

Annex XI: Questionnaire templates - electricity and gas

Monitoring of Projects of Common Interest (PCIs) - Electricity Storage Questionnaire

Progress report to be submitted by March 31st, 2015

1. PCI identification

1. PCI number (No X.Y. or X.Y.Z.) in the 2013 Union list of PCIs:

Enter the PCI number as it appears in the first Union list of PCIs. (The list is available for download below)

2. PCI name in the 2013 Union list of PCIs

You can download the 2013 Union list of PCIs here:

[CELEX_32013R1391_EN_TXT.pdf](#)

3. ENTSO-E TYNDP 2014 cluster number:

4. ENTSO-E TYNDP 2014 investment number or numbers (where the PCI includes multiple investments):

5. PCI promoter(s):

Enter the full legal name(s) of the promoter(s):

6. Hosting EU Member State (where the project is located):

Please tick the appropriate box for the hosting Member State.

- Austria
- Belgium
- Bulgaria
- Croatia
- Cyprus
- Czech Republic
- Denmark
- Estonia
- Finland
- France
- Germany
- Greece
- Hungary
- Ireland
- Italy
- Latvia
- Lithuania
- Luxembourg
- Malta
- The Netherlands
- Poland
- Portugal
- Romania
- Slovakia
- Slovenia
- Spain
- Sweden
- United Kingdom

7. Identification of the PCI in the National Network Development Plans (NNDP):

Please fill in the information asked in the following table.

In case the PCI comprises more than one investment items, please fill in one row per investment item.

In case a unique number or code is not available, please provide the page and section of reference/description of the investment items in the NNDP.

In case the PCI or an investment item is not included in the NNDP, please fill in "not included" in the column "Code in NNDP".

Please double click the cell to enter the information.

	Code in NNDP	Year of NNDP	Year of first inclusion in NNDP
1.			
2.			
3.			

8. Did you submit an application file for the permit granting process before November 16th, 2013?

According to Art. 19 of the Reg. (EU) 347/2013, in such a case the provisions of Chapter III of the Regulation "Permit granting and public participation" do not apply.

- Yes
- No

9. PCI website according to Article 9(7) of Reg. 347

Enter the link to the website of the PCI.

If non-applicable, because application file had been submitted before November 16th, 2013, please fill in "N/A".

2. Technical information

In this section please fill in the information included in the ENTSO-E TYNDP 2014, unless PCI planning is updated after the ENTSO-E TYNDP 2014. In the latter case, please fill in the most up-to-date information.

In case the PCI is updated after the TYNDP 2014 or it is not included in it, please describe the updates in the "brief PCI description" field.

For PCIs for which the technical information requested in a field is not yet defined, please fill in "not yet defined" for text fields, and "0" for numerical fields.

10. Brief PCI description:

11. Category of the PCI:

- Hydro-pumped storage
- Compressed air storage
- Electrochemical storage

12. Type of PCI:

- new investment
- extension
- replacement

13. The name of the substation that the PCI is (to be) connected:

14. The installed generation power (MW) of the PCI:

Note: If the PCI is an expansion of an existing installation, the power is the additional capacity provided by the PCI on top of the existing one.

 MW

15. The installed generation capacity (GWh) of the PCI:

Note: If the PCI is an expansion of an existing installation, the generation capacity is the additional generation capacity provided by the PCI on top of the existing one.

 GWh

16. The net pumping power (MW) of the PCI (for hydro-pumped storage):

Please enter "0" for other than hydro-pumped storage PCIs.

 MW

17. Description of alterations in the PCI technical characteristics

Enter a brief description of the alterations in PCI design and its related technical information compared to the status in summer 2012 when the candidate PCI application was submitted (e.g. a different substation, a different installed generation power, a different installed generation capacity, a different net pumping power).

3. Expected costs

Important notes on the methodology and parameters used for Sections 3 and 4

For the information required in Sections 3 and 4, please consider the following discounting parameters, in line with the ENTSO-E CBA methodology:

- 25 years of operation;
- 4% discount rate (real);
- No residual value;
- All costs and benefits discounted to the present and expressed in the price base of that year (2015).

In case benefit analysis uses benefits calculated in more than one year, please use the following approach, in line with the ENTSO-E CBA methodology:

- For years from year of commissioning (start of benefits) to midterm (if any), extend midterm benefits backwards.
- For years between midterm and long term, linearly interpolate benefits between the midterm and long term values.
- For years beyond long term horizon (if any), maintain benefits at long term value.

Note 2: If the PCI is "Cancelled" you don't need to fill in this section.

18. Currently expected Investment Cost (CAPEX) of the PCI, including materials and assembly costs, temporary solutions, environmental costs, and consenting/social costs

mln EUR in 2015

19. Investment Cost estimated in 2012 (projected to year 2015)

Please provide the value of the 2012 investment cost (capital expenditure) estimate submitted at the time of proposing the candidate PCI in summer 2012 (answer to question 1.h in the Regional Group questionnaire) projected to year 2015.

mln EUR in 2015

20. Annual factor(s) used for the projection of the value to year 2015

Please provide the annual factor(s) used for the projection in question 19.

	Overall projection factor used (%)	Discount rate (%)	Inflation rate (%)	Exchange rate (Local currency to €)
Year 2013				
Year 2014				
Year 2015				

21. Reasons for differences in investment cost

Please provide the reasons for differences (if any) between answers to question 18 and question 19 (for example, reasons may be project changes, different technology, price of raw materials).

Instructions for the completion of the following questions (22 and 23):

The presence of risks, contingencies and uncertainties may lead to a cost range. Please use:

Upward variation = (upper value of cost range - cost estimate)/ cost estimate

Downward variation = (cost estimate - lower value of cost range)/ cost estimate

22. Expected downward variation of CAPEX (%):

Please provide the currently expected downward variation of investment cost (%) to the expected cost in answer 18.

%

23. Expected upward variation of CAPEX (%):

Please provide the currently expected upward variation of investment cost (%) to the expected cost in answer 18.

%

24. Currently expected life cycle cost

Please fill in the currently **expected NPV of life cycle cost** of the PCI (excluding CAPEX cost) in year 2015 value, including replacement of devices, dismantling, maintenance and other life-cycle costs:

mIn EUR in 2015

25. Expected downward variation of life cycle cost (%):

Please provide the currently expected downward variation of life cycle cost (%) to the expected cost in question 24.

%

26. Expected upward variation of life cycle cost (%):

Please provide the currently expected upward variation of life cycle cost (%) to the expected cost in question 24.

%

27. Please provide the reasons for the above mentioned currently expected variations of CAPEX and life cycle cost.

4. Expected benefits

Note 1: If the PCI is "Cancelled" you don't need to fill in this section.

Note 2: For the completion of this Section, please refer to the *Important notes on the methodology and parameters* at the beginning of Section 3.

28. Increase of socio-economic welfare (SEW):

Please provide the expected benefit of the PCI related to increase of socio-economic welfare (SEW) in million Euros, in year 2015 value.

mln EUR

29. Enhancement of security of supply (SoS):

Please provide the expected benefit of the PCI related to security of supply (SoS) in million Euros, in year 2015 value

mln EUR

30. Expected benefit due to variation of losses:

Please provide the expected benefit of the PCI related to variation of losses in million Euros, in year 2015 value.

mln EUR

31. Other expected benefits (i.e. benefits except from SEW, SoS, variation of losses, and double counting effects of RES integration and CO2):

Please provide the expected benefit of the PCI related to other benefit categories, in million Euros, in year 2015 value. Other categories include all other benefits except from SEW, SoS, variation of losses, and double counting effects of RES integration and CO2.

mln EUR

32. Description of other benefits

Please explain what other benefit categories are included in the value provided in the previous field.

33. Expected downward variation of total benefits (%):

Please provide the currently expected downward variation of total benefits (%) to the expected total benefits of questions 28 to 31.

%

34. Expected upward variation of total benefits (%):

Please provide the currently expected upward variation of total benefits (%) to the expected total benefits of questions 28 to 31.

 %

35. Please provide the reasons for the possible variations.

36. Additional data about the studies conducted for the calculation of the benefits.

Please indicate: a) what type of study (e.g market, network, combined) was used for the calculation of each of the above mentioned benefits, b) what software tools were used, c) the geographical coverage of the study, d) the years of the benefit calculation (e.g. 2020, 2025)

37. Use of ENTSO-E TYNDP 2014 values

In case the results concerning the above mentioned benefits are derived from ENTSO-E TYNDP 2014 values, please explain how the results were derived taking into account the different scenarios and sensitivities.

5. Status and time progress

5.1 Current status

38. Please indicate the current status of the PCI:

Please note that the option "planned but not yet in permitting" should be selected for PCIs that have completed the phase of initial studies, but have not initiated the permitting yet.

- Under consideration
- Planned, but not yet in permitting
- Permitting
- Under construction
- Commissioned
- Cancelled

If the PCI is cancelled (i.e. the option "cancelled" is selected in question 38), please select one of the reasons listed below (in case of multiple reasons, please indicate the most important one).

39. Reason for cancellation

- Studies which never turned into a planned investment
- Changes due to the overall planning process and inputs
- Changes on the demand side
- Changes on the generation side
- Changes due to other transmission investments
- Environmental reasons/ restrictions
- Other

40. A brief description of the main reason for cancellation (in particular when the answer "other" is selected in question 39) and in case of complementary reasons:

If the PCI is "Cancelled" you don't need to provide any additional information. YOU HAVE JUST FINISHED.

5.2 Implementation Plan and Update

In Section 5.2 of the questionnaire, Project Promoters are required to provide the (actual or expected) start date and end date of each stage *expected on January 31st, 2015*, and the respective start and end dates of each stage that were expected at the time of proposing the PCI, i.e. in the summer of 2012.

In case of a PCI with several sections or elements, which are in different status, the status of the least progressed determines the status of the overall PCI.

Also, the starting period of the overall PCI is defined by the starting period of the earliest section/element, and the ending period of the overall PCI is defined by the ending period of the latest section/element.

5.2.1. Consideration phase

41. **Consideration phase: start** date - Status as of Jan 31st, **2015**

42. **Consideration phase: end** date - Status as of Jan 31st, **2015**

43. **Consideration phase: start date - Status as of summer 2012**

44. **Consideration phase: end date - Status as of summer 2012**

5.2.2. Planning approval

Planning approval is the approval (at the level of national development planning) by the NRA or by the competent Ministry or national competent authority, as provisioned in the national law of each country.

45. **Planning approval: start date - Status as of Jan 31st, 2015**

46. **Planning approval: end date - Status as of Jan 31st, 2015**

47. **Planning approval: start date - Status as of summer 2012**

48. **Planning approval: end date - Status as of summer 2012**

5.2.3. Preliminary design studies

49. **Preliminary design studies: start date - Status as of Jan 31st, 2015**

50. **Preliminary design studies: end date - Status as of Jan 31st, 2015**

51. **Preliminary design studies: start date - Status as of summer 2012**

52. **Preliminary design studies: end date - Status as of summer 2012**

5.2.4. Preliminary investment decision

53. **Preliminary investment decision: start date** - Status as of Jan 31st, **2015**

54. **Preliminary investment decision: end date** - Status as of Jan 31st, **2015**

55. **Preliminary investment decision: start date** - Status as of summer **2012**

56. **Preliminary investment decision: end date** - Status as of summer **2012**

5.2.5. Public Consultation of Art. 9(4) of Reg. 347/2013

If Art. 9(4) of the Reg. (EU) 347/2013 does not apply for the PCI, according to Art. 19 (2), please fill in 01/01/1900 to the relevant fields.

57. **Public Consultation of Art. 9(4) of Reg. 347/2013: start date** - Status as of Jan 31st, **2015**

58. **Public Consultation of Art. 9(4) of Reg. 347/2013: end date** - Status as of Jan 31st, **2015**

59. **Public Consultation of Art. 9(4) of Reg. 347/2013: start date** - Status as of summer **2012**

60. **Public Consultation of Art. 9(4) of Reg. 347/2013: end date** - Status as of summer **2012**

5.2.6. Permit Granting Process

61. **Permit Granting Process: start date** - Status as of Jan 31st, **2015**

62. **Permit Granting Process: end date** - Status as of Jan 31st, **2015**

63. **Permit Granting Process: start date - Status as of summer 2012**

64. **Permit Granting Process: end date - Status as of summer 2012**

5.2.7. Pre-application Procedure (if applicable)

If Pre-application Procedure is not applicable, please fill in 01/01/1900 to the relevant fields.

