
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?

- Myself (1)
- The company/organisation I work for (2)
- An association representing other companies/ organisations (3)
- Other (4) _____

Q9 Please provide your contact details:

Q10 Company/ Organisation Name:

Q11 Country in which the organization is based:

- AT (4)
- BE (5)
- BG (6)
- CZ (7)
- DE (8)
- DK (9)
- EE (10)
- ES (11)
- FI (12)
- FR (13)
- GR (14)
- HR (15)
- HU (16)
- IE (17)
- IT (18)
- LT (19)
- LU (20)
- LV (21)
- NL (22)
- PL (23)
- PT (24)
- RO (25)
- SE (26)
- SI (27)
- SK (28)
- UK (29)

Q12 First Name:

Q13 Family Name:

Q14 Country of Origin:

- AT (4)
- BE (5)
- BG (6)
- CZ (7)
- DE (8)
- DK (9)
- EE (10)
- ES (11)
- FI (12)
- FR (13)
- GR (14)
- HR (15)
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- IT (18)
- LT (19)
- LU (20)
- LV (21)
- NL (22)
- PL (23)
- PT (24)
- RO (25)
- SE (26)
- SI (27)
- SK (28)
- UK (29)

Q15 Role 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?

- Yes (1)
- 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)

- Define railway network development strategy (1)
- Provide technical specifications (2)
- Estimate costs (3)
- 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)
- Internally (2)
- Not applicable, my organization has no role in cost estimate (3)

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)

- General planning (e.g. strategic planning, masterplan, concept) (1)
- Preliminary planning (e.g. Feasibility study, preliminary design) (2)
- Detailed planning (e.g. detailed study, final design, tender documents) (3)
- 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?

- Yes, please insert details of the price list/s used and the related level of planning (1)

- 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)

- Lump sum (2)
- 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)

- Lump sum (1)
- 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)

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)

- Lump sum (1)
- Detailed (please see below) (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)

Display This Question:

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?

- Preliminary planning (e.g. Feasibility study, preliminary design) (4)
- Detailed planning (e.g. detailed study, final design, tender documents) (5)
- Other, please specify (6) _____

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 Operational Programme/s managed by your Organization in the 2007 - 2013 Programming Period?

- Preliminary planning (e.g. Feasibility study, preliminary design) (4)
- Detailed planning (e.g. detailed study, final design, tender documents) (5)
- Other, please specify (6) _____

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)
- Other, please specify (6) _____

Display This Question:

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)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Regulatory and legislative requirements (e.g. Technical standards for design and regulations for construction, Environmental and planning requirements, land acquisition) (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Market factors (e.g. Competition in the construction market, supply chain, labor costs, material costs) (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

- 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)

- 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... 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)

- 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 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)?

- Technical standards, please specify (1) _____
- Environmental constraints: please specify (2) _____
- 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)

- Construction market competition dynamics impacted on (please specify below) (1)
- Labor and material costs (please specify below) (2)
- 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)
- Other, please specify (4) _____

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 than 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

- 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 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 than 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

- Higher than European average (1)
- Lower than the EU average (2)
- Limited technical skills in the local market (3)
- Supply chain (e.g. need to import material, limited financial capacity of companies in the supply chain): please specify (4) _____
- 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 than 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)

- 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) _____

Display This Question:

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)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Regulatory and legislative requirements (e.g. Technical standards for design and regulations for construction, Environmental and planning requirements, land acquisition) (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Market factors (e.g. Competition in the construction market, supply chain, labor costs, material costs) (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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)

- 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

- 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 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)

- 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) _____

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)

- 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)

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)?

- Technical standards, please specify (1) _____
- Environmental constraints: please specify (2) _____
- 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)

- Construction market competition dynamics (please elaborate in a next Q) (1)
- Labor and material costs (please elaborate in a next Q) (2)
- 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)
- Other, please specify (4) _____

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) 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

- 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 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

- Higher than European average (1)
- Lower than the EU average (2)
- Limited technical skills in the local market (3)
- Supply chain (e.g. need to import material, limited financial capacity of companies in the supply chain), please specify (4) _____
- 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)

- 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)

Display This Question:

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?

