

## GRIP South

### ANNEX A: Infrastructure Projects

# 1 FRANCE

# 1.1 FRANCE

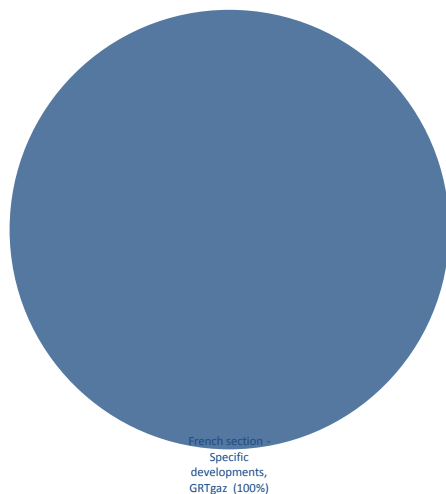
GRTgaz pipelines, including  
compression projects



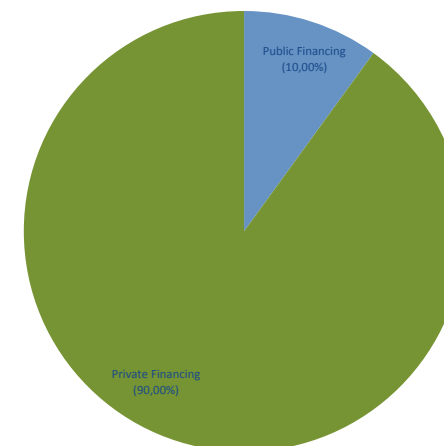
TRA-F-037	Entry capacity increase from Belgium to France	FID
-----------	--	-----

Pipeline including CS

SPONSORS	GENERAL INFORMATION	FINANCING
----------	---------------------	-----------



Promoter	GRTgaz
Operator	GRTgaz
TEN-E Project ?	Not part of TEN-E
Interested by PCI ?	No
IGAs	None
Web Link	<a href="http://www.grtgaz.com/fileadmin/plaquettes/en/10years2013_2022_EN.pdf">http://www.grtgaz.com/fileadmin/plaquettes/en/10years2013_2022_EN.pdf</a>



THIRD-PARTY ACCESS REGIME		SCHEDULE		TECHNICAL INFORMATION	
Considered TPA Regime	Regulated	End of permitting phase	2012	# of Pipelines, nodes, CS	1
Considered Tariff Regime	Regulated	FID	2010 Q2	Total Pipeline Length (km)	+51,00
Applied for Exemption ?	No	Construction	2012	Total Compressor Power (MW)	+8,00
Exemption granted ?	Not relevant	Commissioning	2013/4	Expected Load Factor	
% Exemption in entry direction	0%	Last completed Phase :	Permitting		
% Exemption in exit direction	0%				





PROJECTED CAPACITY INCREASES					
Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone
Blarégny (BE) / Taisnières (H) (FR) (Segeo/Troll)	Yes	entry	50,00	Hub Belgium	Hub France (PEG North)

DESCRIPTION OF THE PROJECT
Transmission systems development(s) in FR (and BE) to increase entry capacity in FR at Taisnières (from 590 to 640 GWh/d) - OS in 2009/2010

COMMENTS ABOUT THE PROJECT FINANCING		
Public financing	Private financing	Multilateral financing

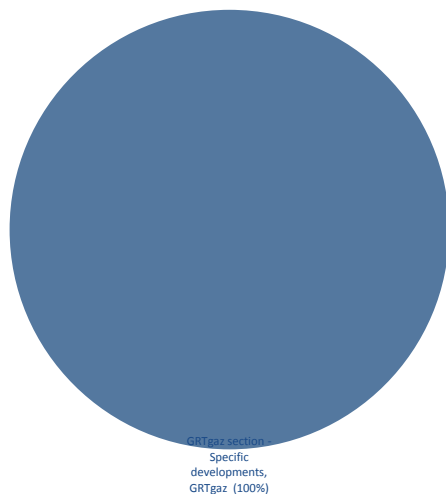




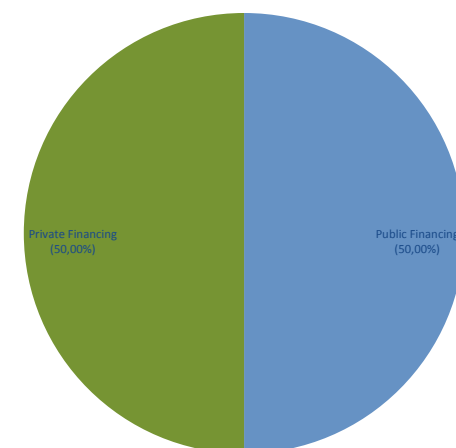
TRA-F-039	Iberian-French corridor: Western Axis (CS Chazelles)	FID
-----------	--	-----

Pipeline including CS

SPONSORS	GENERAL INFORMATION	FINANCING
----------	---------------------	-----------



Promoter	GRTgaz
Operator	GRTgaz
TEN-E Project ?	Not part of TEN-E
Interested by PCI ?	No
IGAs	None
Web Link	<a href="http://www.grtgaz.com/fileadmin/plaquettes/en/10years2013_2022_EN.pdf">http://www.grtgaz.com/fileadmin/plaquettes/en/10years2013_2022_EN.pdf</a>



THIRD-PARTY ACCESS REGIME		SCHEDULE		TECHNICAL INFORMATION	
Considered TPA Regime	Regulated	End of permitting phase	2012	# of Pipelines, nodes, CS	1
Considered Tariff Regime	Regulated	FID	2010 Q1	Total Pipeline Length (km)	
Applied for Exemption ?	No	Construction	2012	Total Compressor Power (MW)	+36,00
Exemption granted ?	Not relevant	Commissioning	2013/1	Expected Load Factor	
% Exemption in entry direction	0%	Last completed Phase :	Permitting		
% Exemption in exit direction	0%				





PROJECTED CAPACITY INCREASES					
Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone
PIR MIDI	Yes	entry	175,00	Hub France (PEG TIGF)	Hub France (PEG South)
	Yes	exit	70,00	Hub France (PEG South)	Hub France (PEG TIGF)

DESCRIPTION OF THE PROJECT
GRTgaz contribution to the transmission systems developments to develop FR-ES IP at Larrau and Biriadou, OS in 2009/2010

COMMENTS ABOUT THE PROJECT FINANCING		
Public financing	Private financing	Multilateral financing