65. **Pre-application Procedure: start date - Status as of Jan 31st, 2015**

66. **Pre-application Procedure: end date - Status as of Jan 31st, 2015**

67. **Pre-application Procedure: start date - Status as of summer 2012**

68. **Pre-application Procedure: end date - Status as of summer 2012**

5.2.8. Environmental Impact Assessment request and approval

69. **Environmental Impact Assessment request and approval: start date - Status as of Jan 31st, 2015**

5

70. **Environmental Impact Assessment request and approval: end date - Status as of Jan 31st, 2015**

71. **Environmental Impact Assessment request and approval: start date - Status as of summer 2012**

72. **Environmental Impact Assessment request and approval: end date - Status as of summer 2012**

5.2.9. Statutory procedure (if applicable)

If statutory procedure is not applicable, please fill in 01/01/1900 to the relevant fields.

73. **Statutory procedure: start date** - Status as of Jan 31st, **2015**

74. **Statutory procedure: end date** - Status as of Jan 31st, **2015**

75. **Statutory procedure: start date** - Status as of summer **2012**

76. **Statutory procedure: end date** - Status as of summer **2012**

5.2.10. Project financing

Dates for the Project-financing fields are required only in case of project-specific financing solution. If a corporate financing is used, please fill in 01/01/1900 to the relevant fields.

77. **Project- financing: start date** - Status as of Jan 31st, **2015**

78. **Project- financing: end date** - Status as of Jan 31st, **2015**

79. **Project- financing: start date** - Status as of summer **2012**

80. **Project- financing: end date** - Status as of summer **2012**

5.2.11. Final investment decision

81. **Final investment decision: start date** - Status as of Jan 31st, **2015**

82. **Final investment decision: end date** - Status as of Jan 31st, **2015**

83. **Final investment decision: start date** - Status as of summer **2012**

84. **Final investment decision: end date** - Status as of summer **2012**

5.2.12. Detailed design

85. **Detailed design: start date** - Status as of Jan 31st, **2015**

86. **Detailed design: end date** - Status as of Jan 31st, **2015**

87. **Detailed design: start date** - Status as of summer **2012**

88. **Detailed design: end date** - Status as of summer **2012**

5.2.13. Tendering for construction

89. **Tendering for construction: start date** - Status as of Jan 31st, **2015**

90. **Tendering for construction: end date** - Status as of Jan 31st, **2015**

91. **Tendering for construction: start date** - Status as of summer **2012**

92. **Tendering for construction: end date** - Status as of summer **2012**

5.2.14. Construction

93. **Construction: start date** - Status as of Jan 31st, **2015**

94. **Construction: end date** - Status as of Jan 31st, **2015**

95. **Construction: start date** - Status as of summer **2012**

96. **Construction: end date** - Status as of summer **2012**

5.2.15. Commissioning

97. **Commissioning: start date** - Status as of Jan 31st, **2015**

98. **Commissioning: end date** - Status as of Jan 31st, **2015**

99. **Commissioning: start date** - Status as of summer **2012**

100. **Commissioning: end date** - Status as of summer **2012**

5.3 Time progress

101. Current PCI progress compared to the planning of summer 2012:

Please indicate the progress of the project compared to the planning of summer 2012.

Please note that (as in Section 5 of ACER opinion no. 16/2014) the term "*investment rescheduled*" corresponds to an investment which is voluntarily postponed by a transmission system operator due to changes of its external driver (e.g. postponed connection of new generation, lower demand, less urgent need for an investment due to updated planning data or priority to other transmission solutions). The term "*investment delayed*" corresponds to an investment which is still needed at the expected date, but cannot be delivered on time due to various external factors like permitting, environmental, legislative reasons, etc.

- Ahead of schedule
- On time
- Delayed
- Rescheduled

102. Description of works performed:

Please provide a description of works performed between the time of submission of the candidate PCI (summer 2012), and January 31st, 2015, and an assessment of the progress achieved.

103. Please provide any additional information you may deem necessary with regard to permit granting and consultation procedures:

5.3.1 Reschedulling

104. Please quantify rescheduling effect on the commissioning date (in months, zero if no rescheduling):

 months

105. Brief description of the main reason for rescheduling.

Please provide a brief description of the main reason for rescheduling, the rescheduling impact on costs and benefits, and in which PCI stage the rescheduling appeared:

5.3.2 Delays and difficulties

Definition of a PCI "in delay" and "at difficulty"

For the completion of the Parts 5.3.2 and 5.3.3 please note the following definitions:

- a PCI is considered at difficulty in case a postponement of less than six months, without causing a significant update in estimated costs or benefits, has taken place.
- a PCI is considered in delay in case a postponement of at least six months has taken place, and it is not rescheduled (i.e. it is not voluntarily postponed by a transmission system operator due to changes of its external driver).

106. Please quantify the delay on the commissioning date (in months, zero if no delay):

 months

Reasons for delay

If the PCI is delayed, in the following 3 questions please identify the main reasons. In case of multiple reasons, please indicate as main reason the reason that has caused the longest delay.

107. Main reason for delay (that caused the longest delay):

- PERMITTING - Delays due to environmental problems (including problems with cultural heritage authorities or any other authority that is involved in the environmental procedure)
- PERMITTING - National law changes affecting permitting, including complexities with the implementation of the new legislation implementing Regulation (EU) 347/2013 for permitting
- PERMITTING - Delays in the preparation of necessary application files by the project promoter
- PERMITTING - Delays due to other permit granting reasons (different than law changes, environmental problems or preparation of application files). Please explain in the relevant question below
- Delays related to acquisition of or access to land
- Delay in tendering process
- Delays in construction works
- Delays due to financing reasons
- Delays due to risks related to the national regulatory framework or future regulatory decisions
- Delays due to lawsuits and court proceedings
- Other

108. Second most important reason for delay:

- PERMITTING - Delays due to environmental problems (including problems with cultural heritage authorities or any other authority that is involved in the environmental procedure)
- PERMITTING - National law changes affecting permitting, including complexities with the implementation of the new legislation implementing Regulation (EU) 347/2013 for permitting
- PERMITTING - Delays in the preparation of necessary application files by the project promoter
- PERMITTING - Delays due to other permit granting reasons (different than law changes, environmental problems or preparation of application files). Please explain in the relevant question below
- Delays related to acquisition of or access to land
- Delay in tendering process
- Delays in construction works
- Delays due to financing reasons
- Delays due to risks related to the national regulatory framework or future regulatory decisions
- Delays due to lawsuits and court proceedings
- Other

109. Third most important reason for delay:

- PERMITTING - Delays due to environmental problems (including problems with cultural heritage authorities or any other authority that is involved in the environmental procedure)
- PERMITTING - National law changes affecting permitting, including complexities with the implementation of the new legislation implementing Regulation (EU) 347/2013 for permitting
- PERMITTING - Delays in the preparation of necessary application files by the project promoter
- PERMITTING - Delays due to other permit granting reasons (different than law changes, environmental problems or preparation of application files). Please explain in the relevant question below
- Delays related to acquisition of or access to land
- Delay in tendering process
- Delays in construction works
- Delays due to financing reasons
- Delays due to risks related to the national regulatory framework or future regulatory decisions
- Delays due to lawsuits and court proceedings
- Other

110. Brief description of the main reason for delay.

Please provide a brief description of the main reason for delay (in particular, when the answer "PERMITTING", or "Other" is selected), the consequences of the delay (e.g. cost increases), and indicate in which PCI stage the delay had its origin. Please explain why this delay was not foreseeable.

111. Brief description of any additional reasons for delay.

Please provide a brief description of any additional reasons for delay (in particular, when the additional reason for the delay is for permitting) and their prioritisation, if applicable, as well as their interaction with other reasons, and the consequences of the delay, e.g. cost increases.

112. Difficulties encountered

Please provide a brief description of any difficulties encountered (i.e. problems that resulted in **PCI postponement less than six months without causing a significant update in estimated costs or benefits**).

5.3.3 Measures taken and recommendations to resolve delays and difficulties

113. Please describe the measures already taken by the promoter(s) or by other parties (e.g. NRAs, competent authorities, ministries) to solve delays and difficulties, if applicable, and the consequences of the measures already taken, e.g. consequences of decided alternative solutions on project cost.

114. If applicable, do you foresee measures to solve delays and difficulties and by whom?

Monitoring of Projects of Common Interest (PCIs) - Electricity Transmission Questionnaire

Progress report to be submitted by March 31st, 2015

1. PCI identification

A. Administrative details

1. PCI number (No X.Y. or X.Y.Z.) in the 2013 Union list of PCIs:

Enter the PCI number as it appears in the first Union list of PCIs. (The list is available for download below)

2. PCI name in the 2013 Union list of PCIs

You can download the 2013 Union list of PCIs here:

[CELEX 32013R1391 EN TXT.pdf](#)

3. ENTSO-E TYNDP 2014 cluster number:

4. ENTSO-E TYNDP 2014 investment number or numbers (where the PCI includes multiple investments):

5. PCI promoter(s):

Enter the full legal name(s) of the promoter(s):

6. Hosting EU Member State(s) (where the project is located):

- 1. Tick the box(es) for the hosting Member State(s).
- 2. If applicable, please also tick Member State(s), the waters of which are crossed by PCI underwater cables.

- | | | | |
|------------------------------------|---|-----------------------------------|--|
| <input type="checkbox"/> Austria | <input type="checkbox"/> Belgium | <input type="checkbox"/> Bulgaria | <input type="checkbox"/> Croatia |
| <input type="checkbox"/> Cyprus | <input type="checkbox"/> Czech Republic | <input type="checkbox"/> Denmark | <input type="checkbox"/> Estonia |
| <input type="checkbox"/> Finland | <input type="checkbox"/> France | <input type="checkbox"/> Germany | <input type="checkbox"/> Greece |
| <input type="checkbox"/> Hungary | <input type="checkbox"/> Ireland | <input type="checkbox"/> Italy | <input type="checkbox"/> Latvia |
| <input type="checkbox"/> Lithuania | <input type="checkbox"/> Luxembourg | <input type="checkbox"/> Malta | <input type="checkbox"/> The Netherlands |
| <input type="checkbox"/> Poland | <input type="checkbox"/> Portugal | <input type="checkbox"/> Romania | <input type="checkbox"/> Slovakia |
| <input type="checkbox"/> Slovenia | <input type="checkbox"/> Spain | <input type="checkbox"/> Sweden | <input type="checkbox"/> United Kingdom |

7. Hosting non-EU countries:

- 1. In case parts of the PCI are located outside the territory of EU Member States, please fill in the name(s) of the country (-ies).
- 2. Please also include in this field third countries, the waters of which are crossed by PCI cables.

8. Identification of the PCI investment items in the National Network Development Plans (NNDP):

Please fill one row PER COUNTRY for interconnection lines and interconnection cables (e.g. for an interconnection investment item across two countries, one row for country A and one row for country B have to be filled in).

In case the PCI belongs to the category "combined investments" (as defined in question 12), please fill in one row per investment item (referred to as "investment index" in the ENTSO-E TYNDP 2014) and per country. In case an investment item is cross-border, fill in one row for each country hosting the investment item.

In case a unique number or code is not available, please provide the page and section of reference/description of the investment items in the NNDP.

In case the PCI or an investment item is not included in the NNDP, please fill in "not included" in the column "Code in NNDP".

Please double click the cell to enter the information.

	Country	Code in NNDP	Year of NNDP	Year of first inclusion in NNDP
1.				
2.				
3.				
4.				
5.				
6.				

