# Annex 4: Qualitative Questionnaires

# Questionnaires for the Managing Authorities

MA - European Commission Directorate-General for Regional and Urban Policy: Assessment of unit cost

Q1 Targeted Survey for Managing Authority This questionnaire is directed to Managing Authority. Given the variety of stakeholder roles, interests and responsibilities involved in the survey, some questions might result not suitable for your role. Please feel free to answer only to the questions which are most relevant to you. Structure of the survey: The questionnaire is divided into the following sections: - Identification of respondent- Planning of rail infrastructure projects - External factors influencing final rail infrastructure project costs - Future investments in the rail infrastructure

Q4 Identification of respondents
Q5 I speak on behalf of?
<ul> <li>Myself (1)</li> <li>The company/organisation I work for (2)</li> <li>An association representing other companies/ organisations (3)</li> <li>Other (4)</li> </ul>
Q9 Please provide your contact details:
Q10 Company/ Organisation Name:
Q11 Country in which the organization is based:
O AT (4) O BE (5) O BG (6) O CZ (7) O DE (8) O DK (9) O EE (10) O ES (11) O FI (12) O FR (13) O GR (14) O HR (15) O HU (16) O IE (17) O IT (18) O LT (19) O LU (20) O LV (21) O NL (22) O PL (23) O PT (24) O RO (25) O SE (26) O SI (27)
O SK (28) O UK (29)
Q12 First Name:
Q13 Family Name:

Q14 Country of Origin:	
O AT (4)	
O BE (5)	
O BG (6)	
O CZ (7)	
O DE (8)	
O DK (9)	
O EE (10)	
O ES (11)	
O FI (12)	
O FR (13)	
O GR (14)	
O HR (15)	
O HU (16)	
O IE (17)	
O IT (18) O LT (19)	
O LU (20)	
O LV(21)	
O NL (22)	
O PL(23)	
O PT (24)	
O RO (25)	
O SE (26)	
O SI (27)	
O SK (28)	
O UK (29)	
Q15 Role in your organization:	
Q15 Note in your organization.	
Q16 E-mail:	
Q17 Telephone:	

Q18 Planning of rail infrastructure projects
Q19 Is your organization involved in the planning of rail infrastructure projects?  O Yes (1) O No (2)
Display This Question:
If Is your organization involved in the planning of rail infrastructure projects? Yes Is Selected Q20 What is the role of your organization? (more than one choice is possible)
<ul> <li>Define railway network development strategy (1)</li> <li>Provide technical specifications (2)</li> <li>Estimate costs (3)</li> </ul>
☐ Commit/ provide funding (4) ☐ Other, please specify (5)
Display This Question:
If Is your organization involved in the planning of rail infrastructure projects? Yes Is Selected
Q21 What is the role of your organization in the estimate of cost? (more than one choice is possible)  Provide estimate of costs (1) Review estimate of costs (2) Check estimate of costs (3) No role (4)
☐ Other, please specify (5)
Display This Question:
If Is your organization involved in the planning of rail infrastructure projects? Yes Is Selected Q22 Please specify how cost estimate is developed.
Outsourced to third parties (1)
<ul><li>Internally (2)</li><li>Not applicable, my organization has no role in cost estimate (3)</li></ul>
Display This Question:
If Is your organization involved in the planning of rail infrastructure projects? Yes Is Selected Q23 Please specify what level of cost estimate your organization is involved in. (more than one choice is possible)
<ul> <li>General planning (e.g. strategic planning, masterplan, concept) (1)</li> <li>Preliminary planning (e.g. Feasibility study, preliminary design) (2)</li> <li>Detailed planning (e.g. detailed study, final design, tender documents) (3)</li> </ul>
Other, please specify (4)  Not applicable, my organization has no role in cost estimate (5)
Display This Question:
If Is your organization involved in the planning of rail infrastructure projects? Yes Is Selected Q24 Are there price lists available for rail infrastructure project cost estimate?
O Yes, please insert details of the price list/s used and the related level of planning (1)
O No (2)

Display This Question:
If Is your organization involved in the planning of rail infrastructure projects? Yes Is Selected
Q26 Please describe the structure of the cost estimate for General planning (e.g. strategic planning, masterplan,
concept)
O Lump sum (2)
O Detailed (please see below) (3)
Display This Question:
If Please describe the structure of the cost estimate for General planning (e.g. strategic
planning, Detailed (please see below) Is Selected
Q69 Please specify the details included in the General Planning
$\square$ Works (1)
☐ Contingencies (please state the percentage of the contingency in relation to the cost) (2)
□ Project management and supervision (3)
Display This Question:
If Is your organization involved in the planning of rail infrastructure projects? Yes Is Selected
Q67 Please describe the structure of the cost estimate for Preliminary planning (e.g. Feasibility study, preliminary design)
O Lump sum (1)
O Detailed (please see below) (2)
Display This Question:
If Please describe the structure of the cost estimate for Preliminary planning (e.g. Feasibility stu
Detailed (please see below) Is Selected
Q70 Please specify the details included in the Preliminary planning
□ Works (1)
☐ Contingencies (please state the percentage of the contingency in relation to the cost) (2)
Project management and supervision (3)
1 Toject management and supervision (5)
Discolar This Occasion
Display This Question:  If Is your organization involved in the planning of roll infrastructure projects? Yes Is Selected
If Is your organization involved in the planning of rail infrastructure projects? Yes Is Selected Q68 Please describe the structure of the cost estimate for Detailed planning (e.g. detailed study, final design,
tender documents)
O Lump sum (1)
O Detailed (please see below) (2)
2 cumou (produce see serior) (2)
Display This Question:
If Please describe the structure of the cost estimate for Detailed planning (e.g. detailed study, fi
Detailed (please see below) Is Selected
Q71 Please specify the details included in the Detailed planning
□ Works (1)
□ Contingencies (please state the percentage of the contingency in relation to the cost) (2)
Project management and supervision (3)

If Is your organization involved in the planning of rail infrastructure projects? Yes Is Selected	d
Q57 What is the level of design (and cost estimate) required for Major Project application for the Operation Programme/s managed by your Organization in the 2000-2006 Programming Period?	na
<ul> <li>Preliminary planning (e.g. Feasibility study, preliminary design) (4)</li> <li>Detailed planning (e.g. detailed study, final design, tender documents) (5)</li> <li>Other, please specify (6)</li> </ul>	
Display This Question:	
If Is your organization involved in the planning of rail infrastructure projects? Yes Is Selected	d
Q58 What is the level of design (and cost estimate) required for Major Project application for the Operation Programme/s managed by your Organization in the 2007 - 2013 Programming Period?	na
O Preliminary planning (e.g. Feasibility study, preliminary design) (4)	
O Detailed planning (e.g. detailed study, final design, tender documents) (5)	
O Other, please specify (6)	
Display This Question:	
If Is your organization involved in the planning of rail infrastructure projects? Yes Is Selected	d
Q59 What is the level of design (and cost estimate) required for Major Project application for the Operation Programme/s managed by your Organization in the 2014 - 2020 Programming Period?	na