- Myself (1)
- The company/organisation I work for (2)
- An association representing other companies/ organisations (3)
- Other (4) _____

Q9 Please provide your contact details:

Q10 Company/ Organisation Name:

Q11 Country in which the organization is based:

- AT (4)
- BE (5)
- BG (6)
- CZ (7)
- DE (8)
- DK (9)
- EE (10)
- ES (11)
- FI (12)
- FR (13)
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- NL (22)
- PL (23)
- PT (24)
- RO (25)
- SE (26)
- SI (27)
- SK (28)
- UK (29)

Q12 First Name:

Q13 Family Name:

Q14 Country of Origin:

- AT (4)
- BE (5)
- BG (6)
- CZ (7)
- DE (8)
- DK (9)
- EE (10)
- ES (11)
- FI (12)
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- LV (21)
- NL (22)
- PL (23)
- PT (24)
- RO (25)
- SE (26)
- SI (27)
- SK (28)
- UK (29)

Q15 Role 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?

- Yes (1)
- 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)

- Define railway network development strategy (1)
- Provide technical specifications (2)
- Estimate costs (3)
- 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)
- Internally (2)
- Not applicable, my organization has no role in cost estimate (3)

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)

- General planning (e.g. strategic planning, masterplan, concept) (1)
- Preliminary planning (e.g. Feasibility study, preliminary design) (2)
- Detailed planning (e.g. detailed study, final design, tender documents) (3)
- 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?

- Yes, please insert details of the price list/s used and the related level of planning (1)

- 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)

- Lump sum (2)
- 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)

- Lump sum (1)
- 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)

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)

- Lump sum (1)
- Detailed (please see below) (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)

Display This Question:

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)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Regulatory and legislative requirements (e.g. Technical standards for design and regulations for construction, Environmental and planning requirements, land acquisition) (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Market factors (e.g. Competition in the construction market, supply chain, labor costs, material costs) (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

- 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)

- 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... 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)

- 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 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)?

- Technical standards, please specify (1) _____
- Environmental constraints: please specify (2) _____
- 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)?

- Construction market competition dynamics impacted on (please specify below) (1)
- Labor and material costs (please specify below) (2)
- 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)
- Other, please specify (4) _____

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 than 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

- 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 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 than 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

- Higher than European average (1)
- Lower than the EU average (2)
- Limited technical skills in the local market (3)
- Supply chain (e.g. need to import material, limited financial capacity of companies in the supply chain): please specify (4) _____
- 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 than 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)

- 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) _____

Display This Question:

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)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Regulatory and legislative requirements (e.g. Technical standards for design and regulations for construction, Environmental and planning requirements, land acquisition) (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Market factors (e.g. Competition in the construction market, supply chain, labor costs, material costs) (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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)

- 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

- 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 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)

- 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) _____

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)

- 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) _____

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)?

- Technical standards, please specify (1) _____
- Environmental constraints: please specify (2) _____
- 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)

- Construction market competition dynamics (please elaborate in a next Q) (1)
- Labor and material costs (please elaborate in a next Q) (2)
- 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)
- Other, please specify (4) _____

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) 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

- 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 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

- Higher than European average (1)
- Lower than the EU average (2)
- Limited technical skills in the local market (3)
- Supply chain (e.g. need to import material, limited financial capacity of companies in the supply chain), please specify (4) _____
- 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)

- 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)

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?