9. Did you submit an application file for the permit granting process before November 16th, 2013?

According to Art. 19 of the Reg. (EU) 347/2013, in such a case the provisions of Chapter III of the Regulation “Permit granting and public participation” do not apply.

- Yes
- No

10. PCI website according to Article 9(7) of Reg. 347

Enter the link to the website of the PCI.

If non-applicable, because application file had been submitted before November 16th, 2013, please fill in “N/A”.

2. Technical information

2.1 Technical description

In this section please fill in the information included in the ENTSO-E TYNDP 2014, unless PCI planning is updated after the ENTSO-E TYNDP 2014. In the latter case, please fill in the most up-to-date information.

In case the PCI is updated after the TYNDP 2014, please describe the updates in the “brief PCI description” field.

For PCIs for which the technical information requested in a field is not yet defined, please fill in “not yet defined” for text fields, and “0” for numerical fields.

11. Brief PCI description:

12. Category of THE PCI:

1. Select "combined investments" in case the PCI comprises more than one investment category.
2. In case of offshore cables with short onshore parts, please refer them as "offshore cables", and not as "combined investment."

- AC transmission line
- DC transmission line
- On-shore AC transmission cable
- On-shore DC transmission cable
- Off-shore AC transmission cable
- Offshore DC transmission cable
- Onshore substation
- Offshore substation
- Phase shifting transformer
- Back to back substation
- Transformer
- Reactive compensation device
- Smart grids
- Combined investments

13. In case the PCI category in question 12 is "combined investments", please fill in the number of items of each category of equipment:

Please fill in only one number in each relevant cell.

Please double click the cell to enter the information.

	Number of items
AC transmission line	
DC transmission line	
On-shore AC transmission cable	
On-shore DC transmission cable	
Off-shore AC transmission cable	
Off-shore DC transmission cable	
On-shore substation	
Off-shore substation	
Phase shifting transformer	
Back to back substation	
Transformer	
Reactive compensation device	
Smart grids	

14. Type of PCI:

- new investment
- current uprate
- voltage upgrade
- extension
- replacement
- mixed solution - mostly as new investment
- mixed solution - mostly as reinforcement

16. Voltage:

Enter the voltage in kV (for lines and cables) or the highest voltage in kV (for substations and other components).

 kV

17. Description of alterations in the PCI technical characteristics

Enter a brief description of the alterations in PCI design and its related technical information compared to the status in summer 2012 when the candidate PCI submitted its application (e.g. a different substation end, a different length, a different voltage, a different rated power).

2.2 Expected Increase of Transfer Capacity

18. Increase of cross-border grid transfer capability

Please identify for which border(s) the PCI (**note: the PCI, not a group or cluster of PCIs**) provides an increase of cross-border grid transfer capability (GTC), and quantify this increase

	Border (country A-country B)	GTC increase (MW)
Border 1		
Border 2		
Border 3		

19. In case of a PCI being part of a ENTSO-E TYNDP 2014 cluster, please explain how the GTC of the PCI reported above is derived from the cluster GTC

3. Expected costs

Important notes on the methodology and parameters used for Sections 3 and 4

For the information required in Sections 3 and 4, please consider the following discounting parameters, in line with the ENTSO-E CBA methodology:

- 25 years of operation;
- 4% discount rate (real);
- No residual value;
- All costs and benefits discounted to the present and expressed in the price base of that year (2015).

In case benefit analysis uses benefits calculated in more than one year, please use the following approach, in line with the ENTSO-E CBA methodology:

- For years from year of commissioning (start of benefits) to midterm (if any), extend midterm benefits backwards.
- For years between midterm and long term, linearly interpolate benefits between the midterm and long term values.
- For years beyond long term horizon (if any), maintain benefits at long term value.

Note: If the PCI is "Cancelled" you don't need to fill in this section.

20. Currently expected Investment Cost (CAPEX) of the PCI, including materials and assembly costs, temporary solutions, environmental costs, and consenting/social costs

mln EUR in 2015

21. Investment Cost estimated in 2012 (projected to year 2015)

Please provide the value of the 2012 investment cost (capital expenditure) estimate submitted at the time of proposing the candidate PCI in summer 2012 (answer to question 2.g in the Regional Group questionnaire) projected to year 2015.

If the PCI corresponds to more than one candidate project, please report the sum of the relative cost estimates.

mln EUR in 2015

22. Annual factor(s) used for the projection of the value to year 2015

Please provide the annual factor(s) used for the projection in question 21.

	Overall projection factor used (%)	Discount rate (%)	Inflation rate (%)	Exchange rate (Local currency to €)
Year 2013				
Year 2014				
Year 2015				

23. Reasons for differences in investment cost

Please provide the reasons for differences (if any) between answers to question 20 and question 21 (for example, reasons may be project changes, different route, different technology, price of raw materials).

Instructions for the completion of the following questions (24 and 25):

The presence of risks, contingencies and uncertainties may lead to a cost range. Please use:

Upward variation = (upper value of cost range - cost estimate)/ cost estimate

Downward variation = (cost estimate - lower value of cost range)/ cost estimate

24. Expected downward variation of CAPEX (%):

Please provide the currently expected downward variation of investment cost (%) to the expected cost in answer 20.

 %

25. Expected upward variation of CAPEX (%):

Please provide the currently expected upward variation of investment cost (%) to the expected cost in answer 20.

 %

26. Currently expected life cycle cost

Please fill in the currently **expected NPV of life cycle cost** of the PCI (excluding CAPEX cost) in year 2015 value, including replacement of devices, dismantling, maintenance and other life-cycle costs:

 mIn EUR in 2015

27. Expected downward variation of life cycle cost (%):

Please provide the currently expected downward variation of life cycle cost (%) to the expected cost in question 26.

 %

28. Expected upward variation of life cycle cost (%):

Please provide the currently expected upward variation of life cycle cost (%) to the expected cost in question 26.

 %

29. Please provide the reasons for the above mentioned currently expected variations of CAPEX and life cycle cost.

4. Expected benefits

Note 1: If the PCI is "Cancelled" you don't need to fill in this section.

Note 2: For the completion of this Section, please refer to the *Important notes on the methodology and parameters* at the beginning of Section 3.

30. Increase of socio-economic welfare (SEW):

Please provide the expected benefit of the PCI related to increase of socio-economic welfare (SEW) in million Euros, in year 2015 value.

mln EUR

31. Enhancement of security of supply (SoS):

Please provide the expected benefit of the PCI related to security of supply (SoS) in million Euros, in year 2015 value

mln EUR

32. Expected benefit due to variation of losses:

Please provide the expected benefit of the PCI related to variation of losses in million Euros, in year 2015 value.

mln EUR

33. Other expected benefits (i.e. benefits except from SEW, SoS, variation of losses, and double counting effects of RES integration and CO2):

Please provide the expected benefit of the PCI related to other benefit categories, in million Euros, in year 2015 value. Other categories include all other benefits except from SEW, SoS, variation of losses, and double counting effects of RES integration and CO2.

mln EUR

34. Description of other benefits

Please explain what other benefit categories are included in the value provided in the previous field.

35. Expected downward variation of total benefits (%):

Please provide the currently expected downward variation of total benefits (%) to the expected total benefits of questions 30 to 33.

%

36. Expected upward variation of total benefits (%):

Please provide the currently expected upward variation of total benefits (%) to the expected total benefits of questions 30 to 33.

 %

37. Please provide the reasons for the possible variations.

38. Additional data about the studies conducted for the calculation of the benefits.

Please indicate: a) what type of study (e.g market, network, combined) was used for the calculation of each of the above mentioned benefits, b) what software tools were used, c) the geographical coverage of the study, d) the years of the benefit calculation (e.g. 2020, 2025)

39. Use of ENTSO-E TYNDP 2014 values

In case the results concerning the above mentioned benefits are derived from ENTSO-E TYNDP 2014 values, please explain how the results were derived taking into account the different scenarios and sensitivities.

5. Status and time progress

5.1 Current status

40. Please indicate the current status of the PCI:

Please note that the option "planned but not yet in permitting" should be selected for PCIs that have been included in the national transmission plan and completed the phase of initial studies, but have not initiated the permitting yet.

- Under consideration
- Planned, but not yet in permitting
- Permitting
- Under construction
- Commissioned
- Cancelled

If the PCI is cancelled (i.e. the option "cancelled" is selected in question 40), please select one of the reasons listed below (in case of multiple reasons, please indicate the most important one).

41. Reason for cancellation

- Studies which never turned into a planned investment
- Changes due to the overall planning process and inputs
- Changes on the demand side
- Changes on the generation side
- Changes due to other transmission investments
- Environmental reasons/ restrictions
- Other

42. A brief description of the main reason for cancellation (in particular when the answer "other" is selected in question 41) and in case of complementary reasons:

If the PCI is "Cancelled" you don't need to provide any additional information. YOU HAVE JUST FINISHED.

5.2 Implementation Plan and Update

In Section 5.2 of the questionnaire, Project Promoters are required to provide the (actual or expected) start date and end date of each stage *expected on January 31st, 2015*, and the respective start and end dates of each stage that were expected at the time of proposing the PCI, i.e. in the summer of 2012.

In case of a PCI with several sections or elements, which are in different status, the status of the least progressed determines the status of the overall PCI.

Also, the starting period of the overall PCI is defined by the starting period of the earliest section/element, and the ending period of the overall PCI is defined by the ending period of the latest section/element.

5.2.1. Consideration phase

43. **Consideration phase: start** date - Status as of Jan 31st, **2015**

44. **Consideration phase: end** date - Status as of Jan 31st, **2015**

45. **Consideration phase: start date - Status as of summer 2012**

46. **Consideration phase: end date - Status as of summer 2012**

5.2.2. Planning approval

Planning approval is the approval (at the level of national development planning) by the NRA or by the competent Ministry or national competent authority, as provisioned in the national law of each country.

47. **Planning approval: start date - Status as of Jan 31st, 2015**

48. **Planning approval: end date - Status as of Jan 31st, 2015**

49. **Planning approval: start date - Status as of summer 2012**

50. **Planning approval: end date - Status as of summer 2012**

5.2.3. Preliminary design studies

51. **Preliminary design studies: start date - Status as of Jan 31st, 2015**

52. **Preliminary design studies: end date - Status as of Jan 31st, 2015**

53. **Preliminary design studies: start date - Status as of summer 2012**

54. **Preliminary design studies: end date - Status as of summer 2012**

5.2.4. Preliminary investment decision

55. **Preliminary investment decision: start date** - Status as of Jan 31st, **2015**

56. **Preliminary investment decision: end date** - Status as of Jan 31st, **2015**

57. **Preliminary investment decision: start date** - Status as of summer **2012**

58. **Preliminary investment decision: end date** - Status as of summer **2012**

5.2.5. Public Consultation of Art. 9(4) of Reg. 347/2013

If Art. 9(4) of the Reg. (EU) 347/2013 does not apply for the PCI, according to Art. 19 (2), please fill in 01/01/1900 to the relevant fields.

59. **Public Consultation of Art. 9(4) of Reg. 347/2013: start date** - Status as of Jan 31st, **2015**

60. **Public Consultation of Art. 9(4) of Reg. 347/2013: end date** - Status as of Jan 31st, **2015**

61. **Public Consultation of Art. 9(4) of Reg. 347/2013: start date** - Status as of summer **2012**

62. **Public Consultation of Art. 9(4) of Reg. 347/2013: end date** - Status as of summer **2012**

5.2.6. Permit Granting Process

63. **Permit Granting Process: start date** - Status as of Jan 31st, **2015**

64. **Permit Granting Process: end date** - Status as of Jan 31st, **2015**

65. **Permit Granting Process: start date** - Status as of summer **2012**

66. **Permit Granting Process: end date** - Status as of summer **2012**

5.2.7. Pre-application Procedure (if applicable)

If Pre-application Procedure is not applicable, please fill in 01/01/1900 to the relevant fields.