Preliminary planning (e.g. Feasibility study, preliminary design) (4)
 Detailed planning (e.g. detailed study, final design, tender documents) (5)

Display This Question:

O Other, please specify (6)

If Is your organization involved in the planning of rail infrastructure projects? Yes Is Selected Q31 External factors influencing final rail Infrastructure projects costs (Final project costs are costs paid for the realization of the infrastructure)

# **Display This Question:**

# If Is your organization involved in the planning of rail infrastructure projects? Yes Is Selected

Q32 The European market is not homogeneous. Differences in the construction market, in regulatory aspects, level of competition, maturity, etc. necessarily impact on rail infrastructure capital investment costs. Based on your experience, which of the following elements impacted most on final rail infrastructure investment costs in your Country before the economic crisis (from 2000 to 2008)? (Rank the impacts from 1 minor to 4 major)

	1 (1)	2 (2)	3 (3)	4 (4)	Not at all (5)
Procurement (e.g. tendering process, contacting schemes) (1)	•	0	0	0	0
Regulatory and legislative requirements (e.g. Technical standards for design and regulations for construction, Environmental and planning requirements, land acquisition) (2)	•	•	•	•	•
Market factors (e.g. Competition in the construction market, supply chain, labor costs, material costs) (3)	•	0	•	•	0

# Display This Question:

If Is your organization involved in the planning of rail infrastructure projects? Yes Is Selected Q33 What elements of the procurement process impacted on the final cost of a rail infrastructure investment in your Country before the economic crisis (from 2000 to 2008) and how? (more than one choice is possible)

Awarding Criteria (1)
Length of the tendering process (e.g. due to appeals) (2)
Low appetite of the market (e.g. few companies participating to tenders, low appetite of the international
market due to procurement of projects, low appetite due to unbalance risk allocation) (3)
Other, please specify (4)

Display This Question:  If What elements of the procurement process impacted on the final cost of a rail infrastructure investment in your Country before the economic crisis (from 2000 to 2008) and how? (more than one c Awarding Criteria Is Selected
Q34 Please specify the impact on the final costs of Awarding Criteria  O Final costs exceeded initial contract amount (1)  O Final costs lower than estimated cost in the tendering documents (2)  O Other, please specify (3)
Display This Question:  If What elements of the procurement process impacted on the final cost of a rail infrastructure investment in your Country before the economic crisis (from 2000 to 2008) and how? (more than one c Length of the tendering process (e.g. due to appeals) Is Selected Q36 Please specify the impact on the final costs of Length of the tendering process (e.g. due to appeals)
<ul> <li>Final costs exceeded initial contract amount (1)</li> <li>Final costs lower than estimated cost in the tendering documents (2)</li> <li>Other, please specify (3)</li> </ul>
Display This Question:  If What elements of the procurement process impacted on the final cost of a rail infrastructure investment in your Country before the economic crisis (from 2000 to 2008) and how? (more than one c Low appetite of the market (e.g. few companies participating to tenders, low appetite of the international market due to procurement of projects, low appetite due to unbalance risk allocation) Is Selected  Q38 Please specify the impact on the final costs of Low appetite of the market (e.g. few companies participating to tenders, low appetite of the international market due to procurement of projects, low appetite due to unbalance risk allocation)
<ul> <li>Final costs exceeded initial contract amount (1)</li> <li>Final costs lower than estimated cost in the tendering documents (2)</li> <li>Other, please specify (3)</li> </ul>
Display This Question:  If Is your organization involved in the planning of rail infrastructure projects? Yes Is Selected  Q40 What elements of the Regulatory and legislative requirements influence the final cost of a rail infrastructure investment in your Country before the economic crisis (from 2000 to 2008)?
<ul> <li>Technical standards, please specify (1)</li> <li>Environmental constraints: please specify (2)</li> <li>Land acquisition: please specify (3)</li> </ul>
Display This Question:  If Is your organization involved in the planning of rail infrastructure projects? Yes Is Selected Q41 What market factors impacted on the final cost of a rail infrastructure investment in your Country before the economic crisis (from 2000 to 2008) and how? (more then one answer is possible)
<ul> <li>Construction market competition dynamics impacted on (please specify below) (1)</li> <li>Labor and material costs (please specify below) (2)</li> <li>Low appetite of the market (e.g. few companies participating to tenders, low appetite of the international market due to procurement of small projects), (please specify below) (3)</li> <li>Other, please specify (4)</li> </ul>

Display	This Question:
If V	What market factors impacted on the final cost of a rail infrastructure investment in your
Countr	y before the economic crisis (from 2000 to 2008) and how? (more then one answer is
possibl	e) Construction market competition dynamics impacted on (please specify below) Is Selected
	ase specify the impacts on final costs of Construction market competition dynamics
O Fina	al costs exceeded initial contract amount (1)
O Fina	al costs lower than estimated cost in the tendering documents (2)
O Oth	er, please specify (3)
Display	This Question:
If V	What market factors impacted on the final cost of a rail infrastructure investment in your
Countr	y before the economic crisis (from 2000 to 2008) and how? (more then one answer is
possibl	e) Labor and material costs (please specify below) Is Selected
Q43 Ple	ase specify the impacts on final costs of Labor and material costs
O Hig	her than European average (1)
O Low	ver than the EU average (2)
O Lim	nited technical skills in the local market (3)
O Sup	ply chain (e.g. need to import material, limited financial capacity of companies in the supply chain):
	ase specify (4)
O Oth	er, please specify (5)
Display	This Question:
If V	What market factors impacted on the final cost of a rail infrastructure investment in your
Countr	y before the economic crisis (from 2000 to 2008) and how? (more then one answer is
possibl	e) Low appetite of the market (e.g. few companies participating to tenders, low appetite of the
interna	tional market due to procurement of small projects), (please specify below) Is Selected

Q44 Please specify the impacts on final costs of Low appetite of the market (e.g. few companies participating to

tenders, low appetite of the international market due to procurement of small projects)

O Final costs exceeded estimated cost in the tendering documents (1) Final costs lower than estimated cost in the tendering documents (2)

Other, please specify (3)

0

If Is your organization involved in the planning of rail infrastructure projects? Yes Is Selected

Q45 Based on your experience which of the following elements impacted most on final rail infrastructure investment costs in your Country during/after the economic crisis (from 2009)? (Rank the impacts from 1 minor to 4 major)

	1 (1)	2 (2)	3 (3)	4 (5)	Not at all (6)
Procurement (e.g. tendering process, contacting schemes) (1)	•	•	•	•	•
Regulatory and legislative requirements (e.g. Technical standards for design and regulations for construction, Environmental and planning requirements, land acquisition) (2)	•	•	0	O	•
Market factors (e.g. Competition in the construction market, supply chain, labor costs, material costs) (3)	•	•	•	•	•

# Display This Question:

If Is your organization involved in the planning of rail infrastructure projects? Yes Is Selected