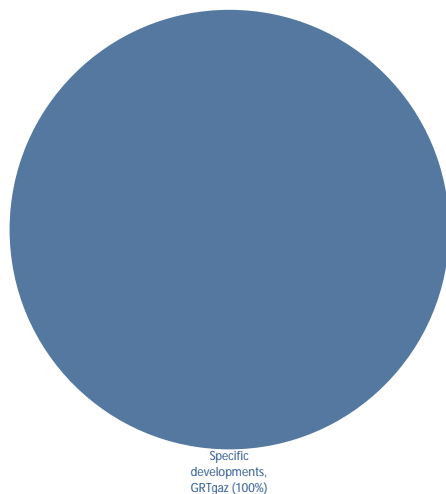




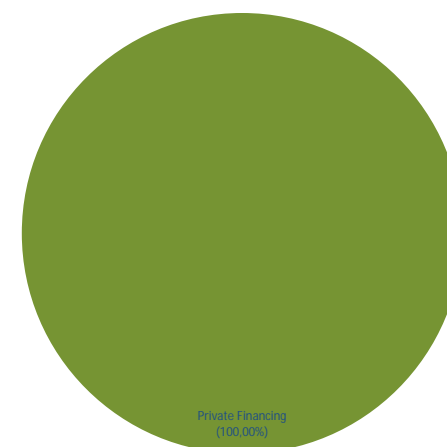
TRA-F-038	Developments for the Dunkerque LNG new terminal	FID
-----------	---	-----

Pipeline including CS

SPONSORS	GENERAL INFORMATION	FINANCING
----------	---------------------	-----------



Promoter	GRTgaz
Operator	GRTgaz
TEN-E Project ?	Not part of TEN-E
Interested by PCI ?	No
IGAs	None
Web Link	<a href="http://www.grtgaz.com/fileadmin/plaquettes/en/10years2013_2022_EN.pdf">http://www.grtgaz.com/fileadmin/plaquettes/en/10years2013_2022_EN.pdf</a>



THIRD-PARTY ACCESS REGIME		SCHEDULE		TECHNICAL INFORMATION	
Considered TPA Regime	Regulated	End of permitting phase	2013	# of Pipelines, nodes, CS	2
Considered Tariff Regime	Regulated	FID	2011 Q4	Total Pipeline Length (km)	+142,00
Applied for Exemption ?	No	Construction	2013	Total Compressor Power (MW)	
Exemption granted ?	Not relevant	Commissioning	2015/4	Expected Load Factor	
% Exemption in entry direction	0%	Last completed Phase :	FEED		
% Exemption in exit direction	0%				







PROJECTED CAPACITY INCREASES					
Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone
Dunkerque LNG / FRn	Yes	entry	250,00	Hub France (PEG North)	Hub France (PEG North)

DESCRIPTION OF THE PROJECT
The connection of the terminal needs spécific transmission system developement and core system developements (Arc de Dierrey)

COMMENTS ABOUT THE PROJECT FINANCING		
Public financing	Private financing	Multilateral financing

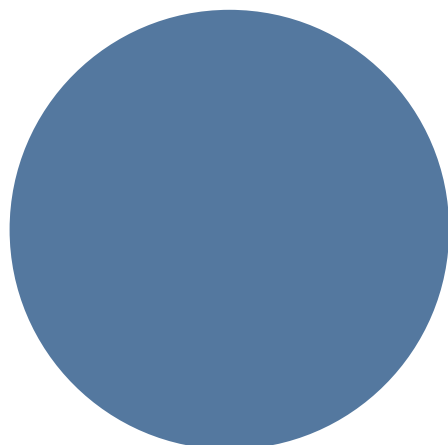




TRA-F-040	Reverse capacity from France to Belgium at Veurne	FID
-----------	---	-----

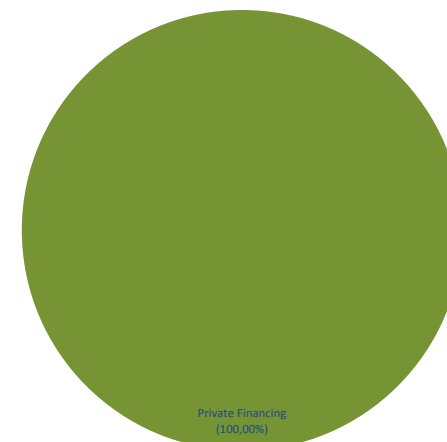
Pipeline including CS

SPONSORS	GENERAL INFORMATION	FINANCING
----------	---------------------	-----------



French section,  
GRTgaz (100%)

Promoter	GRTgaz
Operator	GRTgaz
TEN-E Project ?	Not part of TEN-E
Interested by PCI ?	Yes
IGAs	None
Web Link	<a href="http://www.grtgaz.com/fileadmin/plaquettes/en/10years2013_2022_EN.pdf">http://www.grtgaz.com/fileadmin/plaquettes/en/10years2013_2022_EN.pdf</a>



Private Financing  
(100,00%)

THIRD-PARTY ACCESS REGIME		SCHEDULE		TECHNICAL INFORMATION	
Considered TPA Regime	Regulated	End of permitting phase	2014	# of Pipelines, nodes, CS	1
Considered Tariff Regime	Regulated	FID	2012 Q2	Total Pipeline Length (km)	+26,00
Applied for Exemption ?	No	Construction	2014	Total Compressor Power (MW)	
Exemption granted ?	Not relevant	Commissioning	2015/4	Expected Load Factor	
% Exemption in entry direction	0%	Last completed Phase :	FID		
% Exemption in exit direction	0%				





PROJECTED CAPACITY INCREASES					
Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone
New IP FR-BE (FR) / Alveringem-Maldegem (BE)	Yes	exit	270,00	Hub France (PEG North)	Hub Belgium (Zeebrugge Beach)

DESCRIPTION OF THE PROJECT
New IP near Veurne between GRTgaz and Fluxys with capacity from FR to BE

COMMENTS ABOUT THE PROJECT FINANCING		
Public financing	Private financing	Multilateral financing