67. **Pre-application Procedure: start date** - Status as of Jan 31st, **2015**

68. **Pre-application Procedure: end date** - Status as of Jan 31st, **2015**

69. **Pre-application Procedure: start date** - Status as of summer **2012**

70. **Pre-application Procedure: end date** - Status as of summer **2012**

5.2.8. Environmental Impact Assessment request and approval

71. **Environmental Impact Assessment request and approval: start date** - Status as of Jan 31st, **2015**

72. **Environmental Impact Assessment request and approval: end date** - Status as of Jan 31st, **2015**

73. **Environmental Impact Assessment request and approval: start date** - Status as of summer **2012**

74. **Environmental Impact Assessment request and approval: end date** - Status as of summer **2012**

5.2.9. Statutory procedure (if applicable)

If statutory procedure is not applicable, please fill in 01/01/1900 to the relevant fields.

75. **Statutory procedure: start date** - Status as of Jan 31st, **2015**

76. **Statutory procedure: end date** - Status as of Jan 31st, **2015**

77. **Statutory procedure: start date** - Status as of summer **2012**

78. **Statutory procedure: end date** - Status as of summer **2012**

5.2.10. Project financing

Dates for the Project-financing fields are required only in case of project-specific financing solution. If a corporate financing is used, please fill in 01/01/1900 to the relevant fields.

79. **Project- financing: start date** - Status as of Jan 31st, **2015**

80. **Project- financing: end date** - Status as of Jan 31st, **2015**

81. **Project- financing: start date** - Status as of summer **2012**

82. **Project- financing: end date** - Status as of summer **2012**

5.2.11. CBCA request / decision (if applicable)

If a CBCA request / decision is not applicable, please fill in 01/01/1900 to the relevant fields.

83. **CBCA request / decision: start date** - Status as of Jan 31st, **2015**

84. **CBCA request / decision: end date** - Status as of Jan 31st, **2015**

5.2.12. Exemption from third party access request/decision (if applicable)

If an exemption from third party access request/decision is not applicable, please fill in 01/01/1900 to the relevant fields.

85. **Exemption from third party access request/decision: start date** - Status as of Jan 31st, **2015**

86. **Exemption from third party access request/decision: end date** - Status as of Jan 31st, **2015**

87. **Exemption from third party access request/decision: start date** - Status as of summer **2012**

88. **Exemption from third party access request/decision: end date** - Status as of summer **2012**

5.2.13. Final investment decision

89. **Final investment decision: start date** - Status as of Jan 31st, **2015**

90. **Final investment decision: end date** - Status as of Jan 31st, **2015**

91. **Final investment decision: start date** - Status as of summer **2012**

92. **Final investment decision: end date** - Status as of summer **2012**

5.2.14. Detailed design

93. **Detailed design: start date** - Status as of Jan 31st, **2015**

94. **Detailed design: end date** - Status as of Jan 31st, **2015**

95. **Detailed design: start date** - Status as of summer **2012**

96. **Detailed design: end date** - Status as of summer **2012**

5.2.15. Tendering for construction

97. **Tendering for construction: start date** - Status as of Jan 31st, **2015**

98. **Tendering for construction: end date** - Status as of Jan 31st, **2015**

99. **Tendering for construction: start date** - Status as of summer **2012**

100. **Tendering for construction: end date** - Status as of summer **2012**

5.2.16. Construction

101. **Construction: start date** - Status as of Jan 31st, **2015**

102. **Construction: end date** - Status as of Jan 31st, **2015**

103. **Construction: start date** - Status as of summer **2012**

104. **Construction: end date** - Status as of summer **2012**

5.2.17. Commissioning

105. **Commissioning: start date** - Status as of Jan 31st, **2015**

106. **Commissioning: end date** - Status as of Jan 31st, **2015**

107. **Commissioning: start date** - Status as of summer **2012**

108. **Commissioning: end date** - Status as of summer **2012**

5.3 Time progress

109. Current PCI progress compared to the planning of summer 2012:

Please indicate the progress of the project compared to the planning of summer 2012.

Please note that (as in Section 5 of ACER opinion no. 16/2014) the term “*investment rescheduled*” corresponds to an investment which is voluntarily postponed by a transmission system operator due to changes of its external driver (e.g. postponed connection of new generation, lower demand, less urgent need for an investment due to updated planning data or priority to other transmission solutions). The term “*investment delayed*” corresponds to an investment which is still needed at the expected date, but cannot be delivered on time due to various external factors like permitting, environmental, legislative reasons, etc.

- Ahead of schedule
- On time
- Delayed
- Rescheduled

110. Description of works performed:

Please provide a description of works performed between the time of submission of the candidate PCI (summer 2012), and January 31st, 2015, and an assessment of the progress achieved.

111. Please provide any additional information you may deem necessary with regard to permit granting and consultation procedures:

5.3.1 Reschedulling

112. Please quantify rescheduling effect on the commissioning date (in months, zero if no rescheduling):

 months

Reasons for rescheduling

If the PCI is rescedulled, please answer the 3 following questions.

113. Please select one of the following reasons of rescheduling (the most important one in case of multiple reasons):

- Changes on the generation side (in relation to new renewable-based generation)
- Changes on the generation side (in relation to other types of generation)
- Changes on the demand side
- Changes due to correlation with other prioritised transmission investments
- Changes due to correlation with other rescheduled transmission investments
- Changes in the overall planning data input (generation, demand and transmission)
- Rescheduling of works during the construction phase either to guarantee the reliability of supply or due to other technical issues
- Other

114. Brief description of the main reason for rescheduling.

Please provide a brief description of the main reason for rescheduling (in particular, when the answer "other" is selected), the rescheduling impact on costs and benefits, and in which PCI stage the rescheduling appeared:

115. Brief description of other reasons for rescheduling.

Please provide a brief description of other reasons for rescheduling and their prioritisation, if applicable, their interaction with other reasons, and the rescheduling impact to cost and benefits:

5.3.2 Delays and difficulties

Definition of a PCI "in delay" and "at difficulty"

For the completion of the Parts 5.3.2 and 5.3.3 please note the following definitions:

- a PCI is considered at difficulty in case a postponement of less than six months, without causing a significant update in estimated costs or benefits, has taken place.
- a PCI is considered in delay in case a postponement of at least six months has taken place, and it is not rescheduled (i.e. it is not voluntarily postponed by a transmission system operator due to changes of its external driver).

116. Please quantify the delay on the commissioning date (in months, zero if no delay):

 months

Reasons for delay

If the PCI is delayed, in the following 3 questions please identify the main reasons. In case of multiple reasons, please indicate as 1st reason the reason that has caused the longest delay.

117. Main reason for delay (that caused the longest delay):

- PERMITTING - Delays due to environmental problems (including re-routing and/or siting or re-siting of substation(s)). Environmental problems also include problems with cultural heritage authorities or any other authority that is involved in the environmental procedure
- PERMITTING - National law changes affecting permitting, including complexities with the implementation of the new legislation implementing Regulation (EU) 347/2013 for permitting
- PERMITTING - Delays in the preparation of necessary application files by the project promoter
- PERMITTING - Delays due to other permit granting reasons (different than law changes, environmental problems or preparation of application files). Please explain in the relevant question below
- Delays related to acquisition of or access to land
- Delays due to correlation with other delayed transmission investments
- Delay in tendering process
- Delay related to finalisation of agreements and coordination across borders
- Delay related to finalisation of agreements with third party promoters
- Delays in construction works
- Delays due to technological reasons (including any changes, re-routing and/or siting or re-siting of substation(s) initiated by the PP)
- Delays due to financing reasons
- Delays due to risks related to the national regulatory framework or future regulatory decisions
- Delays due to lawsuits and court proceedings
- Other

118. Second most important reason for delay:

- PERMITTING - Delays due to environmental problems (including re-routing and/or siting or re-siting of substation(s)). Environmental problems also include problems with cultural heritage authorities or any other authority that is involved in the environmental procedure
- PERMITTING - National law changes affecting permitting, including complexities with the implementation of the new legislation implementing Regulation (EU) 347/2013 for permitting
- PERMITTING - Delays in the preparation of necessary application files by the project promoter
- PERMITTING - Delays due to other permit granting reasons (different than law changes, environmental problems or preparation of applicatio files). Please explain in the relevant question below
- Delays related to acquisition of or access to land
- Delays due to correlation with other delayed transmission investments
- Delay in tendering process
- Delay related to finalisation of agreements and coordination across borders
- Delay related to finalisation of agreements with third party promoters
- Delays in construction works
- Delays due to technological reasons (including any changes, re-routing and/or siting or re-siting of substation(s) initiated by the PP)
- Delays due to financing reasons
- Delays due to risks related to the national regulatory framework or future regulatory decisions
- Delays due to lawsuits and court proceedings
- Other

119. Third most important reason for delay:

- PERMITTING - Delays due to environmental problems (including re-routing and/or siting or re-siting of substation(s)). Environmental problems also include problems with cultural heritage authorities or any other authority that is involved in the environmental procedure
- PERMITTING - National law changes affecting permitting, including complexities with the implementation of the new legislation implementing Regulation (EU) 347/2013 for permitting
- PERMITTING - Delays in the preparation of necessary application files by the project promoter
- PERMITTING - Delays due to other permit granting reasons (different than law changes, environmental problems or preparation of application files). Please explain in the relevant question below
- Delays related to acquisition of or access to land
- Delays due to correlation with other delayed transmission investments
- Delay in tendering process
- Delay related to finalisation of agreements and coordination across borders
- Delay related to finalisation of agreements with third party promoters
- Delays in construction works
- Delays due to technological reasons (including any changes, re-routing and/or siting or re-siting of substation(s) initiated by the PP)
- Delays due to financing reasons
- Delays due to risks related to the national regulatory framework or future regulatory decisions
- Delays due to lawsuits and court proceedings
- Other

120. Brief description of the main reason for delay.

Please provide a brief description of the main reason for delay (in particular, when the answer "PERMITTING", or "Other" is selected), the consequences of the delay (e.g. cost increases), and indicate in which PCI stage the delay had its origin. Please explain why this delay was not foreseeable.

121. Brief description of any additional reasons for delay.

Please provide a brief description of any additional reasons for delay (in particular, when the additional reason for the delay is for permitting) and their prioritisation, if applicable, as well as their interaction with other reasons, and the consequences of the delay, e.g. cost increases.

122. Difficulties encountered

Please provide a brief description of any difficulties encountered (i.e. problems that resulted in **PCI postponement less than six months without causing a significant update in estimated costs or benefits**).

5.3.3 Measures taken and recommendations to resolve delays and difficulties

123. Please describe the measures already taken by the promoter(s) or by other parties (e.g. NRAs, competent authorities, ministries) to solve delays and difficulties, if applicable, and the consequences of the measures already taken, e.g. consequences of decided alternative solutions on project cost.

124. If applicable, do you foresee measures to solve delays and difficulties and by whom?

Monitoring of the implementation of Projects of Common Interest (PCIs) - LNG

Progress report for the implementation of
Projects of Common Interest (PCIs)
PCI list of 2013
Article 5(4) of Regulation (EU) 347/2013
LNG

1. Project identification

A. Administrative details

1. Unique project code number (No X.Y. or X.Y.Z. in the 2013 Union list of PCIs):

Enter the project code number (No) as it appears in the first Union list of PCIs. The list is available for download from the link below.

2. Project name in the 2013 Union list of PCIs:

Enter the name of the project as it appears in the first Union list of PCIs.

You can access the 2013 Union list of PCIs via the link <http://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32013R1391&from=EN> or download the file below:

[CELEX 32013R1391 EN TXT.pdf](#)

3. PCI project promoter(s):

Enter the full legal name(s) of the promoter(s):

4. PCI website according to Article 9(7) of Regulation (EU) 347/2013:

Enter the link to the website of the PCI.

5. Code of the project in the EU TYNDP 2013-2022:

Enter the unique code assigned to the project in ENTSOG's TYNDP 2013-2022 (e.g. LNG-X-000).

6. Hosting EU Member State(s) (Member States where the project is located):

Tick the box(es) for all hosting Member State(s).