Q46 What elements of the procurement process impacted on the final cost of a rail infrastructure investment in your Country during/after the economic crisis (from 2009) and how? (more than one answer is possible)

you	Country during/after the economic crisis (from 2009) and now: (more than one answer is possible)
	Awarding Criteria (1)
	Length of the tendering process (e.g. due to appeals) (2)
	Low appetite of the market (e.g. few companies participating to tenders, low appetite of the international
	market due to procurement of projects, low appetite due to unbalance risk allocation) (3)
	Other, please specify (4)

Display This Question:  If What elements of the procurement process impacted on the final cost of a rail infrastructure investment in your Country during/after the economic crisis (from 2009) and how? (more than one ans Awarding Criteria Is Selected
Q47 Please specify the impacts on final costs of Awarding Criteria
<ul> <li>Final costs exceeded initial contract amount (1)</li> <li>Final costs lower than estimated cost in the tendering documents (2)</li> <li>Other, please specify (3)</li> </ul>
Display This Question:
If What elements of the procurement process impacted on the final cost of a rail infrastructure investment in your Country during/after the economic crisis (from 2009) and how? (more than one ans Length of the tendering process (e.g. due to appeals) Is Selected
Q49 Please specify the impacts on final costs of Length of the tendering process (e.g. due to appeals)
<ul> <li>Final costs exceeded estimated cost in the tendering documents (1)</li> <li>Final costs lower than estimated cost in the tendering documents (2)</li> <li>Other, please specify (3)</li> </ul>
Display This Question:
Display This Question:  If What elements of the procurement process impacted on the final cost of a rail infrastructure investment in your Country during/after the economic crisis (from 2009) and how? (more than one ans Low appetite of the market (e.g. few companies participating to tenders, low appetite of the international market due to procurement of projects, low appetite due to unbalance risk allocation) Is Selected
Q48 Please specify the impacts on final costs of Low appetite of the market (e.g. few companies participating to tenders, low appetite of the international market due to procurement of projects, low appetite due to unbalance risk allocation)
<ul> <li>Final costs exceeded estimated cost in the tendering documents (1)</li> <li>Final costs lower than estimated cost in the tendering documents (2)</li> <li>Other, please specify (3)</li> </ul>
Display This Question:
If Is your organization involved in the planning of rail infrastructure projects? Yes Is Selected Q50 What elements of the Regulatory and legislative requirements on the final cost of a rail infrastructure investment in your Country during/after the economic crisis (from 2009)?
O Technical standards, please specify (1) O Environmental constraints: please specify (2) O Land acquisition: please specify (3)
Display This Question:
If Is your organization involved in the planning of rail infrastructure projects? Yes Is Selected Q51 What market factors impacted on the final cost of a rail infrastructure investment in your Country during/after the economic crisis (from 2009) and how? (more than one choice is possible)
<ul> <li>Construction market competition dynamics (please elaborate in a next Q) (1)</li> <li>Labor and material costs (please elaborate in a next Q) (2)</li> <li>Low appetite of the market (e.g. few companies participating to tenders, low appetite of the international market due to procurement of small projects) (please elaborate in a next Q) (3)</li> <li>Other, please specify (4)</li></ul>

If What market factors impacted on the final cost of a rail infrastructure investment in your Country during/after the economic crisis (from 2009) and how? (more than one choice is possible) Construction market competition dynamics (please elaborate in a next Q) Is Selected

Q52 Please specify the impacts on final costs of Construction market competition dynamics

- O Final costs exceeded initial contract amount (1)
- O Final costs lower than estimated cost in the tendering documents (2)
- O Other, please specify (3)

#### Display This Question:

If What market factors impacted on the final cost of a rail infrastructure investment in your Country during/after the economic crisis (from 2009) and how? (more than one choice is possible) Labor and material costs (please elaborate in a next Q) Is Selected

Q53 Please specify the impacts on final costs of Labor and material costs

- O Lower than the EU average (2)
- O Limited technical skills in the local market (3)

O	Supply chain (e.g. need to import material, limited financial capacity of companies in the supply chain),
	please specify (4)

0	Other,	please s	specify (5)	)	
_	O thich,	product	pour, (i)		 

# Display This Question:

If What market factors impacted on the final cost of a rail infrastructure investment in your Country during/after the economic crisis (from 2009) and how? (more than one choice is possible) Low appetite of the market (e.g. few companies participating to tenders, low appetite of the international market due to procurement of small projects) (please elaborate in a next Q) Is Selected Q54 Please specify the impacts on final costs of Low appetite of the market (e.g. few companies participating to tenders, low appetite of the international market due to procurement of small projects)

- O Final costs exceeded estimated cost in the tendering documents (1)
- O Final costs lower than estimated cost in the tendering documents (2)
- O Other, please specify (3)

If Is your organization involved in the planning of rail infrastructure projects? Yes Is Selected Q60 Future Investments in Rail Infrastructure

# **Display This Question:**

If Is your organization involved in the planning of rail infrastructure projects? Yes Is Selected Q62 Please specify main planned investments for 2014 – 2020 period and 2020 - 2030 horizon stating:

# **Display This Question:**

If Is your organization involved in the planning of rail infrastructure projects? Yes Is Selected Q63 Objective/s

# **Display This Question:**

If Is your organization involved in the planning of rail infrastructure projects? Yes Is Selected Q65 Type of interventions (upgrading/rehabilitation of existing lines, new lines, maintenance)

# **Display This Question:**

If Is your organization involved in the planning of rail infrastructure projects? Yes Is Selected Q66 Estimated financial resources for this period/ horizon

# Qualitative Questionnaire for Infrastructure Managers

IM - European Commission Directorate-General for Regional and Urban Policy: Assessment of unit cost

Q1 Targeted Survey for Rail Infrastructure Manager This questionnaire is directed to Rail Infrastructure Manager. Given the variety of stakeholder roles, interests and responsibilities involved in the survey, some questions might result not suitable for your role. Please feel free to answer only to the questions which are most relevant to you. Structure of the survey The questionnaire is divided into the following sections: - Identification of respondent- Planning of rail infrastructure projects - External factors influencing final rail infrastructure project costs - Future investments in the rail infrastructure

Q4 Identification of respondents						
Q5 I speak on behalf of?						
<ul> <li>Myself (1)</li> <li>The company/organisation I work for (2)</li> <li>An association representing other companies/ organisations (3)</li> <li>Other (4)</li> </ul>						
Q9 Please provide your contact details:						
Q10 Company/ Organisation Name:						
Q11 Country in which the organization is based:						
O AT (4) O BE (5) O BG (6) O CZ (7) O DE (8) O DK (9) O EE (10) O ES (11) O FI (12) O FR (13) O GR (14) O HR (15) O HU (16) O IE (17) O IT (18) O LT (19) O LU (20) O LV (21) O NL (22) O PL (23) O PT (24) O RO (25) O SE (26) O SI (27) O SK (28)						
O UK (29) Q12 First Name:						
Q13 Family Name:						