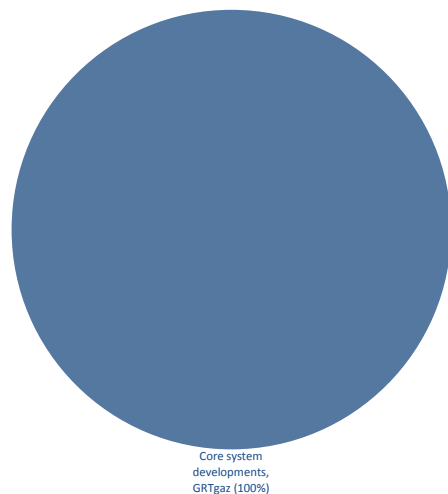
TRA-F-036

Arc de Dierrey

FID

Pipeline including CS

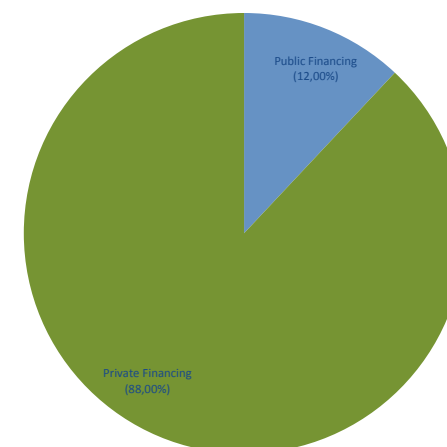
SPONSORS



GENERAL INFORMATION

Promoter	GRTgaz
Operator	GRTgaz
TEN-E Project ?	Not part of TEN-E
Interested by PCI ?	Yes
IGAs	None
Web Link	<a href="http://www.grtgaz.com/fileadmin/plaquettes/en/10years2013_2022_EN.pdf">http://www.grtgaz.com/fileadmin/plaquettes/en/10years2013_2022_EN.pdf</a>

FINANCING



THIRD-PARTY ACCESS REGIME

Considered TPA Regime	Regulated
Considered Tariff Regime	Regulated
Applied for Exemption ?	Not relevant
Exemption granted ?	Not relevant
% Exemption in entry direction	0%
% Exemption in exit direction	0%

SCHEDULE

End of permitting phase	2014
FID	2011 Q4
Construction	2014
Commissioning	2016
Last completed Phase :	FID

TECHNICAL INFORMATION

# of Pipelines, nodes, CS	2
Total Pipeline Length (km)	+308,00
Total Compressor Power (MW)	
Expected Load Factor	

## PROJECTED CAPACITY INCREASES

Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone
Dunkerque LNG / FRn	Yes	entry		Hub France (PEG North)	Hub France (PEG North)
Liaison Nord Sud	Yes	entry		Hub France (PEG North)	Hub France (PEG South)
	Yes	exit		Hub France (PEG South)	Hub France (PEG North)
Medelsheim (DE) / Obergailbach (FR)	Yes	exit		Hub France (PEG North)	Hub Germany (NCG)
Oltingue (FR) / Rodersdorf (CH)	Yes	exit		Hub France (PEG North)	Hub Switzerland

## DESCRIPTION OF THE PROJECT

This core system development is necessary for several projects in the North (Dunkerque LNG terminal, Merger of the North and South zones, Reverse capacity at Obergailbach, capacities increase at Oltingue)

## COMMENTS ABOUT THE PROJECT FINANCING

Public financing	Private financing	Multilateral financing

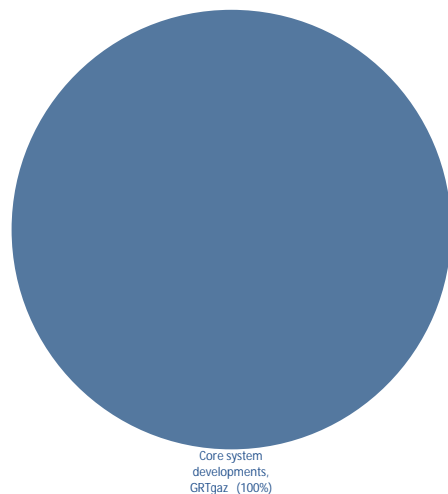
TRA-F-041

Eridan

FID

Pipeline including CS

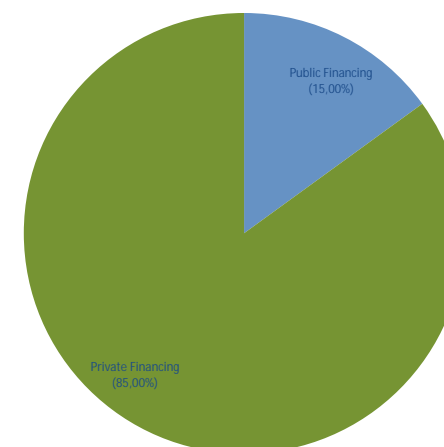
## SPONSORS



## GENERAL INFORMATION

Promoter	GRTgaz
Operator	GRTgaz
TEN-E Project ?	Not part of TEN-E
Interested by PCI ?	Yes
IGAs	None
Web Link	<a href="http://www.grtgaz.com/fileadmin/plaquettes/en/10years2013_2022_EN.pdf">http://www.grtgaz.com/fileadmin/plaquettes/en/10years2013_2022_EN.pdf</a>

## FINANCING



## THIRD-PARTY ACCESS REGIME

Considered TPA Regime	Regulated
Considered Tariff Regime	Regulated
Applied for Exemption ?	Not relevant
Exemption granted ?	Not relevant
% Exemption in entry direction	0%
% Exemption in exit direction	0%

## SCHEDULE

End of permitting phase	2015
FID	2011
Construction	2015
Commissioning	2017
Last completed Phase :	FID

## TECHNICAL INFORMATION

# of Pipelines, nodes, CS	1
Total Pipeline Length (km)	+220,00
Total Compressor Power (MW)	
Expected Load Factor	



PROJECTED CAPACITY INCREASES					
Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone
Liaison Nord Sud	Yes	exit		Hub France (PEG South)	Hub France (PEG North)
	Yes	entry		Hub France (PEG North)	Hub France (PEG South)
PIR MIDI	Yes	entry		Hub France (PEG TIGF)	Hub France (PEG South)
Fos (Tonkin/Cavaou)	Yes	entry		LNG Terminals France (PEG	Hub France (PEG South)
PIR MIDI	Yes	exit		Hub France (PEG South)	Hub France (PEG TIGF)

DESCRIPTION OF THE PROJECT
<p>This development of the core transmission system, Saint Martin de Crau - Saint Avit pipeline, is necessary for entry/exit capacity increases in the South zone and to merge the North an South zones.</p>

COMMENTS ABOUT THE PROJECT FINANCING		
Public financing	Private financing	Multilateral financing
EEPR		