- | | | | |
|------------------------------------|---|-----------------------------------|---|
| <input type="checkbox"/> Austria | <input type="checkbox"/> Belgium | <input type="checkbox"/> Bulgaria | <input type="checkbox"/> Croatia |
| <input type="checkbox"/> Cyprus | <input type="checkbox"/> Czech Republic | <input type="checkbox"/> Denmark | <input type="checkbox"/> Estonia |
| <input type="checkbox"/> Finland | <input type="checkbox"/> France | <input type="checkbox"/> Germany | <input type="checkbox"/> Greece |
| <input type="checkbox"/> Hungary | <input type="checkbox"/> Ireland | <input type="checkbox"/> Italy | <input type="checkbox"/> Latvia |
| <input type="checkbox"/> Lithuania | <input type="checkbox"/> Luxembourg | <input type="checkbox"/> Malta | <input type="checkbox"/> Netherlands |
| <input type="checkbox"/> Poland | <input type="checkbox"/> Portugal | <input type="checkbox"/> Romania | <input type="checkbox"/> Slovakia |
| <input type="checkbox"/> Slovenia | <input type="checkbox"/> Spain | <input type="checkbox"/> Sweden | <input type="checkbox"/> United Kingdom |

7. Non-EU hosting countries:

In case parts of the project are located outside the territory of the EU Member States, enter the names of any non-EU countries where the project is located:

8. Non-hosting impacted EU Member States:

An impacted country is one in which the project is not located, but in which the project's effects are significant.

Tick the box(es) for all non-hosting EU Member State(s) impacted by the project:

- | | | | |
|------------------------------------|---|-----------------------------------|---|
| <input type="checkbox"/> Austria | <input type="checkbox"/> Belgium | <input type="checkbox"/> Bulgaria | <input type="checkbox"/> Croatia |
| <input type="checkbox"/> Cyprus | <input type="checkbox"/> Czech Republic | <input type="checkbox"/> Denmark | <input type="checkbox"/> Estonia |
| <input type="checkbox"/> Finland | <input type="checkbox"/> France | <input type="checkbox"/> Germany | <input type="checkbox"/> Greece |
| <input type="checkbox"/> Hungary | <input type="checkbox"/> Ireland | <input type="checkbox"/> Italy | <input type="checkbox"/> Latvia |
| <input type="checkbox"/> Lithuania | <input type="checkbox"/> Luxembourg | <input type="checkbox"/> Malta | <input type="checkbox"/> Netherlands |
| <input type="checkbox"/> Poland | <input type="checkbox"/> Portugal | <input type="checkbox"/> Romania | <input type="checkbox"/> Slovakia |
| <input type="checkbox"/> Slovenia | <input type="checkbox"/> Spain | <input type="checkbox"/> Sweden | <input type="checkbox"/> United Kingdom |

9. Impacted Energy Community Contracting Parties

Tick the box(es) for all Contracting Parties of the Energy Community impacted by the project:

- | | |
|---|--|
| <input type="checkbox"/> Albania | <input type="checkbox"/> Bosnia and Herzegovina |
| <input type="checkbox"/> FYR of Macedonia | <input type="checkbox"/> Moldova |
| <input type="checkbox"/> Montenegro | <input type="checkbox"/> Serbia |
| <input type="checkbox"/> Ukraine | <input type="checkbox"/> Kosovo* (* This designation is without prejudice to positions on status, and is in line with UNSCR 1244 and the ICJ Opinion on the Kosovo declaration of independence.) |

10. Impacted non-EU EEA countries

Tick the boxes for all non-EU EEA impacted countries:

- Iceland Liechtenstein
 Norway Switzerland

11. Other impacted non-EU countries:

List here those impacted countries which are not part of the EU, the Energy Community, or the EEA.

12. The PCI in the National Network Development Plans (NNDPs):

Enter the requested data (Member State, code of the project as it appears in the relevant NNDP, project name, year of publication in the NNDP):

Please double click the cell to enter the information.

	Member State	Project code in the NNDP	Project name	Year of publication in the NNDP
1)				
2)				
3)				
4)				
5)				

B. Relevant Competent Authorities

13. Relevant Competent Authorities:

Enter the requested data for each Competent Authority you have to submit the report to. Please indicate all relevant Competent Authorities.

Please double click the cell to enter the information.

	Name of the Competent Authority	Postal address of the Competent Authority
1)		
2)		
3)		
4)		
5)		

2. Technical information

14. Brief project description:

Apart from the general project description, please also indicate the type of the facility such as onshore, offshore, floating regasification facility etc.

(Attach maps and charts if available. Multiple files have to be compressed into one file and then uploaded.)

15. Maximum annual capacity:

billion cubic meters of natural gas per year

16. Maximum sendout capacity:

million cubic meters of natural gas per day

17. Storage capacity:

In the case of a floating regasification facility, please enter the capacity of the tanks of the floating facility.

cubic meters of LNG

18. Maximum ship cargo size:

Please enter the maximum cargo size which can be delivered to the facility by the LNG tanker.

cubic meters of LNG

19. Transhipment possible?

- To other ships - oceangoing
- To other ships - bunkering
- To onland transportation (trucks, rail, containers)

20. A brief description of major technical changes in any detail of the project compared to the status at the time of the adoption of the 2013 PCI list (e.g. changes in the type of facility - onshore or floating, storage capacity, max. sendout capacity, etc.):

3. Expected costs

21. CAPEX (including materials and assembly costs, temporary solutions, environmental costs, and consenting/social costs):

mln EUR as of 31 January 2015

22. Estimated CAPEX variation +/-, percent:

As of 31 January 2015.

%

23. Has the CAPEX estimate changed after the adoption of the PCI list in 2013?

- Yes
- No
- Unknown

24. Do you intend to apply/ already applied for CEF Union financial assistance under Regulation (EU) 1316/2013?

- Already applied for
- Yes
- No
- Don't know

25. Please indicate whether the cost data may be published:

- Yes
- No

4. Expected benefits (in case a CBA analysis has already been performed)

26. Has a cost-benefit analysis already been performed?

If you answer "Yes", additional boxes will appear where data should be entered. If you answer "No", please proceed to Box 47 below.

- Yes
- No

27. Discounting rate used for NPV calculations in the CBA:

 %

28. Discounting period used in the CBA analysis:

Enter number of years, such as 10, 20, 25.

 years

29. Does the project contribute to market integration?

- Yes
- No
- Unknown

30. In case you have ticked "Yes" above, enter the estimated value of market integration in million Euro as of 31 January 2015:

 mln EUR in 2015 value

31. Does the project contribute to enhancement of competition?

- Yes
- No
- Unknown

32. In case you have ticked "Yes" above, please enter the estimated value of enhancement of competition in millions Euro as of 31 January 2015:

 mln EUR in 2015 value

33. Does the project enhance security of supply?

- Yes
- No
- Unknown

34. In case you have ticked "Yes" above, please enter the value of enhancement of security of supply in million Euro as of 31 January 2015:

 mln EUR in 2015 value

35. Does the project enhance sustainability?

- Yes
- No
- Unknown

36. In case you have ticked "Yes" above, please enter the value of enhancement of sustainability in million Euro as of 31 January 2015:

mIn EUR in 2015 value

Total value of net benefits per Member State concerned (in NPV million EUR 2015):

37. Member State 1:

38. Value of net benefits in Member State 1:

in NPV million EUR 2015

39. Member State 2:

40. Value of net benefits in Member State 2:

in NPV million EUR 2015

41. Member State 3:

42. Value of net benefits in Member State 3:

in NPV million EUR 2015

43. All other EU Member States and third countries:

44. Value of net benefits in all other EU Member States and third countries:

in NPV million EUR 2015

45. Methodology used for the assessment/monetisation of the above mentioned benefits:

Please describe the main features of the study (e.g. scope, type - market or network study; main questions covered).

46. Please indicate the geographical coverage of the assessment:

Please list the names of all countries covered by the CBA.

47. Please indicate the year of the benefits' assessment/ monetisation:

 year

If there is additional information or documents related to the study, you may upload them here (*If you would like to upload multiple documents, please compress them into one single file*):

5. Status and progress

48. Please indicate the current status of the PCI:

If other than "Commissioned" is selected, additional boxes will appear to provide further information.

- Under consideration
- Planned, but not yet in design and permitting phase
- Design and permitting
- Under construction
- Commissioned
- Cancelled

If the project is already "Commissioned" you don't need to provide any additional information. You have just FINISHED.

49. If the PCI was cancelled after the adoption of the 2013 Union list for PCIs, select the most important reason(s) for the cancellation:

You may choose more than one answer

- Studies which never turned into a planned investment
- Demand side changes/ uncertainties
- Supply side changes/ uncertainties
- Other related/ enabler investment changes/ cancellations
- Environmental reasons/ restrictions
- Other

50. A brief description of the main reason for cancellation (in particular when the answer "other" is selected). If there are complementary reasons (to the one already indicated), please list them here as well:

If the project is "Cancelled" you don't need to provide any additional information. You have just FINISHED.

A. Implementation schedule status

51. Implementation time schedule on project level:

Please indicate the project stage dates in the following format MM/YYYY.

	Status as of 31 Jan 2015 - <i>actual or expected start date of the activity</i>	Status as of 31 Jan 2015 - <i>actual or expected end date of the activity</i>	Status as of 2013 - <i>actual or expected start date of the activity</i>	Status as of 2013 - <i>actual or expected end date of the activity</i>
Consideration phase				
Planning approval				
Preliminary design studies				
Market test				
Preliminary investment decision				
Public consultation of Art.9(4) of Regulation 347/2013				
Permitting - pre-application procedure (if applicable)				
Permitting - EIA request and approval				
Permitting - statutory procedure (if applicable)				
Financing (which enables FID)				
Cross-border cost allocation request / decision (if applicable)				
Exemption request / decision (if applicable)				

Final investment decision				
Detailed design				
Tendering				
Construction				
Commissioning				

52. Provide a brief description of the type of works performed between the submission of candidate for the 2013 PCI list and 31 January 2015:

Indicate only types of works performed, such as, for example, studies, market test, procurement, construction, etc.

53. Please enter any additional important information about permit granting and consultation procedures:

54. Current project implementation schedule compared to the schedule in the 2013 Union list of PCIs:

If you answer "Delayed" or "Rescheduled", additional boxes will appear below.

- Ahead of the schedule
- On time
- Delayed
- Rescheduled

If the project is implemented "On time" or "Ahead of the schedule" you don't need to provide any additional information. You have just FINISHED.

55. If the PCI was rescheduled, select the most important reason(s) for the rescheduling:

- Demand side changes/ uncertainties
- Supply side changes/ uncertainties
- Correlated to other investment's changes
- Environmental reasons/ restrictions
- Technical issues
- Other

56. Please provide a brief description of the main reason(s) for rescheduling (in particular, when the answer "other" is selected), the rescheduling impact on costs and benefits (if any), and the project stage at which the rescheduling occurred:

57. Please quantify the rescheduling effect on the commissioning date (in months, zero if no rescheduling):

 months

B. Reasons for delays

58. Main reason for delay (that caused the longest delay - if applicable):

- Rerouting or resizing due to technical reasons
- Correlation with other delayed infrastructure investment
- Finalisation of agreements and coordination across borders
- Finalisation of agreements with third party promoters
- Permitting - preparation of dossiers by project promoter
- Permitting - rerouting or resizing due to cultural heritage, NIMBY
- Permitting - national law changes, including non-implementation of Regulation 347/2013 for enhanced permitting
- Permitting - permit granting delay other than law changes and re-routing / re-sizing
- Permitting - environmental issues
- Permitting - lawsuits and court proceedings
- Acquisition or access to land
- Financing reasons
- Tendering process
- Technological reasons (including re-routing and/or re-sizing initiated by the project promoter)
- Construction works
- Risks related to the national regulatory framework or future regulatory decisions
- Other - specify

59. Second reason for delay (if applicable):

- Rerouting or resizing due to technical reasons
- Correlation with other delayed infrastructure investment
- Finalisation of agreements and coordination across borders
- Finalisation of agreements with third party promoters
- Permitting - preparation of dossiers by project promoter
- Permitting - rerouting or resizing due to cultural heritage, NIMBY
- Permitting - national law changes, including non-implementation of Reg. 347/2013 for enhanced permitting
- Permitting - permit granting delay other than law changes and re-routing / re-sizing
- Permitting - environmental issues
- Permitting - lawsuits and court proceedings
- Acquisition or access to land
- Financing reasons
- Tendering process
- Technological reasons (including re-routing and/or re-sizing initiated by the project promoter)
- Construction works
- Risks related to the national regulatory framework or future regulatory decisions
- Other - specify

60. Third reason for delay (if applicable):

- Rerouting or resizing due to technical reasons
- Correlation with other delayed infrastructure investment
- Finalisation of agreements and coordination across borders
- Finalisation of agreements with third party promoters
- Permitting - preparation of dossiers by project promoter
- Permitting - rerouting or resizing due to cultural heritage, NIMBY
- Permitting - national law changes, including non-implementation of Regulation 347/2013 for enhanced permitting
- Permitting - permit granting delay other than law changes and re-routing / re-sizing
- Permitting - environmental issues
- Permitting - lawsuits and court proceedings
- Acquisition or access to land
- Financing reasons
- Tendering process
- Technological reasons (including re-routing and/or re-sizing initiated by the project promoter)
- Construction works
- Risks related to the national regulatory framework or future regulatory decisions
- Other - specify

61. Please provide a brief description of the main reason for delay (in particular when the answer "Other" is selected) and of the consequences of the delay (e.g. cost increases). Please explain why this delay was not expected.

