

NextHyLights

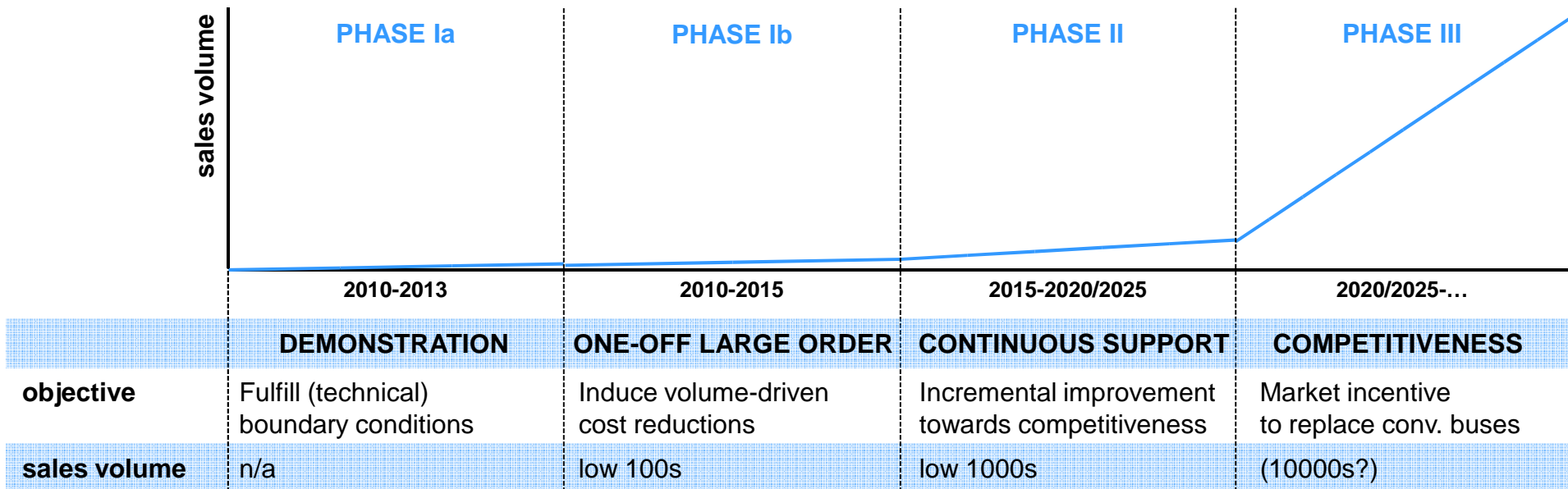
**Supporting Action to Prepare Large-Scale
Hydrogen Vehicle Demonstration in Europe**

NEXTHYLIGHTS

WP7 – Policy support for hydrogen buses

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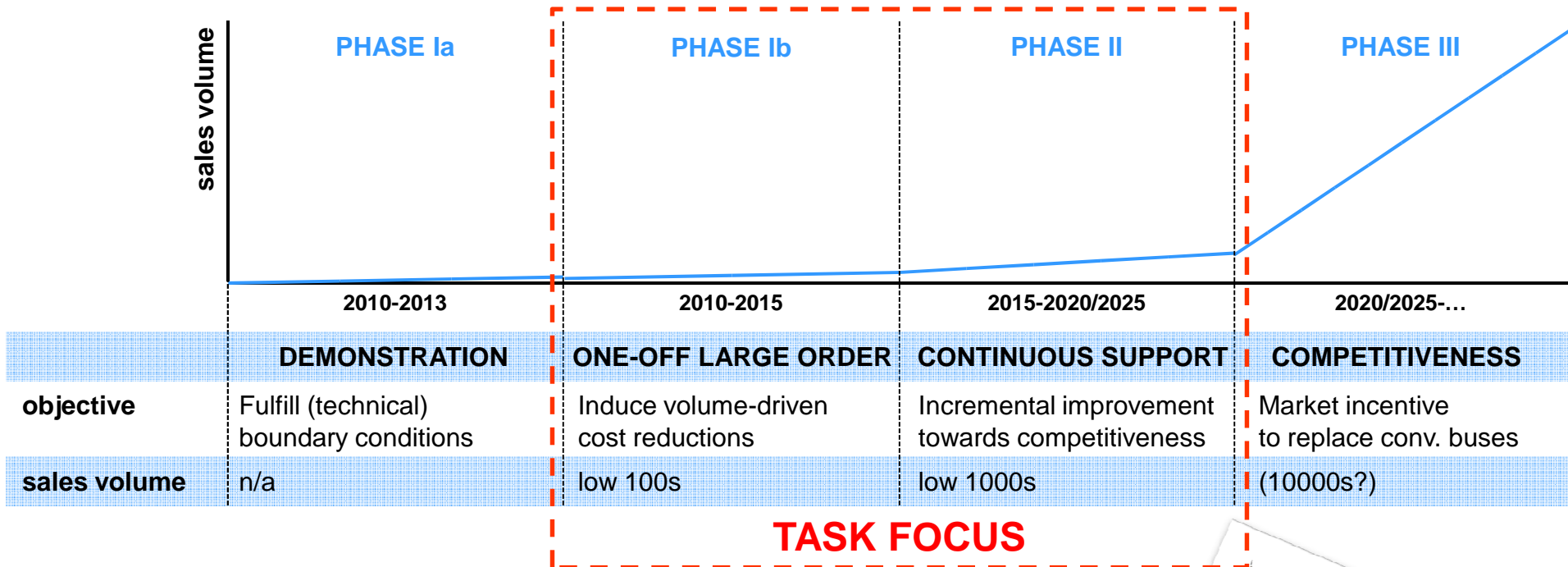
- **Goal:** inform about policy support options for hydrogen buses
- **Background:** rollout scenario as defined by EE