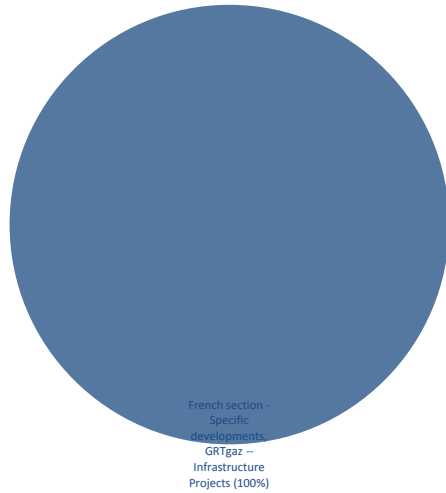




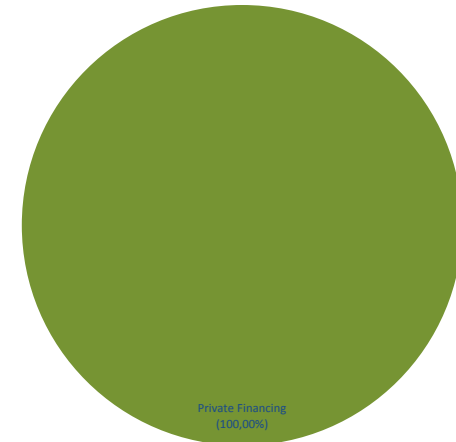
TRA-N-045	Reverse capacity from CH to FR at Oltingue	Non-FID
-----------	--	---------

Pipeline including CS

SPONSORS	GENERAL INFORMATION	FINANCING
----------	---------------------	-----------



Promoter	GRTgaz
Operator	GRTgaz
TEN-E Project ?	Not part of TEN-E
Interested by PCI ?	Yes
IGAs	None
Web Link	<a href="http://www.grtgaz.com/fileadmin/plaquettes/en/10years2013_2022_EN.pdf">http://www.grtgaz.com/fileadmin/plaquettes/en/10years2013_2022_EN.pdf</a>



THIRD-PARTY ACCESS REGIME		SCHEDULE		TECHNICAL INFORMATION	
Considered TPA Regime	Regulated	End of permitting phase		# of Pipelines, nodes, CS	1
Considered Tariff Regime	Regulated	FID		Total Pipeline Length (km)	
Applied for Exemption ?	Not relevant	Construction		Total Compressor Power (MW)	
Exemption granted ?	Not relevant	Commissioning	2017	Expected Load Factor	
% Exemption in entry direction	0%	Last completed Phase :	Planned		
% Exemption in exit direction	0%				







PROJECTED CAPACITY INCREASES					
Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone

DESCRIPTION OF THE PROJECT
Developements needed to create this reverse capacity

COMMENTS ABOUT THE PROJECT FINANCING		
Public financing	Private financing	Multilateral financing

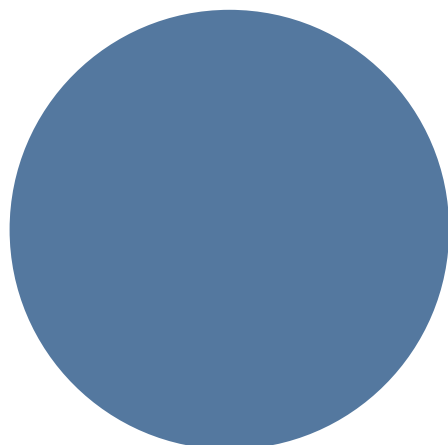




TRA-N-042	New interconnection IT-FR to connect Corsica	Non-FID
-----------	--	---------

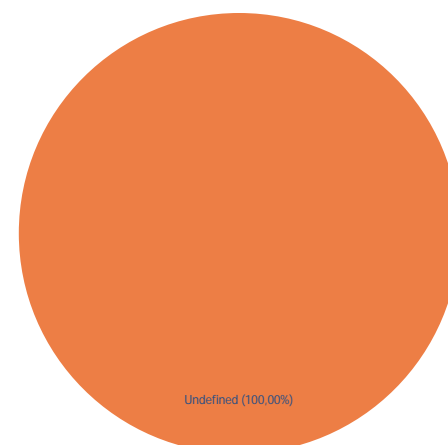
Pipeline including CS

SPONSORS	GENERAL INFORMATION	FINANCING
----------	---------------------	-----------



French section,  
GRTgaz (100%)

Promoter	GRTgaz
Operator	GRTgaz
TEN-E Project ?	Not part of TEN-E
Interested by PCI ?	Yes
IGAs	None
Web Link	<a href="http://www.grtgaz.com/fileadmin/plaquettes/en/10years2013_2022_EN.pdf">http://www.grtgaz.com/fileadmin/plaquettes/en/10years2013_2022_EN.pdf</a>



Undefined (100.00%)

THIRD-PARTY ACCESS REGIME		SCHEDULE		TECHNICAL INFORMATION	
Considered TPA Regime	Regulated	End of permitting phase		# of Pipelines, nodes, CS	2
Considered Tariff Regime	Regulated	FID		Total Pipeline Length (km)	+320,00
Applied for Exemption ?	Not relevant	Construction		Total Compressor Power (MW)	
Exemption granted ?	Not relevant	Commissioning	2018	Expected Load Factor	
% Exemption in entry direction	0%	Last completed Phase :	Planned		
% Exemption in exit direction	0%				





PROJECTED CAPACITY INCREASES					
Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone
Porto-Vecchio	No	entry	20,00	Hub Italia (Sardinia)	Hub France (Corsica)

DESCRIPTION OF THE PROJECT
This project is linked to the GALSI project and includes an offshore pipeline from Sardinia to Corsica and onshore pipelines in Corsica

COMMENTS ABOUT THE PROJECT FINANCING		
Public financing	Private financing	Multilateral financing
Expected		

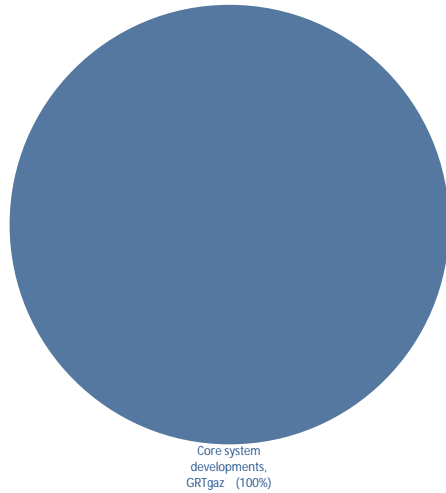




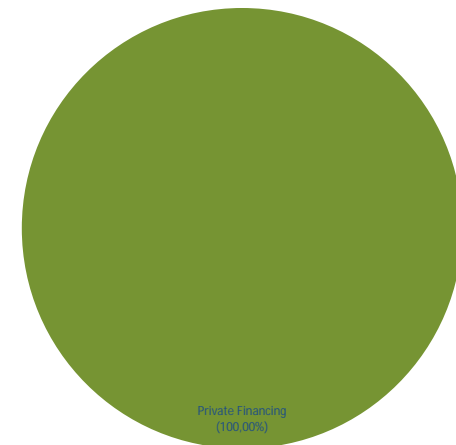
TRA-N-043	Val de Saône project	Non-FID
-----------	----------------------	---------