62. A brief description of any other difficulties encountered (i.e. problems that resulted in project postponement no longer than six months and without causing a significant update in estimated costs or benefits):

63. Please quantify the delay effect on the commissioning date (in months, zero if no delay):

 months

C. Measures taken and recommendations to resolve delays and other difficulties

64. Measures taken by the project promoter or other relevant authorities (e.g. NRAs, Competent Authorities, ministries) to resolve the delays and other difficulties:

65. Recommendations by the project promoter or other relevant authorities to overcome the delays and other difficulties encountered:

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Monitoring of the implementation of Projects of Common Interest (PCIs) - Gas Transmission

Progress report for the implementation of
Projects of Common Interest (PCIs)
PCI list of 2013
Article 5(4) of Regulation (EU) 347/2013
Gas Transmission Projects

1. Project identification

A. Administrative details

1. Unique project code number (No X.Y. or X.Y.Z. in the 2013 Union list of PCIs):

Enter the project code number (No) as it appears in the first Union list of PCIs. The list is available for download from the link below.

2. Project name in the 2013 Union list of PCIs:

Enter the name of the project as it appears in the first Union list of PCIs.

You can access the 2013 Union list of PCIs via the link <http://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32013R1391&from=EN> or download the file below:

[CELEX 32013R1391 EN TXT.pdf](#)

3. PCI project promoter(s):

Enter the full legal name(s) of the promoter(s):

4. PCI website according to Article 9(7) of Regulation (EU) 347/2013:

Enter the link to the website of the PCI.

5. Code of the project in the EU TYNDP 2013-2022:

Enter the unique code assigned to the project in ENTSOG's TYNDP 2013-2022 (e.g. TRA-X-000).

6. Hosting EU Member State(s) (Member States where the project is located):

Tick the box(es) for all hosting Member State(s).

- | | | | |
|------------------------------------|---|-----------------------------------|---|
| <input type="checkbox"/> Austria | <input type="checkbox"/> Belgium | <input type="checkbox"/> Bulgaria | <input type="checkbox"/> Croatia |
| <input type="checkbox"/> Cyprus | <input type="checkbox"/> Czech Republic | <input type="checkbox"/> Denmark | <input type="checkbox"/> Estonia |
| <input type="checkbox"/> Finland | <input type="checkbox"/> France | <input type="checkbox"/> Germany | <input type="checkbox"/> Greece |
| <input type="checkbox"/> Hungary | <input type="checkbox"/> Ireland | <input type="checkbox"/> Italy | <input type="checkbox"/> Latvia |
| <input type="checkbox"/> Lithuania | <input type="checkbox"/> Luxembourg | <input type="checkbox"/> Malta | <input type="checkbox"/> Netherlands |
| <input type="checkbox"/> Poland | <input type="checkbox"/> Portugal | <input type="checkbox"/> Romania | <input type="checkbox"/> Slovakia |
| <input type="checkbox"/> Slovenia | <input type="checkbox"/> Spain | <input type="checkbox"/> Sweden | <input type="checkbox"/> United Kingdom |

7. Non-EU hosting countries:

In case parts of the project are located outside the territory of the EU Member States, enter the names of any non-EU countries where the project is located:

8. Non-hosting impacted EU Member States:

An impacted country is one in which the project is not located, but in which the project's effects are significant.

Tick the box(es) for all non-hosting EU Member State(s) impacted by the project:

- | | | | |
|------------------------------------|---|-----------------------------------|---|
| <input type="checkbox"/> Austria | <input type="checkbox"/> Belgium | <input type="checkbox"/> Bulgaria | <input type="checkbox"/> Croatia |
| <input type="checkbox"/> Cyprus | <input type="checkbox"/> Czech Republic | <input type="checkbox"/> Denmark | <input type="checkbox"/> Estonia |
| <input type="checkbox"/> Finland | <input type="checkbox"/> France | <input type="checkbox"/> Germany | <input type="checkbox"/> Greece |
| <input type="checkbox"/> Hungary | <input type="checkbox"/> Ireland | <input type="checkbox"/> Italy | <input type="checkbox"/> Latvia |
| <input type="checkbox"/> Lithuania | <input type="checkbox"/> Luxembourg | <input type="checkbox"/> Malta | <input type="checkbox"/> Netherlands |
| <input type="checkbox"/> Poland | <input type="checkbox"/> Portugal | <input type="checkbox"/> Romania | <input type="checkbox"/> Slovakia |
| <input type="checkbox"/> Slovenia | <input type="checkbox"/> Spain | <input type="checkbox"/> Sweden | <input type="checkbox"/> United Kingdom |

9. Impacted Energy Community Contracting Parties

Tick the box(es) for all Contracting Parties of the Energy Community impacted by the project:

- | | |
|---|--|
| <input type="checkbox"/> Albania | <input type="checkbox"/> Bosnia and Herzegovina |
| <input type="checkbox"/> FYR of Macedonia | <input type="checkbox"/> Moldova |
| <input type="checkbox"/> Montenegro | <input type="checkbox"/> Serbia |
| <input type="checkbox"/> Ukraine | <input type="checkbox"/> Kosovo* (* This designation is without prejudice to positions on status, and is in line with UNSCR 1244 and the ICJ Opinion on the Kosovo declaration of independence.) |

10. Impacted non-EU EEA countries

Tick the boxes for all non-EU EEA impacted countries:

- Iceland Liechtenstein
 Norway Switzerland

11. Other impacted non-EU countries:

List here those impacted countries which are not part of the EU, the Energy Community, or the EEA.

12. The PCI in the National Network Development Plans (NNDPs):

Enter the requested data (Member State, code of the project as it appears in the relevant NNDP, project name, year of publication in the NNDP):

Please double click the cell to enter the information.

	Member State	Project code in the NNDP	Project name	Year of publication in the NNDP
1)				
2)				
3)				
4)				
5)				

B. Relevant Competent Authorities

13. Relevant Competent Authorities:

Enter the requested data for each Competent Authority you have to submit the report to. Please indicate all relevant Competent Authorities.

Please double click the cell to enter the information.

	Name of the Competent Authority	Postal address of the Competent Authority
1)		
2)		
3)		
4)		
5)		

2. Technical information

14. Category(ies) of the PCI's infrastructure:

- Pipeline
- Compressor station
- Reverse flow

15. Brief project description:

(Attach maps and charts if available. Multiple files have to be compressed into one file and then uploaded.)

16. Origin point (location, country):

17. End point (location, country):

Section 1 of the project

18. Description of Section 1:

19. Length:

 km

20. Diameter:

 mm

21. Compressor power:

 MW

22. Capacity:

 GWh/d

23. Direction of flow:

Please indicate point of origin and point of destination of flow in normal mode of operation, such as "from country/ location X to country/ location Y". For reverse flow projects, the "reverse" direction of flow is the normal mode of operation:

24. Total number of compressor stations:

25. Maximum operating pressure:

 barg

26. Are there additional sections in the project?

If you answer "Yes", additional boxes will appear where data for the sections should be entered. If you answer "No", please proceed to Box 62 below.

- Yes (you can fill in the information for the additional sections of the project in the questions appearing below)
- No

Section 2 of the project

27. Description of Section 2:

28. Length:

 km

29. Diameter:

 mm

30. Compressor power:

 MW

31. Capacity:

 GWh/d

32. Direction of flow:

Please indicate point of origin and point of destination of flow in normal mode of operation, such as "from country/ location X to country/ location Y". For reverse flow projects, the "reverse" mode is the normal mode of operation:

33. Total number of compressor stations

34. Maximum operating pressure:

 barg

35. Are there additional sections in the project?

If you answer "Yes", additional boxes will appear where data for the sections should be entered. If you answer "No", please proceed to Box 62 below.

- Yes (you can fill in the information for the additional sections of the project in the questions appearing below)
- No

Section 3 of the project

36. Description of Section 3:

37. Length:

 km

38. Diameter:

 mm

39. Compressor power:

 MW

40. Capacity:

 GWh/d

41. Direction of flow:

Please indicate point of origin and point of destination of flow in normal mode of operation, such as "from country/ location X to country/ location Y". For reverse flow projects, the "reverse" mode is the normal mode of operation:

42. Total number of compressor stations

43. Maximum operating pressure:

 barg

44. Are there additional sections in the project?

If you answer "Yes", additional boxes will appear where data for the sections should be entered. If you answer "No", please proceed to Box 62 below.

- Yes (you can fill in the information for the additional sections of the project in the questions appearing below)
- No

Section 4 of the project

45. Description of Section 4:

46. Length:

 km

47. Diameter:

 mm

48. Compressor power:

 MW

49. Capacity:

 GWh/d

50. Direction of flow:

Please indicate point of origin and point of destination of flow in normal mode of operation, such as "from country/ location X to country/ location Y". For reverse flow projects, the "reverse" mode is the normal mode of operation:

51. Total number of compressor stations

52. Maximum operating pressure:

 barg

53. Are there additional sections in the project?

If you answer "Yes", additional boxes will appear where data for the sections should be entered. If you answer "No", please proceed to Box 62 below.

- Yes (you can fill in the information for the additional sections of the project in the questions appearing below)
- No

Other sections of the project

54. Description of the other section:

55. Length:

 km

56. Diameter:

 mm

57. Compressor power:

 MW

58. Capacity:

 GWh/d

59. Direction of flow:

Please indicate point of origin and point of destination of flow in normal mode of operation, such as "from country/ location X to country/ location Y". For reverse flow projects, the "reverse" mode is the normal mode of operation:

60. Total number of compressor stations:

61. Maximum operating pressure:

 barg

62. A brief description of major technical changes in any section of the project compared to the status at the time of the adoption of the 2013 PCI list (e.g. changes in origin or end point, length, diameter, number of sections, compressor power, etc.):

3. Expected costs

63. CAPEX (including materials and assembly costs, temporary solutions, environmental costs, and consenting/social costs):

 mln EUR as of 31 January 2015

64. Estimated CAPEX variation +/-, percent:

As of 31 January 2015.

 %

65. Has the CAPEX estimate changed after the adoption of the PCI list in 2013?

- Yes
- No
- Unknown

66. Do you intend to apply/ already applied for CEF Union financial assistance under Regulation (EU) 1316/2013?

- Already applied for
- Yes
- No
- Don't know

67. Please indicate whether the cost data may be published:

- Yes
- No

4. Expected benefits (in case a CBA analysis has already been performed)

68. Has a cost-benefit analysis already been performed?

If you answer "Yes", additional boxes will appear where data should be entered. If you answer "No", please proceed to Box 90 below.