Q14 Country of Origin:	
O AT (4)	
O BE (5)	
O BG (6)	
O CZ (7)	
O DE (8)	
O DK (9)	
O EE (10)	
O ES (11)	
O FI (12)	
O FR (13)	
O GR (14)	
O HR (15)	
O HU (16)	
O IE (17)	
O IT (18) O LT (19)	
O LU (20)	
O LV(21)	
O NL (22)	
O PL(23)	
O PT (24)	
O RO (25)	
O SE (26)	
O SI (27)	
O SK (28)	
O UK (29)	
Q15 Role in your organization:	
Q15 Note in your organization.	
Q16 E-mail:	
Q17 Telephone:	

Q18 Planning of rail infrastructure projects
Q19 Is your organization involved in the planning of rail infrastructure projects?  O Yes (1) O No (2)
Display This Question:  If Is your organization involved in the planning of rail infrastructure projects? Yes Is Selected
Q20 What is the role of your organization? (more than one choice is possible)
<ul> <li>Define railway network development strategy (1)</li> <li>Provide technical specifications (2)</li> <li>Estimate costs (3)</li> </ul>
☐ Commit/ provide funding (4) ☐ Other, please specify (5)
Display This Question:
If Is your organization involved in the planning of rail infrastructure projects? Yes Is Selected
Q21 What is the role of your organization in the estimate of cost? (more than one choice is possible)  Provide estimate of costs (1) Review estimate of costs (2) Check estimate of costs (3)
□ No role (4) □ Other, please specify (5)
Display This Question:  If Is your organization involved in the planning of rail infrastructure projects? Yes Is Selected
Q22 Please specify how cost estimate is developed.  O Outsourced to third parties (1)
<ul> <li>Internally (2)</li> <li>Not applicable, my organization has no role in cost estimate (3)</li> </ul>
Display This Question:
If Is your organization involved in the planning of rail infrastructure projects? Yes Is Selected Q23 Please specify what level of cost estimate your organization is involved in. (more than one choice is possible)
<ul> <li>□ General planning (e.g. strategic planning, masterplan, concept) (1)</li> <li>□ Preliminary planning (e.g. Feasibility study, preliminary design) (2)</li> </ul>
<ul> <li>Detailed planning (e.g. detailed study, final design, tender documents) (3)</li> <li>Other, please specify (4)</li> </ul>
□ Not applicable, my organization has no role in cost estimate (5)
Display This Question:
If Is your organization involved in the planning of rail infrastructure projects? Yes Is Selected Q24 Are there price lists available for rail infrastructure project cost estimate?
O Yes, please insert details of the price list/s used and the related level of planning (1)
O No (2)

Display This Question:							
If Is your organization involved in the planning of rail infrastructure projects? Yes Is Selected							
Q26 Please describe the structure of the cost estimate for General planning (e.g. strategic planning, masterplan,							
concept)							
O Lump sum (2)							
O Detailed (please see below) (3)							
Display This Question:							
If Please describe the structure of the cost estimate for General planning (e.g. strategic							
planning, Detailed (please see below) Is Selected							
Q69 Please specify the details included in the General Planning							
$\square$ Works (1)							
☐ Contingencies (please state the percentage of the contingency in relation to the cost) (2)							
□ Project management and supervision (3)							
Display This Question:							
If Is your organization involved in the planning of rail infrastructure projects? Yes Is Selected							
Q67 Please describe the structure of the cost estimate for Preliminary planning (e.g. Feasibility study, preliminary design)							
O Lump sum (1)							
O Detailed (please see below) (2)							
Display This Question:							
If Please describe the structure of the cost estimate for Preliminary planning (e.g. Feasibility stu							
Detailed (please see below) Is Selected							
Q70 Please specify the details included in the Preliminary planning							
$\square$ Works (1)							
☐ Contingencies (please state the percentage of the contingency in relation to the cost) (2)							
Designate management and guneration (a)							
□ Project management and supervision (3)							
Display This Question:							
If Is your organization involved in the planning of rail infrastructure projects? Yes Is Selected							
Q68 Please describe the structure of the cost estimate for Detailed planning (e.g. detailed study, final design, tender documents)							
<ul><li>Q Lump sum (1)</li><li>Q Detailed (please see below) (2)</li></ul>							
Detailed (piease see below) (2)							
Display This Question:  If Please describe the structure of the cost estimate for Detailed planning (e.g. detailed study fi							
If Please describe the structure of the cost estimate for Detailed planning (e.g. detailed study, fi Detailed (please see below) Is Selected							
Q71 Please specify the details included in the Detailed planning							
□ Works (1) □ Contingencies (please state the percentage of the centingency in relation to the cest) (2)							
☐ Contingencies (please state the percentage of the contingency in relation to the cost) (2)							
Project management and supervision (3)							
,							

If Is your organization involved in the planning of rail infrastructure projects? Yes Is Selected Q31 External factors influencing final rail Infrastructure projects costs (Final project costs are costs paid for the realization of the infrastructure)

# Display This Question:

# If Is your organization involved in the planning of rail infrastructure projects? Yes Is Selected

Q32 The European market is not homogeneous. Differences in the construction market, in regulatory aspects, level of competition, maturity, etc. necessarily impact on rail infrastructure capital investment costs. Based on your experience, which of the following elements impacted most on final rail infrastructure investment costs in your Country before the economic crisis (from 2000 to 2008)? (Rank the impacts from 1 minor to 4 major)

	1 (1)	2 (2)	3 (3)	4 (4)	Not at all (5)
Procurement (e.g. tendering process, contacting schemes) (1)	0	•	•	•	0
Regulatory and legislative requirements (e.g. Technical standards for design and regulations for construction, Environmental and planning requirements, land acquisition) (2)	•	•	O	•	•
Market factors (e.g. Competition in the construction market, supply chain, labor costs, material costs) (3)	•	•	•	•	0

# Display This Question:

If Is your organization involved in the planning of rail infrastructure projects? Yes Is Selected Q33 What elements of the procurement process impacted on the final cost of a rail infrastructure investment in your Country before the economic crisis (from 2000 to 2008) and how? (more than one choice is possible)

Awarding Criteria (1)
Length of the tendering process (e.g. due to appeals) (2)
Low appetite of the market (e.g. few companies participating to tenders, low appetite of the international
market due to procurement of projects, low appetite due to unbalance risk allocation) (3)
Other, please specify (4)