Pipeline including CS

SPONSORS	GENERAL INFORMATION	FINANCING
----------	---------------------	-----------



Promoter	GRTgaz
Operator	GRTgaz
TEN-E Project ?	Not part of TEN-E
Interested by PCI ?	Yes
IGAs	None
Web Link	<a href="http://www.grtgaz.com/fileadmin/plaquettes/en/10years2013_2022_EN.pdf">http://www.grtgaz.com/fileadmin/plaquettes/en/10years2013_2022_EN.pdf</a>



THIRD-PARTY ACCESS REGIME		SCHEDULE		TECHNICAL INFORMATION	
Considered TPA Regime	Regulated	End of permitting phase		# of Pipelines, nodes, CS	1
Considered Tariff Regime	Regulated	FID		Total Pipeline Length (km)	+190,00
Applied for Exemption ?	Not relevant	Construction		Total Compressor Power (MW)	+9,00
Exemption granted ?	Not relevant	Commissioning	2018	Expected Load Factor	
% Exemption in entry direction	0%	Last completed Phase :	Planned		
% Exemption in exit direction	0%				





PROJECTED CAPACITY INCREASES					
Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone
Liaison Nord Sud	Yes	entry	999,00	Hub France (PEG North)	Hub France (PEG South)
	Yes	exit	999,00	Hub France (PEG South)	Hub France (PEG North)

DESCRIPTION OF THE PROJECT

This reinforcement of the French Network consists in the looping of the Bourgogne pipeline (between Etrez and Voisines). In addition to the projets Arc de Dierrey in the North and ERIDAN in the South, this project is needed to merge GRTgaz's North and South market zones.

COMMENTS ABOUT THE PROJECT FINANCING		
Public financing	Private financing	Multilateral financing

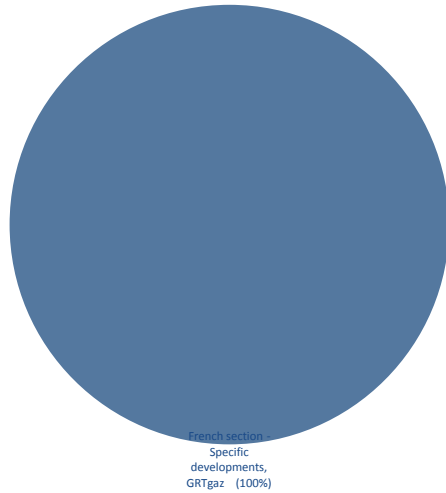




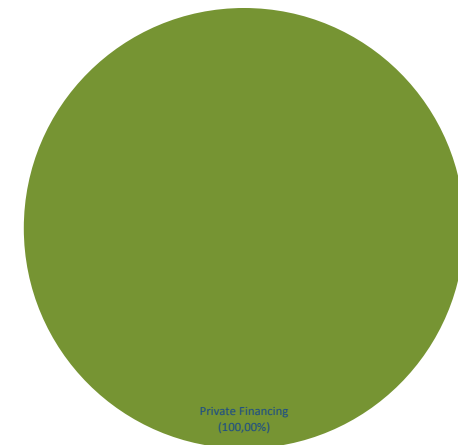
TRA-N-044	New interconnection to Luxembourg	Non-FID
-----------	-----------------------------------	---------

Pipeline including CS

SPONSORS	GENERAL INFORMATION	FINANCING
----------	---------------------	-----------



Promoter	GRTgaz
Operator	GRTgaz
TEN-E Project ?	Not part of TEN-E
Interested by PCI ?	Yes
IGAs	None
Web Link	<a href="http://www.grtgaz.com/en/home/major-projects/plan-decennal/10-year-development/">www.grtgaz.com/en/home/major-projects/plan-decennal/10-year-development/</a>



THIRD-PARTY ACCESS REGIME		SCHEDULE		TECHNICAL INFORMATION	
Considered TPA Regime	Regulated	End of permitting phase		# of Pipelines, nodes, CS	2
Considered Tariff Regime	Regulated	FID		Total Pipeline Length (km)	+71,00
Applied for Exemption ?	No	Construction		Total Compressor Power (MW)	
Exemption granted ?	Not relevant	Commissioning	2018	Expected Load Factor	
% Exemption in entry direction	0%	Last completed Phase :	Planned		
% Exemption in exit direction	0%				





PROJECTED CAPACITY INCREASES					
Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone
New IP France/Luxemburg	Yes	exit	9,00	Hub France (PEG North)	Hub Luxemburg
	Yes	exit	40,00	Hub France (PEG North)	Hub Luxemburg

DESCRIPTION OF THE PROJECT
New interconnection for additional firm entry capacity from France to Luxembourg

COMMENTS ABOUT THE PROJECT FINANCING		
Public financing	Private financing	Multilateral financing

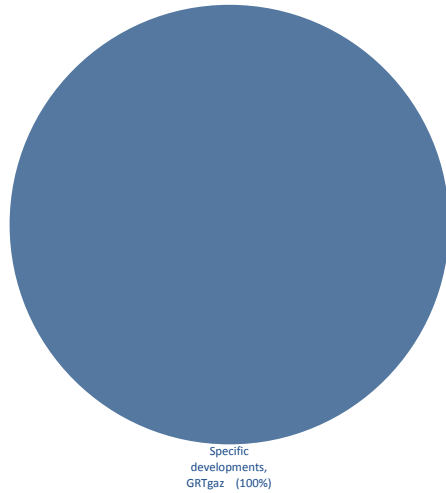




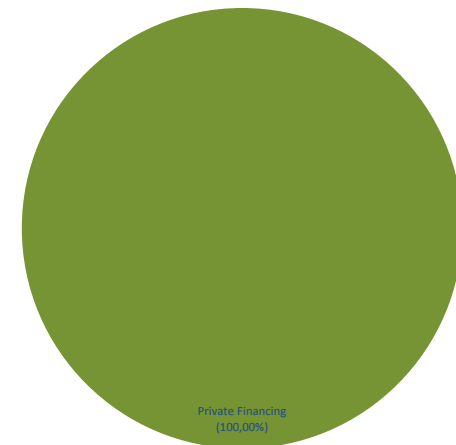
TRA-N-048	Developments for Montoir LNG terminal expansion at 12,5bcm - 1	Non-FID
-----------	--	---------