- **Approach** is desk research & questionnaire to five cities: Bolzano, Hamburg, Oslo, Amsterdam, Barcelona



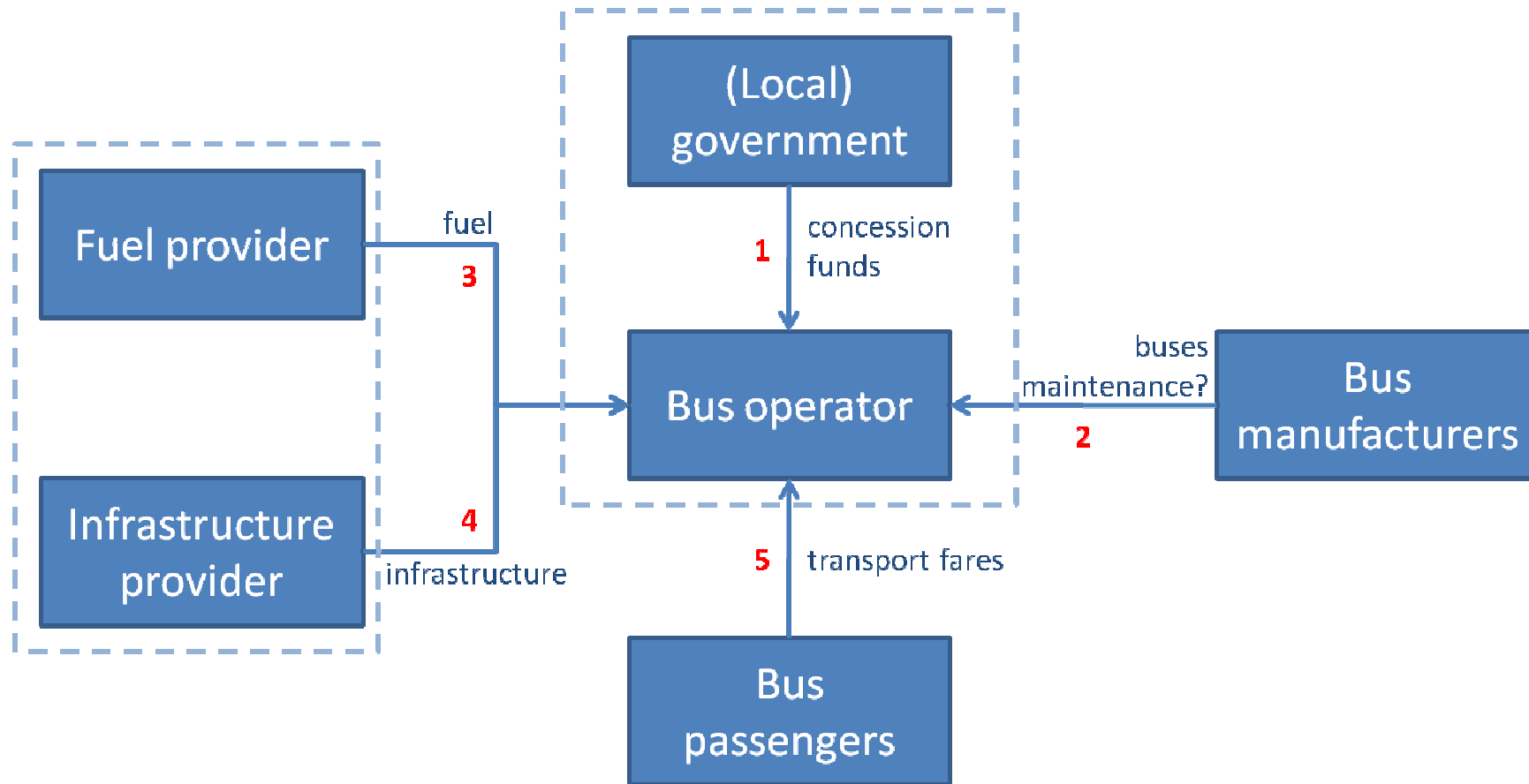
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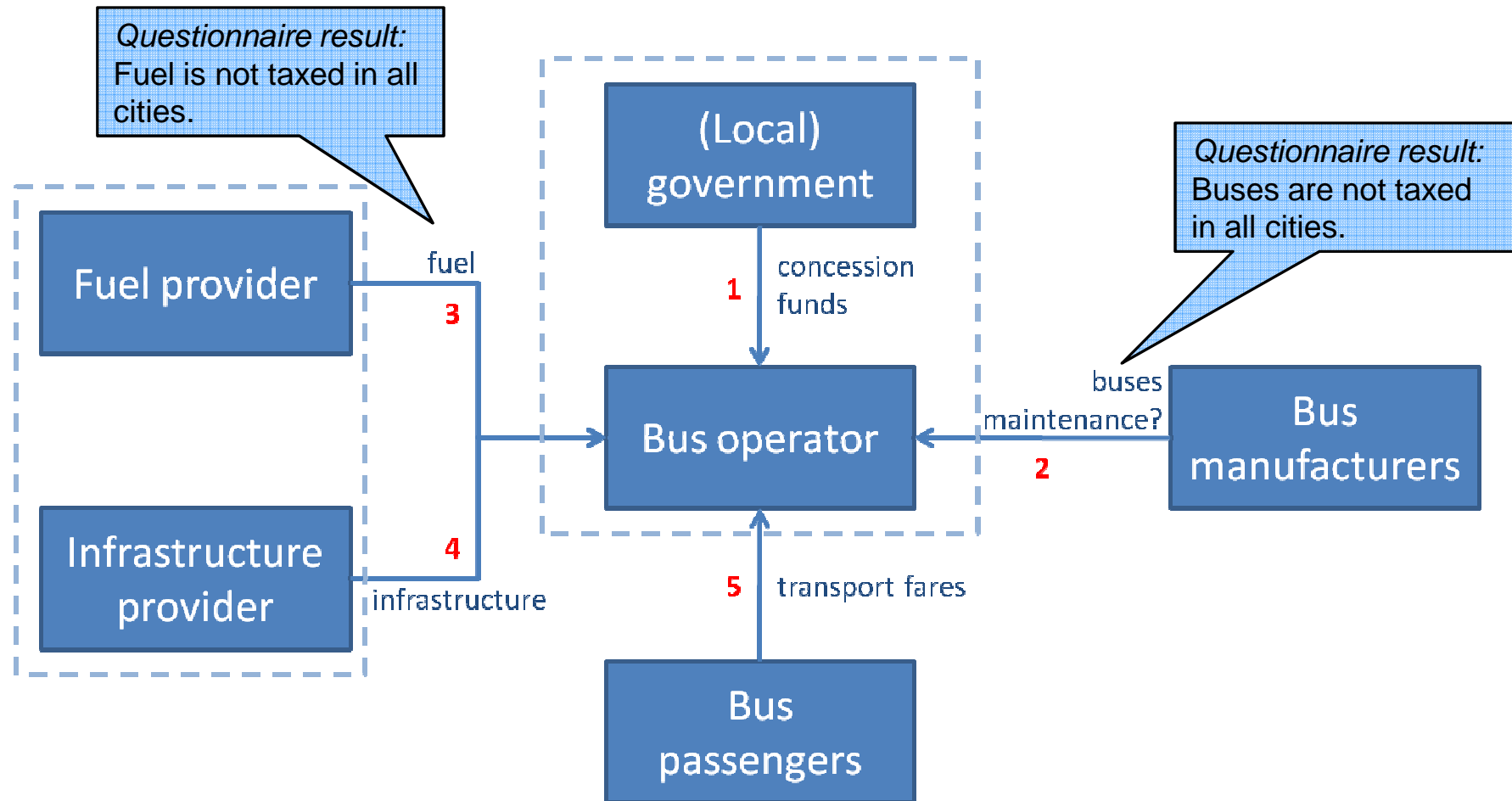