Display This Question:  If What elements of the procurement process impacted on the final cost of a rail infrastructure investment in your Country before the economic crisis (from 2000 to 2008) and how? (more than one c Awarding Criteria Is Selected					
Please specify the impact on the final costs of Awarding Criteria Final costs exceeded initial contract amount (1) Final costs lower than estimated cost in the tendering documents (2) Other, please specify (3)					
Display This Question:  If What elements of the procurement process impacted on the final cost of a rail infrastructure investment in your Country before the economic crisis (from 2000 to 2008) and how? (more than one c Length of the tendering process (e.g. due to appeals) Is Selected Q36 Please specify the impact on the final costs of Length of the tendering process (e.g. due to appeals)					
<ul> <li>Final costs exceeded initial contract amount (1)</li> <li>Final costs lower than estimated cost in the tendering documents (2)</li> <li>Other, please specify (3)</li> </ul>					
Display This Question:  If What elements of the procurement process impacted on the final cost of a rail infrastructure investment in your Country before the economic crisis (from 2000 to 2008) and how? (more than one c Low appetite of the market (e.g. few companies participating to tenders, low appetite of the international market due to procurement of projects, low appetite due to unbalance risk allocation) Is Selected  Q38 Please specify the impact on the final costs of Low appetite of the market (e.g. few companies participating to tenders, low appetite of the international market due to procurement of projects, low appetite due to					
unbalance risk allocation)  O Final costs exceeded initial contract amount (1)  O Final costs lower than estimated cost in the tendering documents (2)  O Other, please specify (3)					
Display This Question:  If Is your organization involved in the planning of rail infrastructure projects? Yes Is Selected  Q40 What elements of the Regulatory and legislative requirements influence the final cost of a rail infrastructure investment in your Country before the economic crisis (from 2000 to 2008)?					
O Technical standards, please specify (1) O Environmental constraints: please specify (2) C Land acquisition: please specify (3)					
Display This Question:  If Is your organization involved in the planning of rail infrastructure projects? Yes Is Selected  Q41 What market factors impacted on the final cost of a rail infrastructure investment in your Country before the economic crisis (from 2000 to 2008) and how (more then one answer is possible)?					
<ul> <li>Construction market competition dynamics impacted on (please specify below) (1)</li> <li>Labor and material costs (please specify below) (2)</li> <li>Low appetite of the market (e.g. few companies participating to tenders, low appetite of the international market due to procurement of small projects), (please specify below) (3)</li> <li>Other, please specify (4)</li> </ul>					

Display This Question:							
If What market factors impacted on the final cost of a rail infrastructure investment in your							
Country before the economic crisis (from 2000 to 2008) and how (more then one answer is							
possible)? Construction market competition dynamics impacted on (please specify below) Is Selected							
Q42 Please specify the impacts on final costs of Construction market competition dynamics							
O Final costs exceeded initial contract amount (1)							
O Final costs lower than estimated cost in the tendering documents (2)							
O Other, please specify (3)							
Display This Question:							
If What market factors impacted on the final cost of a rail infrastructure investment in your							
Country before the economic crisis (from 2000 to 2008) and how (more then one answer is							
possible)? Labor and material costs (please specify below) Is Selected							
Q43 Please specify the impacts on final costs of Labor and material costs							
O Higher than European average (1)							
O Lower than the EU average (2)							
O Limited technical skills in the local market (3)							
O Supply chain (e.g. need to import material, limited financial capacity of companies in the supply chain):							
please specify (4)							
O Other, please specify (5)							
Display This Question:							
If What market factors impacted on the final cost of a rail infrastructure investment in your							
Country before the economic crisis (from 2000 to 2008) and how (more then one answer is							
possible)? Low appetite of the market (e.g. few companies participating to tenders, low appetite of the							
international market due to procurement of small projects), (please specify below) Is Selected							

Q44 Please specify the impacts on final costs of Low appetite of the market (e.g. few companies participating to

tenders, low appetite of the international market due to procurement of small projects)

O Final costs exceeded estimated cost in the tendering documents (1)

Other, please specify (3)

Final costs lower than estimated cost in the tendering documents (2)

0

If Is your organization involved in the planning of rail infrastructure projects? Yes Is Selected

Q45 Based on your experience which of the following elements impacted most on final rail infrastructure investment costs in your Country during/after the economic crisis (from 2009)? (Rank the impacts from 1 minor to 4 major)

	1 (1)	2 (2)	3 (3)	4 (5)	Not at all (6)
Procurement (e.g. tendering process, contacting schemes) (1)	•	•	•	•	•
Regulatory and legislative requirements (e.g. Technical standards for design and regulations for construction, Environmental and planning requirements, land acquisition) (2)	•	•	•	•	•
Market factors (e.g. Competition in the construction market, supply chain, labor costs, material costs) (3)	•	•	•	•	•

# Display This Question:

If Is your organization involved in the planning of rail infrastructure projects? Yes Is Selected

Q46 What elements of the procurement process impacted on the final cost of a rail infrastructure investment in your Country during/after the economic crisis (from 2009) and how? (more than one answer is possible)

you	recountry during/arter the economic crisis (from 2009) and now. (more than one answer is possible)
	Awarding Criteria (1)
	Length of the tendering process (e.g. due to appeals) (2)
	Low appetite of the market (e.g. few companies participating to tenders, low appetite of the international
	market due to procurement of projects, low appetite due to unbalance risk allocation) (3)
	Other, please specify (4)

If investi	What elements of the procurement process impacted on the final cost of a rail infrastructure ment in your Country during/after the economic crisis (from 2009) and how? (more one ans Awarding Criteria Is Selected					
Q47 Ple	ease specify the impacts on final costs of Awarding Criteria					
O Fin	nal costs exceeded initial contract amount (1) nal costs lower than estimated cost in the tendering documents (2) her, please specify (3)					
If investi than o	Display This Question:  If What elements of the procurement process impacted on the final cost of a rail infrastructure investment in your Country during/after the economic crisis (from 2009) and how? (more than one ans Length of the tendering process (e.g. due to appeals) Is Selected					
Q49 Pl	ease specify the impacts on final costs of Length of the tendering process (e.g. due to appeals)					
O Fin	nal costs exceeded estimated cost in the tendering documents (1) nal costs lower than estimated cost in the tendering documents (2) her, please specify (3)					
If investing than of the allocate	Display This Question:  If What elements of the procurement process impacted on the final cost of a rail infrastructure investment in your Country during/after  the economic crisis (from 2009) and how? (more than one ans Low appetite of the market (e.g. few companies participating to tenders, low appetite of the international market due to procurement of projects, low appetite due to unbalance risk allocation) Is Selected					
tenders	ease specify the impacts on final costs of Low appetite of the market (e.g. few companies participating to s, low appetite of the international market due to procurement of projects, low appetite due to unbalance location)					
O Fin	nal costs exceeded estimated cost in the tendering documents (1) nal costs lower than estimated cost in the tendering documents (2) her, please specify (3)					
_	ny This Question:					
Q50 W	Is your organization involved in the planning of rail infrastructure projects? Yes Is Selected That elements of the Regulatory and legislative requirements on the final cost of a rail infrastructure ment in your Country during/after the economic crisis (from 2009)?					
O En	chnical standards, please specify (1)					
_	y This Question:					
Q51 Wl	Is your organization involved in the planning of rail infrastructure projects? Yes Is Selected hat market factors impacted on the final cost of a rail infrastructure investment in your Country /after the economic crisis (from 2009) and how? (more than one choice is possible)					
Con Lat Lov ma	nstruction market competition dynamics (please elaborate in a next Q) (1) bor and material costs (please elaborate in a next Q) (2) w appetite of the market (e.g. few companies participating to tenders, low appetite of the international arket due to procurement of small projects) (please elaborate in a next Q) (3) her, please specify (4)					

If What market factors impacted on the final cost of a rail infrastructure investment in your Country during/after the economic crisis (from 2009) and how? (more than one choice is possible) Construction market competition dynamics (please elaborate in a next Q) Is Selected