- Myself (1)
- The company/organisation I work for (2)
- An association representing other companies/ organisations (3)
- Other (4) _____

Q9 Please provide your contact details:

Q10 Company/ Organisation Name:

Q11 Country in which the organization is based:

- AT (4)
- BE (5)
- BG (6)
- CZ (7)
- DE (8)
- DK (9)
- EE (10)
- ES (11)
- FI (12)
- FR (13)
- GR (14)
- HR (15)
- HU (16)
- IE (17)
- IT (18)
- LT (19)
- LU (20)
- LV (21)
- NL (22)
- PL (23)
- PT (24)
- RO (25)
- SE (26)
- SI (27)
- SK (28)
- UK (29)

Q12 First Name:

Q13 Family Name:

Q14 Country of Origin:

- AT (4)
- BE (5)
- BG (6)
- CZ (7)
- DE (8)
- DK (9)
- EE (10)
- ES (11)
- FI (12)
- FR (13)
- GR (14)
- HR (15)
- HU (16)
- IE (17)
- IT (18)
- LT (19)
- LU (20)
- LV (21)
- NL (22)
- PL (23)
- PT (24)
- RO (25)
- SE (26)
- SI (27)
- SK (28)
- UK (29)

Q15 Role 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?

- Yes (1)
- 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)

- Define railway network development strategy (1)
- Provide technical specifications (2)
- Estimate costs (3)
- 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)
- Internally (2)
- Not applicable, my organization has no role in cost estimate (3)

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)

- General planning (e.g. strategic planning, masterplan, concept) (1)
- Preliminary planning (e.g. Feasibility study, preliminary design) (2)
- Detailed planning (e.g. detailed study, final design, tender documents) (3)
- 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?

- Yes, please insert details of the price list/s used and the related level of planning (1)

- 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)

- Lump sum (2)
- 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)

- Lump sum (1)
- 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)

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)

- Lump sum (1)
- Detailed (please see below) (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)

Display This Question:

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?

- Preliminary planning (e.g. Feasibility study, preliminary design) (4)
- Detailed planning (e.g. detailed study, final design, tender documents) (5)
- Other, please specify (6) _____

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 Operational Programme/s managed by your Organization in the 2007 - 2013 Programming Period?

- Preliminary planning (e.g. Feasibility study, preliminary design) (4)
- Detailed planning (e.g. detailed study, final design, tender documents) (5)
- Other, please specify (6) _____

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)
- Other, please specify (6) _____

Display This Question:

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)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Regulatory and legislative requirements (e.g. Technical standards for design and regulations for construction, Environmental and planning requirements, land acquisition) (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Market factors (e.g. Competition in the construction market, supply chain, labor costs, material costs) (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

- 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)

- 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... 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)

- 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 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)?

- Technical standards, please specify (1) _____
- Environmental constraints: please specify (2) _____
- 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)

- Construction market competition dynamics impacted on (please specify below) (1)
- Labor and material costs (please specify below) (2)
- 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)
- Other, please specify (4) _____

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 than 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

- 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 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 than 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

- Higher than European average (1)
- Lower than the EU average (2)
- Limited technical skills in the local market (3)
- Supply chain (e.g. need to import material, limited financial capacity of companies in the supply chain): please specify (4) _____
- 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 than 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)

- 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) _____

Display This Question:

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)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Regulatory and legislative requirements (e.g. Technical standards for design and regulations for construction, Environmental and planning requirements, land acquisition) (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Market factors (e.g. Competition in the construction market, supply chain, labor costs, material costs) (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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)

- 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

- 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 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)

- 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) _____

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)

- 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)

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)?

- Technical standards, please specify (1) _____
- Environmental constraints: please specify (2) _____
- 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)

- Construction market competition dynamics (please elaborate in a next Q) (1)
- Labor and material costs (please elaborate in a next Q) (2)
- 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)
- Other, please specify (4) _____

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) 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

- 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 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

- Higher than European average (1)
- Lower than the EU average (2)
- Limited technical skills in the local market (3)
- Supply chain (e.g. need to import material, limited financial capacity of companies in the supply chain), please specify (4) _____
- 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)

- 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)

Display This Question:

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