Pipeline including CS

SPONSORS	GENERAL INFORMATION	FINANCING
----------	---------------------	-----------



Promoter	GRTgaz
Operator	GRTgaz
TEN-E Project ?	Not part of TEN-E
Interested by PCI ?	No
IGAs	None
Web Link	<a href="http://www.grtgaz.com/fileadmin/plaquettes/en/10years2013_2022_EN.pdf">http://www.grtgaz.com/fileadmin/plaquettes/en/10years2013_2022_EN.pdf</a>



THIRD-PARTY ACCESS REGIME		SCHEDULE		TECHNICAL INFORMATION	
Considered TPA Regime	Regulated	End of permitting phase		# of Pipelines, nodes, CS	1
Considered Tariff Regime	Regulated	FID		Total Pipeline Length (km)	+63,00
Applied for Exemption ?	Not relevant	Construction		Total Compressor Power (MW)	+10,00
Exemption granted ?	Not relevant	Commissioning	2018	Expected Load Factor	
% Exemption in entry direction	0%	Last completed Phase :	Planned		
% Exemption in exit direction	0%				







PROJECTED CAPACITY INCREASES					
Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone
Montoir de Bretagne	Yes	entry	55,00	LNG Terminals France (PEG	Hub France (PEG North)

DESCRIPTION OF THE PROJECT
This entry capacity increase at Montoir only needs specific developments.

COMMENTS ABOUT THE PROJECT FINANCING		
Public financing	Private financing	Multilateral financing

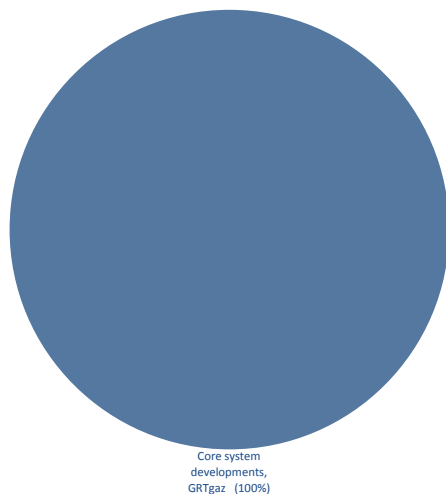




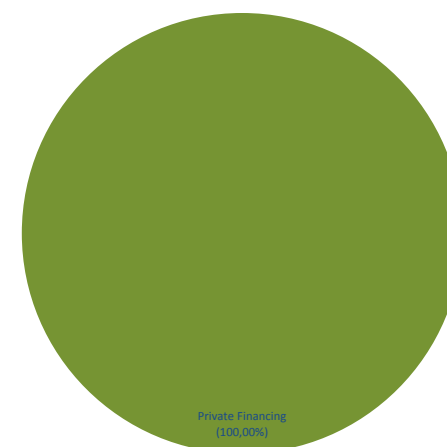
TRA-N-253	Est Lyonnais pipeline	Non-FID
-----------	-----------------------	---------

Pipeline including CS

SPONSORS	GENERAL INFORMATION	FINANCING
----------	---------------------	-----------



Promoter	GRTgaz
Operator	GRTgaz
TEN-E Project ?	Not part of TEN-E
Interested by PCI ?	Yes
IGAs	None
Web Link	<a href="http://www.grtgaz.com/fileadmin/plaquettes/en/10years2013_2022_EN.pdf">http://www.grtgaz.com/fileadmin/plaquettes/en/10years2013_2022_EN.pdf</a>



THIRD-PARTY ACCESS REGIME		SCHEDULE		TECHNICAL INFORMATION	
Considered TPA Regime	Regulated	End of permitting phase		# of Pipelines, nodes, CS	3
Considered Tariff Regime	Regulated	FID	2015	Total Pipeline Length (km)	+170,00
Applied for Exemption ?	No	Construction		Total Compressor Power (MW)	
Exemption granted ?	Not relevant	Commissioning	2019	Expected Load Factor	
% Exemption in entry direction	0%	Last completed Phase :	Planned		
% Exemption in exit direction	0%				





PROJECTED CAPACITY INCREASES					
Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone
Fos (Tonkin/Cavaou)	Yes	entry		LNG Terminals France (PEG	Hub France (PEG South)

DESCRIPTION OF THE PROJECT
This development of the core transmission system is necessary to develop entry capacity in the South (Fos Projects, IP with Spain, storages) and contribute to the South-North corridor in Western Europe

COMMENTS ABOUT THE PROJECT FINANCING		
Public financing	Private financing	Multilateral financing

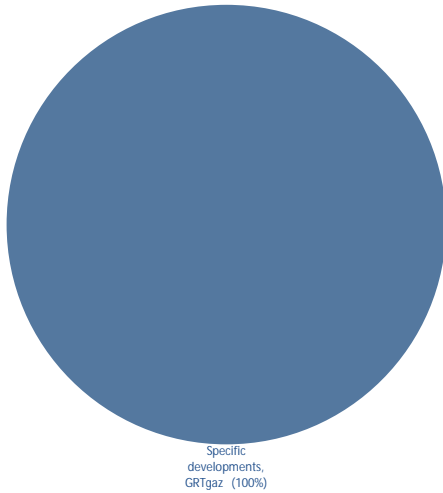




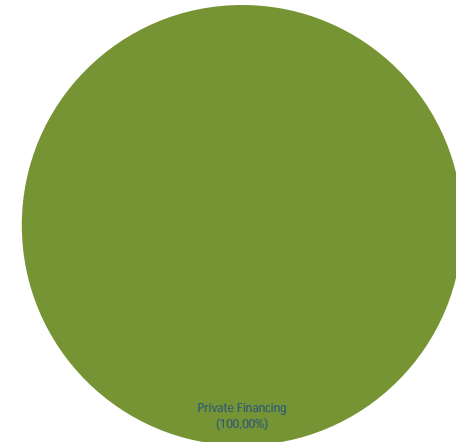
TRA-N-254	Developments for the Fos faster LNG new terminal	Non-FID
-----------	--	---------

Pipeline including CS

SPONSORS	GENERAL INFORMATION	FINANCING
----------	---------------------	-----------



Promoter	GRTgaz
Operator	GRTgaz
TEN-E Project ?	Not part of TEN-E
Interested by PCI ?	No
IGAs	None
Web Link	<a href="http://www.grtgaz.com/fileadmin/plaquettes/en/10years2013_2022_EN.pdf">http://www.grtgaz.com/fileadmin/plaquettes/en/10years2013_2022_EN.pdf</a>