Q52 Please specify the impacts on final costs of Construction market competition dynamics

- O Final costs exceeded initial contract amount (1)
- O Final costs lower than estimated cost in the tendering documents (2)
- O Other, please specify (3)

#### **Display This Question:**

If What market factors impacted on the final cost of a rail infrastructure investment in your Country during/after the economic crisis (from 2009) and how? (more than one choice is possible) Labor and material costs (please elaborate in a next Q) Is Selected

Q53 Please specify the impacts on final costs of Labor and material costs

1	)
	L

- O Lower than the EU average (2)
- O Limited technical skills in the local market (3)

$\mathbf{O}$	Supply chain (e.g. need to import material, limited financial capacity of companies in the supply chain),
	please specify (4)

0	Other,	please s	specify (5)	)	
_	O thich,	product	pour, (i)		 

# Display This Question:

If What market factors impacted on the final cost of a rail infrastructure investment in your Country during/after the economic crisis (from 2009) and how? (more than one choice is possible) Low appetite of the market (e.g. few companies participating to tenders, low appetite of the international market due to procurement of small projects) (please elaborate in a next Q) Is Selected Q54 Please specify the impacts on final costs of Low appetite of the market (e.g. few companies participating to tenders, low appetite of the international market due to procurement of small projects)

- O Final costs exceeded estimated cost in the tendering documents (1)
- O Final costs lower than estimated cost in the tendering documents (2)
- O Other, please specify (3)

# Qualitative Questionnaire for Ministries of Transport

MoT - European Commission Directorate-General for Regional and Urban Policy: Assessment of unit cost

Q1 Targeted Survey for Ministry of Transport/ Infrastructure This questionnaire is directed to Ministry of Transport/ Infrastructure. Given the variety of stakeholder roles, interests and responsibilities involved in the survey, some questions might result not suitable for your role. Please feel free to answer only to the questions which are most relevant to you. Structure of the survey The questionnaire is divided into the following sections: - Identification of respondent- Planning of rail infrastructure projects - External factors influencing final rail infrastructure project costs - Future investments in the rail infrastructure

Q4 Identification of respondents				
Q5 I speak on behalf of?				
<ul> <li>Myself (1)</li> <li>The company/organisation I work for (2)</li> <li>An association representing other companies/ organisations (3)</li> <li>Other (4)</li> </ul>				
Q9 Please provide your contact details:				
Q10 Company/ Organisation Name:				
Q11 Country in which the organization is based:				
O AT (4) O BE (5) O BG (6) O CZ (7) O DE (8) O DK (9) O EE (10) O ES (11) O FI (12) O FR (13) O GR (14) O HR (15) O HU (16) O IE (17) O IT (18) O LT (19) O LU (20) O LV (21) O NL (22) O PL (23) O PT (24) O RO (25) O SE (26) O SI (27)				
O SK (28) O UK (29)				
Q12 First Name:				
Q13 Family Name:				

Q14 Country of Origin:				
O AT (4)				
O BE (5)				
O BG (6)				
O CZ (7)				
O DE (8)				
O DK (9)				
O EE (10)				
O ES (11)				
O FI (12)				
O FR (13)				
O GR (14)				
O HR (15)				
O HU (16)				
O IE (17)				
O IT (18) O LT (19)				
O LU (20)				
O LV(21)				
O NL (22)				
O PL(23)				
O PT (24)				
O RO (25)				
O SE (26)				
O SI (27)				
O SK (28)				
O UK (29)				
Q15 Role in your organization:				
Q15 Note in your organization.				
Q16 E-mail:				
Q17 Telephone:				

Q18 Planning of rail infrastructure projects
Q19 Is your organization involved in the planning of rail infrastructure projects?  O Yes (1) O No (2)
Display This Question:
If Is your organization involved in the planning of rail infrastructure projects? Yes Is Selected Q20 What is the role of your organization? (more than one choice is possible)
<ul> <li>Define railway network development strategy (1)</li> <li>Provide technical specifications (2)</li> <li>Estimate costs (3)</li> </ul>
☐ Commit/ provide funding (4) ☐ Other, please specify (5)
Display This Question:
If Is your organization involved in the planning of rail infrastructure projects? Yes Is Selected
Q21 What is the role of your organization in the estimate of cost? (more than one choice is possible)  Provide estimate of costs (1) Review estimate of costs (2) Check estimate of costs (3) No role (4)
☐ Other, please specify (5)
Display This Question:  If Is your organization involved in the planning of rail infrastructure projects? Yes Is Selected Q22 Please specify how cost estimate is developed.
O Outsourced to third parties (1)
<ul> <li>Internally (2)</li> <li>Not applicable, my organization has no role in cost estimate (3)</li> </ul>
Display This Question:  If Is your organization involved in the planning of rail infrastructure projects? Ves Is Selected.
If Is your organization involved in the planning of rail infrastructure projects? Yes Is Selected Q23 Please specify what level of cost estimate your organization is involved in. (more than one choice is possible)
<ul> <li>□ General planning (e.g. strategic planning, masterplan, concept) (1)</li> <li>□ Preliminary planning (e.g. Feasibility study, preliminary design) (2)</li> <li>□ Detailed planning (e.g. detailed study, final design, tender documents) (3)</li> <li>□ Other, please specify (4)</li></ul>
□ Not applicable, my organization has no role in cost estimate (5)
Display This Question:  If Is your organization involved in the planning of rail infrastructure projects? Yes Is Selected
Q24 Are there price lists available for rail infrastructure project cost estimate?
O Yes, please insert details of the price list/s used and the related level of planning (1)
O No (2)

Display This Question:
If Is your organization involved in the planning of rail infrastructure projects? Yes Is Selected
Q26 Please describe the structure of the cost estimate for General planning (e.g. strategic planning, masterplan,
concept)
O Lump sum (2)
O Detailed (please see below) (3)
Display This Question:
If Please describe the structure of the cost estimate for General planning (e.g. strategic
planning, Detailed (please see below) Is Selected
Q69 Please specify the details included in the General Planning
□ Works (1)
☐ Contingencies (please state the percentage of the contingency in relation to the cost) (2)
□ Project management and supervision (3)
Display This Question:
If Is your organization involved in the planning of rail infrastructure projects? Yes Is Selected
Q67 Please describe the structure of the cost estimate for Preliminary planning (e.g. Feasibility study, preliminary design)
O Lump sum (1)
O Detailed (please see below) (2)
Display This Question:
If Please describe the structure of the cost estimate for Preliminary planning (e.g. Feasibility stu
Detailed (please see below) Is Selected
Q70 Please specify the details included in the Preliminary planning
$\square$ Works (1)
☐ Contingencies (please state the percentage of the contingency in relation to the cost) (2)
Project management and supervision (3)
Froject management and supervision (3)
Display This Question:
If Is your organization involved in the planning of rail infrastructure projects? Yes Is Selected Q68 Please describe the structure of the cost estimate for Detailed planning (e.g. detailed study, final design,
tender documents)
<ul><li>Q Lump sum (1)</li><li>Q Detailed (please see below) (2)</li></ul>
Detailed (picuse see below) (2)
Dignley This Question
Display This Question:  If Please describe the structure of the cost estimate for Detailed planning (e.g. detailed study, fi
Detailed (please see below) Is Selected
Q71 Please specify the details included in the Detailed planning
<ul> <li>□ Works (1)</li> <li>□ Contingencies (please state the percentage of the contingency in relation to the cost) (2)</li> </ul>
Contingencies (piease state the percentage of the contingency in relation to the cost) (2)
Project management and supervision (3)

