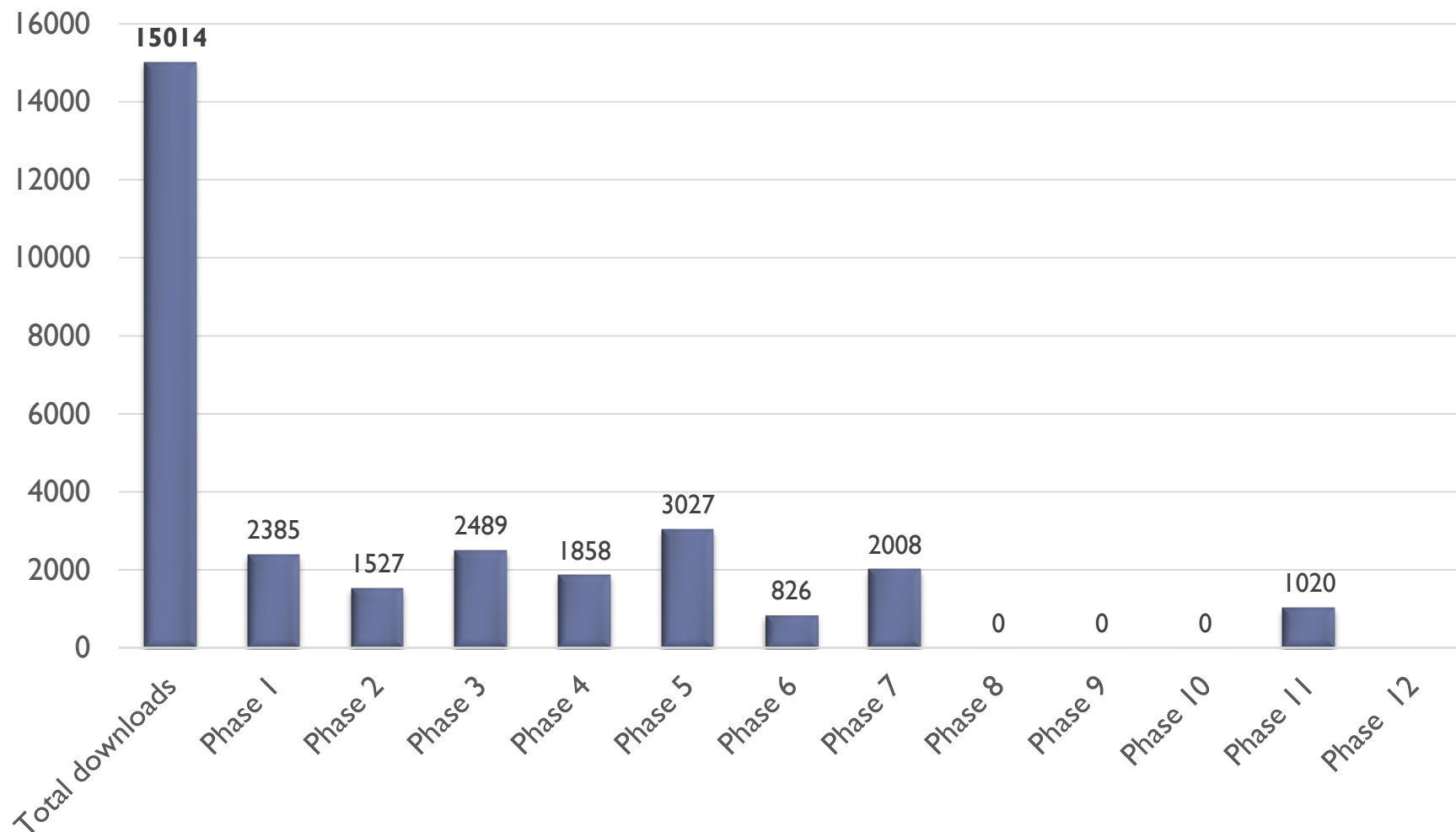
- Integration of shared mobility approaches in Sustainable Urban Mobility Planning
- Sustainable Urban Mobility Planning in smaller cities and towns
- Planning of cargo bike hubs. A guide for municipalities and industry for the planning of transshipment hubs
- Manual on the integration of measures and measure packages in a SUMP - INNOVATE for advanced cities
- Urban Technology Research Programme LEFV-LOGIC: Research on light electric freight vehicles



# Statistics on materials covergae



# Statistics on materials downloads





# Thank you for your attention

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