- Yes
- No

69. Discounting rate used for NPV calculations in the CBA:

 %

70. Discounting period used in the CBA analysis:

Enter number of years, such as 10, 20, 25.

 years

71. Does the project contribute to market integration?

- Yes
- No
- Unknown

72. In case you have ticked "Yes" above, enter the estimated value of market integration in million Euro as of 31 January 2015:

 mln EUR in 2015 value

73. Does the project contribute to enhancement of competition?

- Yes
- No
- Unknown

74. In case you have ticked "Yes" above, please enter the estimated value of enhancement of competition in millions Euro as of 31 January 2015:

 mln EUR in 2015 value

75. Does the project enhance security of supply?

- Yes
- No
- Unknown

76. In case you have ticked "Yes" above, please enter the value of enhancement of security of supply in million Euro as of 31 January 2015:

mIn EUR in 2015 value

77. Does the project enhance sustainability?

- Yes
- No
- Unknown

78. In case you have ticked "Yes" above, please enter the value of enhancement of sustainability in million Euro as of 31 January 2015:

mIn EUR in 2015 value

Total value of net benefits per Member State concerned (in NPV million EUR 2015):

79. Member State 1:

80. Value of net benefits in Member State 1:

in NPV million EUR 2015

81. Member State 2:

82. Value of net benefits in Member State 2:

in NPV million EUR 2015

83. Member State 3:

84. Value of net benefits in Member State 3:

in NPV million EUR 2015

85. All other EU Member States and third countries:

86. Value of net benefits in all other EU Member States and third countries:

in NPV million EUR 2015

87. Methodology used for the assessment/monetisation of the above mentioned benefits:

Please describe the main features of the study (e.g. scope, type - market or network study; main questions covered).

88. Please indicate the geographical coverage of the assessment:

Please list the names of all countries covered by the CBA.

89. Please indicate the year of the benefits' assessment/monetisation:

year

If there is additional information or documents related to the study, you may upload them here (*If you would like to upload multiple documents, please compress them into one single file*):

5. Status and progress

90. Please indicate the current status of the PCI:

If other than "Commissioned" is selected, additional boxes will appear to provide further information.

- Under consideration
- Planned, but not yet in design and permitting phase
- Design and permitting
- Under construction
- Commissioned
- Cancelled

If the project is already "Commissioned" you don't need to provide any additional information. You have just FINISHED.

91. If the PCI was cancelled after the adoption of the 2013 Union list for PCIs, select the most important reason(s) for the cancellation:

You may choose more than one answer

- Studies which never turned into a planned investment
- Demand side changes/ uncertainties
- Supply side changes/ uncertainties
- Other related/ enabler investment changes/ cancellations
- Environmental reasons/ restrictions
- Other

92. A brief description of the main reason for cancellation (in particular when the answer "other" is selected). If there are complementary reasons (to the one already indicated), please list them here as well:

If the project is "Cancelled" you don't need to provide any additional information. You have just FINISHED.

A. Implementation schedule status

93. Implementation time schedule on project level:

Please indicate the project stage dates in the following format MM/YYYY.

	Status as of 31 Jan 2015 - <i>actual or expected start date of the activity</i>	Status as of 31 Jan 2015 - <i>actual or expected end date of the activity</i>	Status as of 2013 - <i>actual or expected start date of the activity</i>	Status as of 2013 - <i>actual or expected end date of the activity</i>
Consideration phase				
Planning approval				
Preliminary design studies				
Market test				
Preliminary investment decision				
Public consultation of Art.9(4) of Regulation 347/2013				
Permitting - pre-application procedure (if applicable)				
Permitting - EIA request and approval				
Permitting - statutory procedure (if applicable)				
Financing (which enables FID)				
Cross-border cost allocation request / decision (if applicable)				
Exemption request / decision (if applicable)				

Final investment decision				
Detailed design				
Tendering				
Construction				
Commissioning				

94. Provide a brief description of the type of works performed between the submission of candidate for the 2013 PCI list and 31 January 2015:

Indicate only types of works performed, such as, for example, studies, market test, procurement, construction, etc.

95. Please enter any additional important information about permit granting and consultation procedures:

96. Current project implementation schedule compared to the schedule in the 2013 Union list of PCIs:

If you answer "Delayed" or "Rescheduled", additional boxes will appear below.

- Ahead of the schedule
- On time
- Delayed
- Rescheduled

If the project is implemented "On time" or "Ahead of the schedule" you don't need to provide any additional information. You have just FINISHED.

97. If the PCI was rescheduled, select the most important reason(s) for the rescheduling:

- Demand side changes/ uncertainties
- Supply side changes/ uncertainties
- Correlated to other investment's changes
- Environmental reasons/ restrictions
- Technical issues
- Other

98. Please provide a brief description of the main reason(s) for rescheduling (in particular, when the answer "other" is selected), the rescheduling impact on costs and benefits (if any), and the project stage at which the rescheduling occurred:

99. Please quantify the rescheduling effect on the commissioning date (in months, zero if no rescheduling):

 months

B. Reasons for delays

100. Main reason for delay (that caused the longest delay - if applicable):

- Rerouting or resizing due to technical reasons
- Correlation with other delayed infrastructure investment
- Finalisation of agreements and coordination across borders
- Finalisation of agreements with third party promoters
- Permitting - preparation of dossiers by project promoter
- Permitting - rerouting or resizing due to cultural heritage, NIMBY
- Permitting - national law changes, including non-implementation of Regulation 347/2013 for enhanced permitting
- Permitting - permit granting delay other than law changes and re-routing / re-sizing
- Permitting - environmental issues
- Permitting - lawsuits and court proceedings
- Acquisition or access to land
- Financing reasons
- Tendering process
- Technological reasons (including re-routing and/or re-sizing initiated by the project promoter)
- Construction works
- Risks related to the national regulatory framework or future regulatory decisions
- Other - specify

101. Second reason for delay (if applicable):

- Rerouting or resizing due to technical reasons
- Correlation with other delayed infrastructure investment
- Finalisation of agreements and coordination across borders
- Finalisation of agreements with third party promoters
- Permitting - preparation of dossiers by project promoter
- Permitting - rerouting or resizing due to cultural heritage, NIMBY
- Permitting - national law changes, including non-implementation of Reg. 347/2013 for enhanced permitting
- Permitting - permit granting delay other than law changes and re-routing / re-sizing
- Permitting - environmental issues
- Permitting - lawsuits and court proceedings
- Acquisition or access to land
- Financing reasons
- Tendering process
- Technological reasons (including re-routing and/or re-sizing initiated by the project promoter)
- Construction works
- Risks related to the national regulatory framework or future regulatory decisions
- Other - specify

102. Third reason for delay (if applicable):

- Rerouting or resizing due to technical reasons
- Correlation with other delayed infrastructure investment
- Finalisation of agreements and coordination across borders
- Finalisation of agreements with third party promoters
- Permitting - preparation of dossiers by project promoter
- Permitting - rerouting or resizing due to cultural heritage, NIMBY
- Permitting - national law changes, including non-implementation of Regulation 347/2013 for enhanced permitting
- Permitting - permit granting delay other than law changes and re-routing / re-sizing
- Permitting - environmental issues
- Permitting - lawsuits and court proceedings
- Acquisition or access to land
- Financing reasons
- Tendering process
- Technological reasons (including re-routing and/or re-sizing initiated by the project promoter)
- Construction works
- Risks related to the national regulatory framework or future regulatory decisions
- Other - specify

103. Please provide a brief description of the main reason for delay (in particular when the answer "Other" is selected) and of the consequences of the delay (e.g. cost increases). Please explain why this delay was not expected.

104. A brief description of any other difficulties encountered (i.e. problems that resulted in project postponement no longer than six months and without causing a significant update in estimated costs or benefits):

105. Please quantify the delay effect on the commissioning date (in months, zero if no delay):

 months

C. Measures taken and recommendations to resolve delays and other difficulties

106. Measures taken by the project promoter or other relevant authorities (e.g. NRAs, Competent Authorities, ministries) to resolve the delays and other difficulties:

107. Recommendations by the project promoter or other relevant authorities to overcome the delays and other difficulties encountered:

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Monitoring of the implementation of Projects of Common Interest (PCIs) - UGS

Progress report for the implementation of
Projects of Common Interest (PCIs)
PCI list of 2013
Article 5(4) of Regulation (EU) 347/2013
Underground Gas Storage Facility

1. Project identification

A. Administrative details

1. Unique project code number (No X.Y. or X.Y.Z. in the 2013 Union list of PCIs):

Enter the project code number (No) as it appears in the first Union list of PCIs. The list is available for download from the link below.

2. Project name in the 2013 Union list of PCIs:

Enter the name of the project as it appears in the first Union list of PCIs.

You can access the 2013 Union list of PCIs via the link <http://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32013R1391&from=EN> or download the file below:

[CELEX 32013R1391 EN TXT.pdf](#)

3. PCI project promoter(s):

Enter the full legal name(s) of the promoter(s):

4. PCI website according to Article 9(7) of Regulation (EU) 347/2013:

Enter the link to the website of the PCI.

5. Code of the project in the EU TYNDP 2013-2022:

Enter the unique code assigned to the project in ENTSOG's TYNDP 2013-2022 (e.g. UGS-X-000).

6. Hosting EU Member State(s) (Member States where the project is located):

Tick the box(es) for all hosting Member State(s).

- | | | | |
|------------------------------------|---|-----------------------------------|---|
| <input type="checkbox"/> Austria | <input type="checkbox"/> Belgium | <input type="checkbox"/> Bulgaria | <input type="checkbox"/> Croatia |
| <input type="checkbox"/> Cyprus | <input type="checkbox"/> Czech Republic | <input type="checkbox"/> Denmark | <input type="checkbox"/> Estonia |
| <input type="checkbox"/> Finland | <input type="checkbox"/> France | <input type="checkbox"/> Germany | <input type="checkbox"/> Greece |
| <input type="checkbox"/> Hungary | <input type="checkbox"/> Ireland | <input type="checkbox"/> Italy | <input type="checkbox"/> Latvia |
| <input type="checkbox"/> Lithuania | <input type="checkbox"/> Luxembourg | <input type="checkbox"/> Malta | <input type="checkbox"/> Netherlands |
| <input type="checkbox"/> Poland | <input type="checkbox"/> Portugal | <input type="checkbox"/> Romania | <input type="checkbox"/> Slovakia |
| <input type="checkbox"/> Slovenia | <input type="checkbox"/> Spain | <input type="checkbox"/> Sweden | <input type="checkbox"/> United Kingdom |

7. Non-EU hosting countries:

In case parts of the project are located outside the territory of the EU Member States, enter the names of any non-EU countries where the project is located:

8. Non-hosting impacted EU Member States:

An impacted country is one in which the project is not located, but in which the project's effects are significant.

Tick the box(es) for all non-hosting EU Member State(s) impacted by the project:

- | | | | |
|------------------------------------|---|-----------------------------------|---|
| <input type="checkbox"/> Austria | <input type="checkbox"/> Belgium | <input type="checkbox"/> Bulgaria | <input type="checkbox"/> Croatia |
| <input type="checkbox"/> Cyprus | <input type="checkbox"/> Czech Republic | <input type="checkbox"/> Denmark | <input type="checkbox"/> Estonia |
| <input type="checkbox"/> Finland | <input type="checkbox"/> France | <input type="checkbox"/> Germany | <input type="checkbox"/> Greece |
| <input type="checkbox"/> Hungary | <input type="checkbox"/> Ireland | <input type="checkbox"/> Italy | <input type="checkbox"/> Latvia |
| <input type="checkbox"/> Lithuania | <input type="checkbox"/> Luxembourg | <input type="checkbox"/> Malta | <input type="checkbox"/> Netherlands |
| <input type="checkbox"/> Poland | <input type="checkbox"/> Portugal | <input type="checkbox"/> Romania | <input type="checkbox"/> Slovakia |
| <input type="checkbox"/> Slovenia | <input type="checkbox"/> Spain | <input type="checkbox"/> Sweden | <input type="checkbox"/> United Kingdom |

9. Impacted Energy Community Contracting Parties

Tick the box(es) for all Contracting Parties of the Energy Community impacted by the project:

- | | |
|---|--|
| <input type="checkbox"/> Albania | <input type="checkbox"/> Bosnia and Herzegovina |
| <input type="checkbox"/> FYR of Macedonia | <input type="checkbox"/> Moldova |
| <input type="checkbox"/> Montenegro | <input type="checkbox"/> Serbia |
| <input type="checkbox"/> Ukraine | <input type="checkbox"/> Kosovo* (* This designation is without prejudice to positions on status, and is in line with UNSCR 1244 and the ICJ Opinion on the Kosovo declaration of independence.) |

10. Impacted non-EU EEA countries

Tick the boxes for all non-EU EEA impacted countries:

- Iceland Liechtenstein
 Norway Switzerland

11. Other impacted non-EU countries:

List here those impacted countries which are not part of the EU, the Energy Community, or the EEA.