If Is your organization involved in the planning of rail infrastructure projects? Yes Is Selected			
Q57 What is the level of design (and cost estimate) required for Major Project application for the Operational Programme/s managed by your Organization in the 2000-2006 Programming Period?			
<ul> <li>Preliminary planning (e.g. Feasibility study, preliminary design) (4)</li> <li>Detailed planning (e.g. detailed study, final design, tender documents) (5)</li> <li>Other, please specify (6)</li> </ul>			
Display This Question:  If Is your organization involved in the planning of rail infrastructure projects? Yes Is Selected			
Q58 What is the level of design (and cost estimate) required for Major Project application for the Operationa Programme/s managed by your Organization in the 2007 - 2013 Programming Period?			
<ul> <li>Preliminary planning (e.g. Feasibility study, preliminary design) (4)</li> <li>Detailed planning (e.g. detailed study, final design, tender documents) (5)</li> <li>Other, please specify (6)</li> </ul>			
Display This Question:  If Is your organization involved in the planning of rail infrastructure projects? Yes Is Selected			
Q59 What is the level of design (and cost estimate) required for Major Project application for the Operational Programme/s managed by your Organization in the 2014 - 2020 Programming Period?			

Preliminary planning (e.g. Feasibility study, preliminary design) (4)
 Detailed planning (e.g. detailed study, final design, tender documents) (5)

Display This Question:

O Other, please specify (6)

If Is your organization involved in the planning of rail infrastructure projects? Yes Is Selected Q31 External factors influencing final rail infrastructure projects costs (Final project costs are costs paid for the realization of the infrastructure)

# **Display This Question:**

# If Is your organization involved in the planning of rail infrastructure projects? Yes Is Selected

Q32 The European market is not homogeneous. Differences in the construction market, in regulatory aspects, level of competition, maturity, etc. necessarily impact on rail infrastructure capital investment costs. Based on your experience, which of the following elements impacted most on final rail infrastructure investment costs in your Country before the economic crisis (from 2000 to 2008)? (Rank the impacts from 1 minor to 4 major)

	1 (1)	2 (2)	3 (3)	4 (4)	Not at all (5)
Procurement (e.g. tendering process, contacting schemes) (1)	•	•	•	•	•
Regulatory and legislative requirements (e.g. Technical standards for design and regulations for construction, Environmental and planning requirements, land acquisition) (2)	•	•	•	•	•
Market factors (e.g. Competition in the construction market, supply chain, labor costs, material costs) (3)	•	•	•	•	•

# Display This Question:

If Is your organization involved in the planning of rail infrastructure projects? Yes Is Selected Q33 What elements of the procurement process impacted on the final cost of a rail infrastructure investment in your Country before the economic crisis (from 2000 to 2008) and how? (more than one choice is possible)

Awarding Criteria (1)
Length of the tendering process (e.g. due to appeals) (2)
Low appetite of the market (e.g. few companies participating to tenders, low appetite of the international
market due to procurement of projects, low appetite due to unbalance risk allocation) (3)
Other, please specify (4)

Display This Question:  If What elements of the procurement process impacted on the final cost of a rail infrastructure investment in your Country before the economic crisis (from 2000 to 2008) and how? (more than one c Awarding Criteria Is Selected
Q34 Please specify the impact on the final costs of Awarding Criteria  O Final costs exceeded initial contract amount (1)  O Final costs lower than estimated cost in the tendering documents (2)  O Other, please specify (3)
Display This Question:  If What elements of the procurement process impacted on the final cost of a rail infrastructure investment in your Country before the economic crisis (from 2000 to 2008) and how? (more than one c Length of the tendering process (e.g. due to appeals) Is Selected Q36 Please specify the impact on the final costs of Length of the tendering process (e.g. due to appeals)
<ul> <li>Final costs exceeded initial contract amount (1)</li> <li>Final costs lower than estimated cost in the tendering documents (2)</li> <li>Other, please specify (3)</li> </ul>
Display This Question:  If What elements of the procurement process impacted on the final cost of a rail infrastructure investment in your Country before the economic crisis (from 2000 to 2008) and how? (more than one c Low appetite of the market (e.g. few companies participating to tenders, low appetite of the international market due to procurement of projects, low appetite due to unbalance risk allocation) Is Selected  Q38 Please specify the impact on the final costs of Low appetite of the market (e.g. few companies participating to the mark
to tenders, low appetite of the international market due to procurement of projects, low appetite due to unbalance risk allocation)  O Final costs exceeded initial contract amount (1)  O Final costs lower than estimated cost in the tendering documents (2)  O Other, please specify (3)
Display This Question:  If Is your organization involved in the planning of rail infrastructure projects? Yes Is Selected Q40 What elements of the Regulatory and legislative requirements influence the final cost of a rail
<ul> <li>infrastructure investment in your Country before the economic crisis (from 2000 to 2008)?</li> <li>Technical standards, please specify (1)</li> <li>Environmental constraints: please specify (2)</li> <li>Land acquisition: please specify (3)</li> </ul>
Display This Question:  If Is your organization involved in the planning of rail infrastructure projects? Yes Is Selected Q41 What market factors impacted on the final cost of a rail infrastructure investment in your Country before the economic crisis (from 2000 to 2008) and how? (more then one answer is possible)
<ul> <li>Construction market competition dynamics impacted on (please specify below) (1)</li> <li>Labor and material costs (please specify below) (2)</li> <li>Low appetite of the market (e.g. few companies participating to tenders, low appetite of the international market due to procurement of small projects), (please specify below) (3)</li> <li>Other, please specify (4)</li> </ul>

Dis	splay This Question:
	If What market factors impacted on the final cost of a rail infrastructure investment in your
Cot	untry before the economic crisis (from 2000 to 2008) and how? (more then one answer is
pos	ssible) Construction market competition dynamics impacted on (please specify below) Is Selected
_	2 Please specify the impacts on final costs of Construction market competition dynamics
O	Final costs exceeded initial contract amount (1)
O	Final costs lower than estimated cost in the tendering documents (2)
O	Other, please specify (3)
Dis	splay This Question:
	If What market factors impacted on the final cost of a rail infrastructure investment in your
Cot	untry before the economic crisis (from 2000 to 2008) and how? (more then one answer is
pos	ssible) Labor and material costs (please specify below) Is Selected
Q43	3 Please specify the impacts on final costs of Labor and material costs
O	Higher than European average (1)
O	Lower than the EU average (2)
O	Limited technical skills in the local market (3)
O	Supply chain (e.g. need to import material, limited financial capacity of companies in the supply chain):
	please specify (4)
O	Other, please specify (5)
Dis	splay This Question:
	If What market factors impacted on the final cost of a rail infrastructure investment in your
Cot	untry before the economic crisis (from 2000 to 2008) and how? (more then one answer is
pos	ssible) Low appetite of the market (e.g. few companies participating to tenders, low appetite of the
inte	ernational market due to procurement of small projects), (please specify below) Is Selected

