

**SPUTNIC – First Working Groups meeting,
29-30 March, Barcelona**

Equipment and Operational Aspects Questionnaire

***Please complete and return to Thomas Brandt (Thomas.Brandt@de.tuv.com)
by 23 March 2007***

1) General questions

Name of expert:

City, Country:

Number of inhabitants in your city:

Do you represent:

- authority
- PT operator
- others

Do you execute public service contracts:

- Yes
- On which basis (net, gross)
- Other type than PSC
- No

What kind of public city transport can be found in the city you are coming from:

- bus
propulsion: diesel / trolley / gas /
- metro
- suburban rail
- other

Size of the PT-operator of your city :

- length of network
 - bus km
 - trolley bus km
 - tram km
 - metro km
 - suburban rail km

2) Benchmarks about rolling stock

- number of vehicles (total)
 - bus/..... (articulated/non-articulated)
 - tram
 - metro
 - suburban rail
- average age and maximum age of vehicles
 - bus/..... (average age / maximum age)
 - tram/..... (average age / maximum age)
 - metro/..... (average age / maximum age)
 - suburban rail/..... (average age / maximum age)
- average vehicle-km per year
 - buskm
 - tramkm
 - metrokm
 - suburban railkm
- Are the vehicle fleets more
 - homogeneous?
 - inhomogeneous?
- If “inhomogeneous”, what are the main reasons?
 - bus
 - tram
 - metro
 - suburban rail
- average percentage of low-floor
 - bus %
 - tram %
 - metro %
 - suburban rail %

3) Maintenance of rolling stock

- How many % of the rolling stock does your PT operator calculate for maintenance reserve and
- how many % are out of order because they have to be repaired)?
 - bus/.....%
 - tram/.....%
 - metro/.....%
 - suburban rail/.....%

- How many maintenance facilities / workshops do exist in your town?
 - bus
 - tram
 - metro
 - suburban rail
- How many people are employed in the workshops for maintenance?
 - bus
 - tram
 - metro
 - suburban rail
- Is there a discussion in your town between upgrading / renewal of rolling stock versus buying new vehicles?

Yes No
- Is there an investment strategy / policy in place to replace old vehicle fleets?

Yes No
- Does your PT operator manufacture spare parts in its own workshops ?
How many people are employed with it?
 - bus
 - tram
 - metro
 - suburban rail
- Do you expect in the future...
 - more maintenance staff
 - less maintenance staff
 - outsourcing
 - the same as today

please tell us why
- Was / Is there a strategy to reduce maintenance staff / to outsource the maintenance?

Yes No
- Was / Is there a strategy to outsource processes and to whom (f.ex. to a vehicle producer)?

Yes No

.....

4) Infrastructure

- Who is in charge of maintenance / investment of the PT infrastructure in your town?

- PT operator
 authority
 others

- How would you describe the standard of maintenance of the PT infrastructure in your town?

	poor		acceptable		good
bus	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
tram	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
metro	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
suburban rail	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

- Is there an investment strategy / policy in place to refurbish / to upgrade the infrastructure?

- Yes No

- Are/is there dedicated lanes / infrastructure / PT prioritisation in your town ?

- Yes What kind ?
 No

5) Final questions

- How is the acceptance of the PT in your town?

	poor		acceptable		good
by the citizens	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
by the politicians	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

- If there is a concern about the PT in your town, what do you think will be the main reason for it ?

(in the field of rolling stock).....

(in the field of infrastructure)

- Imagine: You are an expert in a city half as big as yours: Which aspects will become more important and why?

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- Imagine: You are an expert in a city twice as big as yours: Which aspects will become more important and why?

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