12. The PCI in the National Network Development Plans (NNDPs):

Enter the requested data (Member State, code of the project as it appears in the relevant NNDP, project name, year of publication in the NNDP):

Please double click the cell to enter the information.

	Member State	Project code in the NNDP	Project name	Year of publication in the NNDP
1)				
2)				
3)				
4)				
5)				

B. Relevant Competent Authorities

13. Relevant Competent Authorities:

Enter the requested data for each Competent Authority you have to submit the report to. Please indicate all relevant Competent Authorities.

Please double click the cell to enter the information.

	Name of the Competent Authority	Postal address of the Competent Authority
1)		
2)		
3)		
4)		
5)		

2. Technical information

14. Type of facility:

- Depleted field
- Acquirer
- Salt cavern
- Rock cavern
- Other (specify below)

15. Please specify if "Other" is checked above:

16. Brief project description:

(Attach maps and charts if available. Multiple files have to be compressed into one file and then uploaded.)

17. Volume of working gas

The amount of gas which can be extracted in total from the facility without causing damage or worsening the characteristics of the facility.

million cubic meters

18. Volume of cushion gas

The amount of gas which is necessary for the proper operation of the facility and whose extraction would cause damage or worsen the characteristics of the facility.

million cubic meters

19. Deliverability - withdrawal technical capacity

The maximum amount of gas which can be safely extracted from the facility in a day without causing damage or worsening the characteristics of the facility.

million cubic meters per day

20. Injection technical capacity

The maximum amount of gas which can be safely pumped into the facility in a day without causing damage or worsening the characteristics of the facility.

million cubic meters per day

21. Number of cycles:

The number of times per year when the storage operation mode is switched from injection to withdrawal, and vice versa. E.g. one cycle per year if gas is injected only during the summer and withdrawn only during the winter.

- One per year
- Two per year
- Multiple per year (more than two)
- Other (specify below)

22. Please specify if "Other" is checked above:

23. A brief description of major technical changes in the project compared to the status at the time of the adoption of the 2013 PCI list (e.g. changes in volume, deliverability, number of cycles, etc.):

3. Expected costs

24. CAPEX (including materials and assembly costs, cushion gas, temporary solutions, environmental costs, and consenting/social costs):

mIn EUR as of 31 January 2015

25. Estimated CAPEX variation +/-, percent:

As of 31 January 2015.

%

26. Has the CAPEX estimate changed after the adoption of the PCI list in 2013?

- Yes
- No
- Unknown

27. Do you intend to apply/ already applied for CEF Union financial assistance under Regulation (EU) 1316/2013?

- Already applied for
- Yes
- No
- Don't know

28. Please indicate whether the cost data may be published:

- Yes
- No

4. Expected benefits (in case a CBA analysis has already been performed)

29. Has a cost-benefit analysis already been performed?

If you answer "Yes", additional boxes will appear where data should be entered. If you answer "No", please proceed to Box 51 below.

- Yes
- No

30. Discounting rate used for NPV calculations in the CBA:

 %

31. Discounting period used in the CBA analysis:

Enter number of years, such as 10, 20, 25.

 years

32. Does the project contribute to market integration?

- Yes
- No
- Unknown

33. In case you have ticked "Yes" above, enter the estimated value of market integration in million Euro as of 31 January 2015:

 mln EUR in 2015 value

34. Does the project contribute to enhancement of competition?

- Yes
- No
- Unknown

35. In case you have ticked "Yes" above, please enter the estimated value of enhancement of competition in millions Euro as of 31 January 2015:

 mln EUR in 2015 value

36. Does the project enhance security of supply?

- Yes
- No
- Unknown

37. In case you have ticked "Yes" above, please enter the value of enhancement of security of supply in million Euro as of 31 January 2015:

mIn EUR in 2015 value

38. Does the project enhance sustainability?

- Yes
- No
- Unknown

39. In case you have ticked "Yes" above, please enter the value of enhancement of sustainability in million Euro as of 31 January 2015:

mIn EUR in 2015 value

Total value of net benefits per Member State concerned (in NPV million EUR 2015):

40. Member State 1:

41. Value of net benefits in Member State 1:

in NPV million EUR 2015

42. Member State 2:

43. Value of net benefits in Member State 2:

in NPV million EUR 2015

44. Member State 3:

45. Value of net benefits in Member State 3:

in NPV million EUR 2015

46. All other EU Member States and third countries:

47. Value of net benefits in all other EU Member States and third countries:

in NPV million EUR 2015

48. Methodology used for the assessment/monetisation of the above mentioned benefits:

Please describe the main features of the study (e.g. scope, type - market or network study; main questions covered).

49. Please indicate the geographical coverage of the assessment:

Please list the names of all countries covered by the CBA.

50. Please indicate the year of the benefits' assessment/monetisation:

year

If there is additional information or documents related to the study, you may upload them here (*If you would like to upload multiple documents, please compress them into one single file*):

5. Status and progress

51. Please indicate the current status of the PCI:

If other than "Commissioned" is selected, additional boxes will appear to provide further information.

- Under consideration
- Planned, but not yet in design and permitting phase
- Design and permitting
- Under construction
- Commissioned
- Cancelled

If the project is already "Commissioned" you don't need to provide any additional information. You have just FINISHED.

52. If the PCI was cancelled after the adoption of the 2013 Union list for PCIs, select the most important reason(s) for the cancellation:

You may choose more than one answer

- Studies which never turned into a planned investment
- Demand side changes/ uncertainties
- Supply side changes/ uncertainties
- Other related/ enabler investment changes/ cancellations
- Environmental reasons/ restrictions
- Other

53. A brief description of the main reason for cancellation (in particular when the answer "other" is selected). If there are complementary reasons (to the one already indicated), please list them here as well:

If the project is "Cancelled" you don't need to provide any additional information. You have just FINISHED.

A. Implementation schedule status

54. Implementation time schedule on project level:

Please indicate the project stage dates in the following format MM/YYYY.

	Status as of <u>31</u> <u>Jan 2015</u> - <i>actual or expected <u>start</u> <u>date of the</u> <u>activity</u></i>	Status as of <u>31</u> <u>Jan 2015</u> - <i>actual or expected <u>end</u> <u>date of the</u> <u>activity</u></i>	Status as of <u>2013</u> - <i>actual or expected <u>start date of</u> <u>the activity</u></i>	Status as of <u>2013</u> - <i>actual or expected <u>end date of</u> <u>the activity</u></i>
Consideration phase				
Planning approval				
Preliminary design studies				
Market test				
Preliminary investment decision				
Public consultation of Art.9(4) of Regulation 347/2013				
Permitting - pre-application procedure (if applicable)				
Permitting - EIA request and approval				
Permitting - statutory procedure (if applicable)				
Financing (which enables FID)				
Cross-border cost allocation request / decision (if applicable)				
Exemption request / decision (if applicable)				

Final investment decision				
Detailed design				
Tendering				
Construction				
Commissioning				

55. Provide a brief description of the type of works performed between the submission of candidate for the 2013 PCI list and 31 January 2015:

Indicate only types of works performed, such as, for example, studies, market test, procurement, construction, etc.

56. Please enter any additional important information about permit granting and consultation procedures:

57. Current project implementation schedule compared to the schedule in the 2013 Union list of PCIs:

If you answer "Delayed" or "Rescheduled", additional boxes will appear below.

- Ahead of the schedule
- On time
- Delayed
- Rescheduled

If the project is implemented "On time" or "Ahead of the schedule" you don't need to provide any additional information. You have just FINISHED.

58. If the PCI was rescheduled, select the most important reason(s) for the rescheduling:

- Demand side changes/ uncertainties
- Supply side changes/ uncertainties
- Correlated to other investment's changes
- Environmental reasons/ restrictions
- Technical issues
- Other

59. Please provide a brief description of the main reason(s) for rescheduling (in particular, when the answer "other" is selected), the rescheduling impact on costs and benefits (if any), and the project stage at which the rescheduling occurred:

60. Please quantify the rescheduling effect on the commissioning date (in months, zero if no rescheduling):

 months

B. Reasons for delays

61. Main reason for delay (that caused the longest delay - if applicable):

- Rerouting or resizing due to technical reasons
- Correlation with other delayed infrastructure investment
- Finalisation of agreements and coordination across borders
- Finalisation of agreements with third party promoters
- Permitting - preparation of dossiers by project promoter
- Permitting - rerouting or resizing due to cultural heritage, NIMBY
- Permitting - national law changes, including non-implementation of Regulation 347/2013 for enhanced permitting
- Permitting - permit granting delay other than law changes and re-routing / re-sizing
- Permitting - environmental issues
- Permitting - lawsuits and court proceedings
- Acquisition or access to land
- Financing reasons
- Tendering process
- Technological reasons (including re-routing and/or re-sizing initiated by the project promoter)
- Construction works
- Risks related to the national regulatory framework or future regulatory decisions
- Other - specify below

62. Second reason for delay (if applicable):

- Rerouting or resizing due to technical reasons
- Correlation with other delayed infrastructure investment
- Finalisation of agreements and coordination across borders
- Finalisation of agreements with third party promoters
- Permitting - preparation of dossiers by project promoter
- Permitting - rerouting or resizing due to cultural heritage, NIMBY
- Permitting - national law changes, including non-implementation of Reg. 347/2013 for enhanced permitting
- Permitting - permit granting delay other than law changes and re-routing / re-sizing
- Permitting - environmental issues
- Permitting - lawsuits and court proceedings
- Acquisition or access to land
- Financing reasons
- Tendering process
- Technological reasons (including re-routing and/or re-sizing initiated by the project promoter)
- Construction works
- Risks related to the national regulatory framework or future regulatory decisions
- Other - specify below

63. Third reason for delay (if applicable):

- Rerouting or resizing due to technical reasons
- Correlation with other delayed infrastructure investment
- Finalisation of agreements and coordination across borders
- Finalisation of agreements with third party promoters
- Permitting - preparation of dossiers by project promoter
- Permitting - rerouting or resizing due to cultural heritage, NIMBY
- Permitting - national law changes, including non-implementation of Regulation 347/2013 for enhanced permitting
- Permitting - permit granting delay other than law changes and re-routing / re-sizing
- Permitting - environmental issues
- Permitting - lawsuits and court proceedings
- Acquisition or access to land
- Financing reasons
- Tendering process
- Technological reasons (including re-routing and/or re-sizing initiated by the project promoter)
- Construction works
- Risks related to the national regulatory framework or future regulatory decisions
- Other - specify below

64. Please provide a brief description of the main reason for delay (in particular when the answer "Other" is selected) and of the consequences of the delay (e.g. cost increases). Please explain why this delay was not expected.

65. A brief description of any other difficulties encountered (i.e. problems that resulted in project postponement no longer than six months and without causing a significant update in estimated costs or benefits):

66. Please quantify the delay effect on the commissioning date (in months, zero if no delay):

 months

C. Measures taken and recommendations to resolve delays and other difficulties

67. Measures taken by the project promoter or other relevant authorities (e.g. NRAs, Competent Authorities, ministries) to resolve the delays and other difficulties:

68. Recommendations by the project promoter or other relevant authorities to overcome the delays and other difficulties encountered:

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