Q44 Please specify the impacts on final costs of Low appetite of the market (e.g. few companies participating to

tenders, low appetite of the international market due to procurement of small projects)

O Final costs exceeded estimated cost in the tendering documents (1) Final costs lower than estimated cost in the tendering documents (2)

Other, please specify (3)

0

If Is your organization involved in the planning of rail infrastructure projects? Yes Is Selected

Q45 Based on your experience which of the following elements impacted most on final rail infrastructure investment costs in your Country during/after the economic crisis (from 2009)? (Rank the impacts from 1 minor to 4 major)

	1 (1)	2 (2)	3 (3)	4 (5)	Not at all (6)
Procurement (e.g. tendering process, contacting schemes) (1)	•	•	•	•	•
Regulatory and legislative requirements (e.g. Technical standards for design and regulations for construction, Environmental and planning requirements, land acquisition) (2)	•	•	•	•	•
Market factors (e.g. Competition in the construction market, supply chain, labor costs, material costs) (3)	•	•	•	•	•

# Display This Question:

If Is your organization involved in the planning of rail infrastructure projects? Yes Is Selected

Q46 What elements of the procurement process impacted on the final cost of a rail infrastructure investment in your Country during/after the economic crisis (from 2009) and how? (more than one answer is possible)

you	ir Country during/arter the economic crisis (from 2009) and now? (more than one answer is possible)
	Awarding Criteria (1)
	Length of the tendering process (e.g. due to appeals) (2)
	Low appetite of the market (e.g. few companies participating to tenders, low appetite of the international
	market due to procurement of projects, low appetite due to unbalance risk allocation) (3)
	Other, please specify (4)

Display This Question:  If What elements of the procurement process impacted on the final cost of a rail infrastructure investment in your Country during/after the economic crisis (from 2009) and how? (more than one ans Awarding Criteria Is Selected
Q47 Please specify the impacts on final costs of Awarding Criteria
<ul> <li>Final costs exceeded initial contract amount (1)</li> <li>Final costs lower than estimated cost in the tendering documents (2)</li> <li>Other, please specify (3)</li> </ul>
Display This Question:
If What elements of the procurement process impacted on the final cost of a rail infrastructure investment in your Country during/after the economic crisis (from 2009) and how? (more than one ans Length of the tendering process (e.g. due to appeals) Is Selected
Q49 Please specify the impacts on final costs of Length of the tendering process (e.g. due to appeals)
<ul> <li>Final costs exceeded estimated cost in the tendering documents (1)</li> <li>Final costs lower than estimated cost in the tendering documents (2)</li> <li>Other, please specify (3)</li> </ul>
Dignley This Overtion
Display This Question:  If What elements of the procurement process impacted on the final cost of a rail infrastructure investment in your Country during/after the economic crisis (from 2009) and how? (more than one ans Low appetite of the market (e.g. few companies participating to tenders, low appetite of the international market due to procurement of projects, low appetite due to unbalance risk allocation) Is Selected
Q48 Please specify the impacts on final costs of Low appetite of the market (e.g. few companies participating to tenders, low appetite of the international market due to procurement of projects, low appetite due to unbalance risk allocation)
<ul> <li>Final costs exceeded estimated cost in the tendering documents (1)</li> <li>Final costs lower than estimated cost in the tendering documents (2)</li> <li>Other, please specify (3)</li> </ul>
Display This Question:
If Is your organization involved in the planning of rail infrastructure projects? Yes Is Selected Q50 What elements of the Regulatory and legislative requirements on the final cost of a rail infrastructure
investment in your Country during/after the economic crisis (from 2009)?
O Technical standards, please specify (1) O Environmental constraints: please specify (2) O Land acquisition: please specify (3)
Display This Question:
If Is your organization involved in the planning of rail infrastructure projects? Yes Is Selected Q51 What market factors impacted on the final cost of a rail infrastructure investment in your Country during/after the economic crisis (from 2009) and how? (more than one choice is possible)
<ul> <li>Construction market competition dynamics (please elaborate in a next Q) (1)</li> <li>Labor and material costs (please elaborate in a next Q) (2)</li> <li>Low appetite of the market (e.g. few companies participating to tenders, low appetite of the international market due to procurement of small projects) (please elaborate in a next Q) (3)</li> <li>Other, please specify (4)</li></ul>

If What market factors impacted on the final cost of a rail infrastructure investment in your Country during/after the economic crisis (from 2009) and how? (more than one choice is possible) Construction market competition dynamics (please elaborate in a next Q) Is Selected

Q52 Please specify the impacts on final costs of Construction market competition dynamics

- O Final costs exceeded initial contract amount (1)
- O Final costs lower than estimated cost in the tendering documents (2)
- O Other, please specify (3)

#### Display This Question:

If What market factors impacted on the final cost of a rail infrastructure investment in your Country during/after the economic crisis (from 2009) and how? (more than one choice is possible) Labor and material costs (please elaborate in a next Q) Is Selected

Q53 Please specify the impacts on final costs of Labor and material costs

$\mathbf{O}$	Higher than	European	average	(1)	)
--------------	-------------	----------	---------	-----	---

- O Lower than the EU average (2)
- O Limited technical skills in the local market (3)
- O Supply chain (e.g. need to import material, limited financial capacity of companies in the supply chain), please specify (4) \_\_\_\_\_
- O Other, please specify (5)

# Display This Question:

If What market factors impacted on the final cost of a rail infrastructure investment in your Country during/after the economic crisis (from 2009) and how? (more than one choice is possible) Low appetite of the market (e.g. few companies participating to tenders, low appetite of the international market due to procurement of small projects) (please elaborate in a next Q) Is Selected Q54 Please specify the impacts on final costs of Low appetite of the market (e.g. few companies participating to tenders, low appetite of the international market due to procurement of small projects)

- O Final costs exceeded estimated cost in the tendering documents (1)
- O Final costs lower than estimated cost in the tendering documents (2)
- O Other, please specify (3)

If Is your organization involved in the planning of rail infrastructure projects? Yes Is Selected Q60 Future Investments in Rail Infrastructure

# **Display This Question:**

If Is your organization involved in the planning of rail infrastructure projects? Yes Is Selected Q62 Please specify main planned investments for 2014 – 2020 period and 2020 - 2030 horizon stating:

# **Display This Question:**

If Is your organization involved in the planning of rail infrastructure projects? Yes Is Selected Q63 Objective/s

# **Display This Question:**

If Is your organization involved in the planning of rail infrastructure projects? Yes Is Selected Q65 Type of interventions (upgrading/rehabilitation of existing lines, new lines, maintenance)

# **Display This Question:**

If Is your organization involved in the planning of rail infrastructure projects? Yes Is Selected Q66 Estimated financial resources for this period/horizon