THIRD-PARTY ACCESS REGIME		SCHEDULE		TECHNICAL INFORMATION	
Considered TPA Regime	Regulated	End of permitting phase		# of Pipelines, nodes, CS	1
Considered Tariff Regime	Regulated	FID	2015	Total Pipeline Length (km)	+30,00
Applied for Exemption ?	No	Construction		Total Compressor Power (MW)	
Exemption granted ?	Not relevant	Commissioning	2019	Expected Load Factor	
% Exemption in entry direction	0%	Last completed Phase :	Planned		
% Exemption in exit direction	0%				





PROJECTED CAPACITY INCREASES					
Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone
Fos (Tonkin/Cavaou)	Yes	entry	255,00	LNG Terminals France (PEG	Hub France (PEG South)
	No	entry	383,00	LNG Terminals France (PEG	Hub France (PEG South)

DESCRIPTION OF THE PROJECT
In addition to this specific connection, the reinforcement of the core transmission system is also needed (ERIDAN, East Lyonnais pipeline,Bourgogne and/or compressions depending on the developments already realized)

COMMENTS ABOUT THE PROJECT FINANCING		
Public financing	Private financing	Multilateral financing

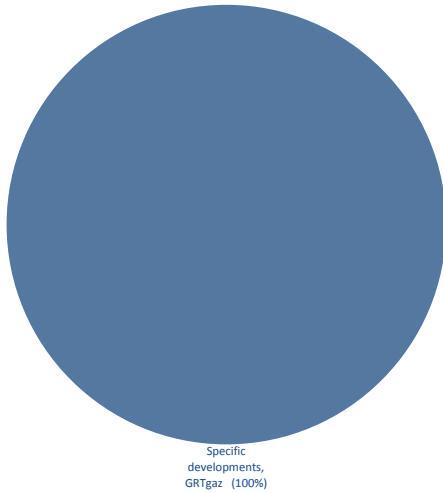




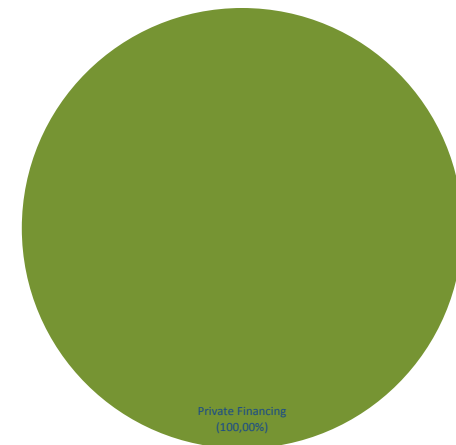
TRA-N-255	Fos Tonkin LNG expansion	Non-FID
-----------	--------------------------	---------

Pipeline including CS

SPONSORS	GENERAL INFORMATION	FINANCING
----------	---------------------	-----------



Promoter	GRTgaz
Operator	GRTgaz
TEN-E Project ?	Not part of TEN-E
Interested by PCI ?	no
IGAs	None
Web Link	<a href="http://www.grtgaz.com/fileadmin/plaquettes/en/10years2013_2022_EN.pdf">http://www.grtgaz.com/fileadmin/plaquettes/en/10years2013_2022_EN.pdf</a>



THIRD-PARTY ACCESS REGIME		SCHEDULE		TECHNICAL INFORMATION	
Considered TPA Regime	Regulated	End of permitting phase		# of Pipelines, nodes, CS	1
Considered Tariff Regime	Regulated	FID		Total Pipeline Length (km)	
Applied for Exemption ?	No	Construction		Total Compressor Power (MW)	
Exemption granted ?	Not relevant	Commissioning	2019	Expected Load Factor	
% Exemption in entry direction	0%	Last completed Phase :	Planned		
% Exemption in exit direction	0%				





PROJECTED CAPACITY INCREASES					
Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone
Fos (Tonkin/Cavaou)	Yes	entry	80,00	LNG Terminals France (PEG	Hub France (PEG South)

DESCRIPTION OF THE PROJECT
Only core system developments are needed for this expansion : they will depend on the other entry capacity increases in the South zone

COMMENTS ABOUT THE PROJECT FINANCING		
Public financing	Private financing	Multilateral financing

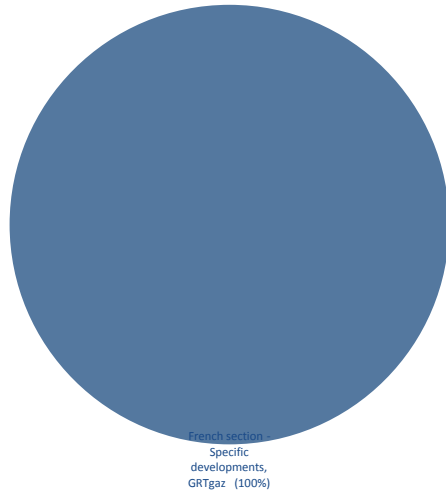




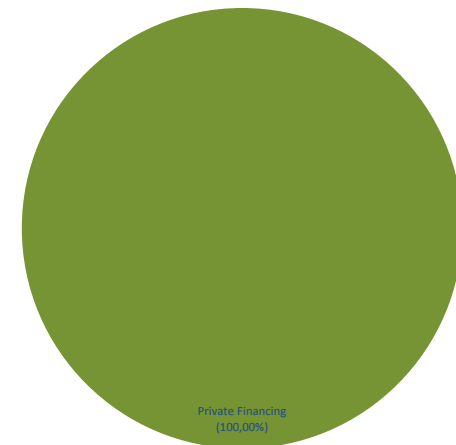
TRA-N-047	Reverse capacity from France to Germany at Obergailbach	Non-FID
-----------	---	---------

Pipeline including CS

SPONSORS	GENERAL INFORMATION	FINANCING
----------	---------------------	-----------



Promoter	GRTgaz
Operator	GRTgaz
TEN-E Project ?	Not part of TEN-E
Interested by PCI ?	Yes
IGAs	None
Web Link	<a href="http://www.grtgaz.com/fileadmin/plaquettes/en/10years2013_2022_EN.pdf">http://www.grtgaz.com/fileadmin/plaquettes/en/10years2013_2022_EN.pdf</a>