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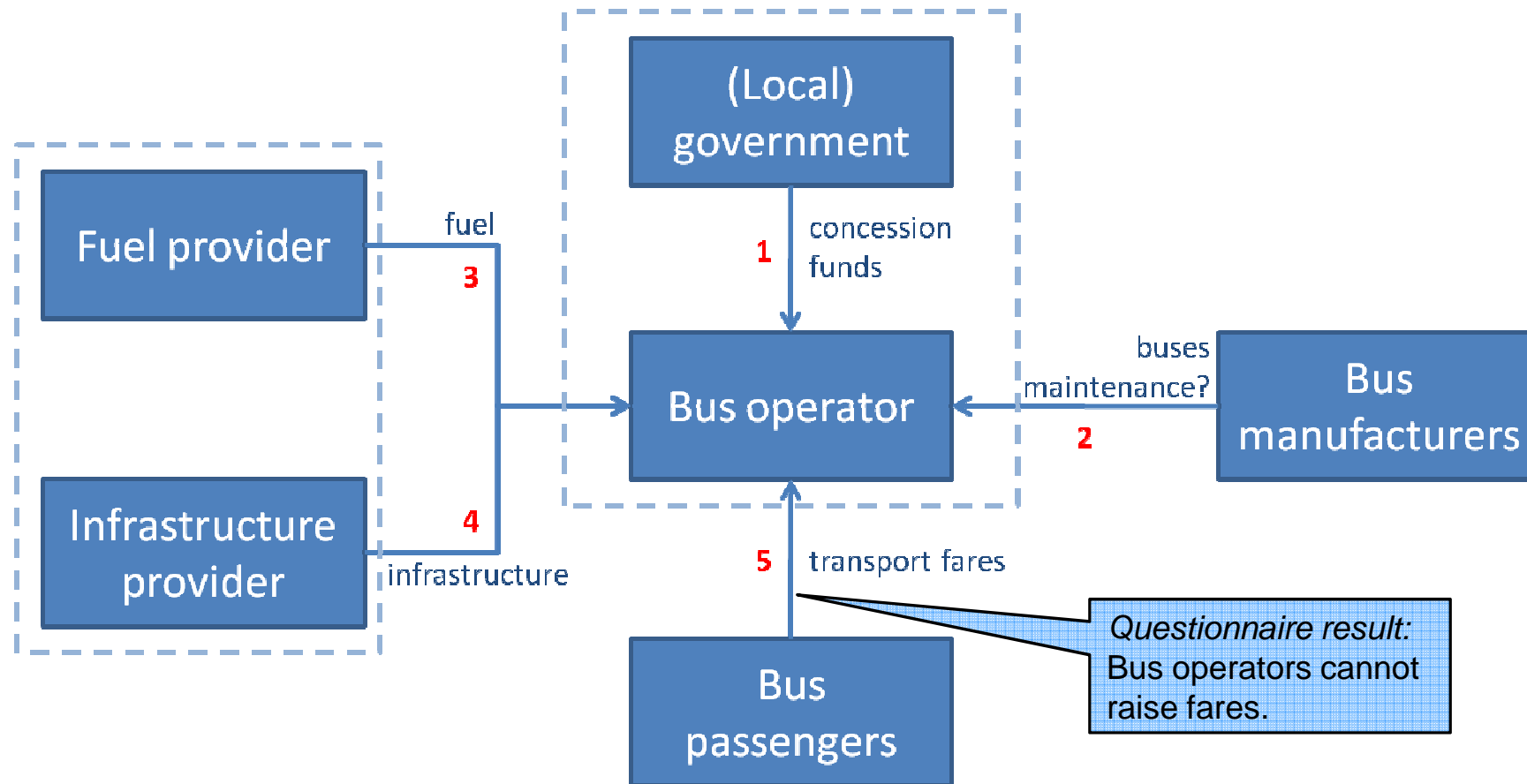


Bus operator relationships define policy options





- There are some local differences with respect to support options



- **Additional costs for hydrogen buses cannot be charged to bus passengers**
 - Key difference with passenger car segment

PHASE Ib – One-off large order

- Large volumes create cost advantages
- Cooperation between a few first-movers (cities)

Policy options:

- » Pooling of local and national funding (cf. ERA-NET+)
- » Soft loans – Governments take part of the investment risk

PHASE II – Continuous support

- Support will take place solely on a local and national level

Policy options:

- » Tax exemptions if possible => shift burden from local to national level
- » Coverage of additional costs through subsidies
- » Possibly: Recover (part of) costs through congestion charging scheme