THIRD-PARTY ACCESS REGIME		SCHEDULE		TECHNICAL INFORMATION	
Considered TPA Regime	Regulated	End of permitting phase		# of Pipelines, nodes, CS	1
Considered Tariff Regime	Regulated	FID		Total Pipeline Length (km)	+60,00
Applied for Exemption ?	No	Construction		Total Compressor Power (MW)	+42,00
Exemption granted ?	Not relevant	Commissioning	2020	Expected Load Factor	
% Exemption in entry direction	0%	Last completed Phase :	Planned		
% Exemption in exit direction	0%				







PROJECTED CAPACITY INCREASES					
Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone
Medelsheim (DE) / Obergailbach (FR)	No	exit	180,00	Hub France (PEG North)	Hub Germany (NCG)
	Yes	exit	100,00	Hub France (PEG North)	Hub Germany (NCG)
	No	exit	250,00	Hub France (PEG North)	Hub Germany (NCG)

DESCRIPTION OF THE PROJECT
This project includes pipelines (including compression) and changes in the odorisation system (replacing odoristaion stations at the entry of the transmission system by odorisation stations at the entry of the regional networks)

COMMENTS ABOUT THE PROJECT FINANCING		
Public financing	Private financing	Multilateral financing



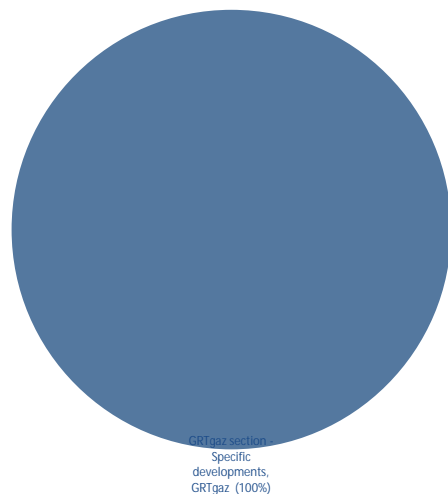
TRA-N-256

Iberian-French corridor: Eastern Axis-Midcat Project (CS Montpellier and CS Saint Martin de Crau)

Non-FID

Pipeline including CS

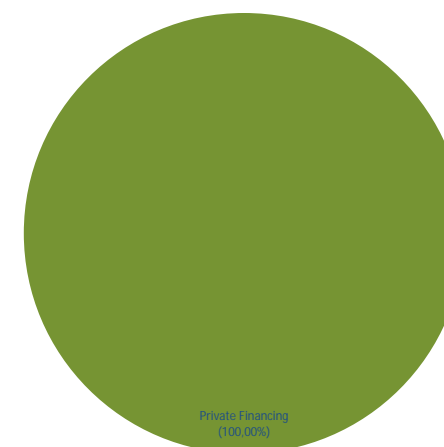
SPONSORS



GENERAL INFORMATION

Promoter	GRTgaz
Operator	GRTgaz
TEN-E Project ?	Not part of TEN-E
Interested by PCI ?	yes
IGAs	None
Web Link	<a href="http://www.grtgaz.com/fileadmin/plaquettes/en/10years2013_2022_EN.pdf">http://www.grtgaz.com/fileadmin/plaquettes/en/10years2013_2022_EN.pdf</a>

FINANCING



THIRD-PARTY ACCESS REGIME

Considered TPA Regime	Regulated
Considered Tariff Regime	Regulated
Applied for Exemption ?	No
Exemption granted ?	Not relevant
% Exemption in entry direction	0%
% Exemption in exit direction	0%

SCHEDULE

End of permitting phase	
FID	
Construction	
Commissioning	2021
Last completed Phase :	Planned

TECHNICAL INFORMATION

# of Pipelines, nodes, CS	1
Total Pipeline Length (km)	
Total Compressor Power (MW)	+30,00
Expected Load Factor	



PROJECTED CAPACITY INCREASES					
Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone
PIR MIDI	Yes	entry	230,00	Hub France (PEG TIGF)	Hub France (PEG South)
	Yes	exit	80,00	Hub France (PEG South)	Hub France (PEG TIGF)

DESCRIPTION OF THE PROJECT
GRTgaz contribution to develop a new FR-ES IP on the Eastern axis -MidCat. In addition to these specific developments, the reinforcement of the core transmission system is also needed (ERIDAN, Arc Lyonnais pipeline, Val de Saône project and/or compressions depending on the developments already realized)

COMMENTS ABOUT THE PROJECT FINANCING		
Public financing	Private financing	Multilateral financing

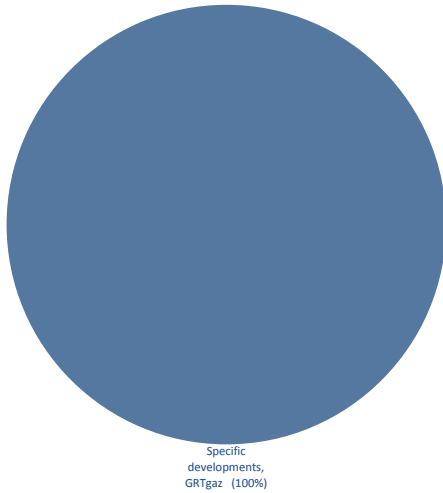




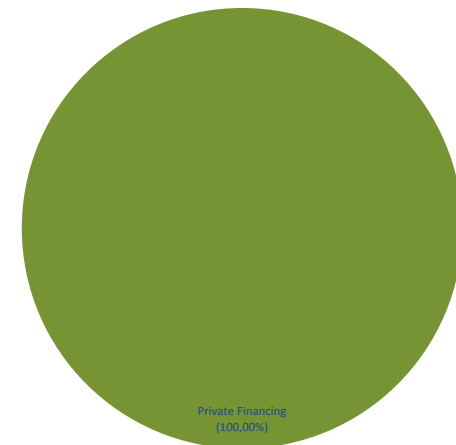
TRA-N-269	Fosmax (Cavaou) LNG expansion	Non-FID
-----------	-------------------------------	---------

Pipeline including CS

SPONSORS	GENERAL INFORMATION	FINANCING
----------	---------------------	-----------



Promoter	GRTgaz
Operator	GRTgaz
TEN-E Project ?	Not part of TEN-E
Interested by PCI ?	no
IGAs	None
Web Link	<a href="http://www.grtgaz.com/fileadmin/plaquettes/en/10years2013_2022_EN.pdf">http://www.grtgaz.com/fileadmin/plaquettes/en/10years2013_2022_EN.pdf</a>



THIRD-PARTY ACCESS REGIME		SCHEDULE		TECHNICAL INFORMATION	
Considered TPA Regime	Regulated	End of permitting phase		# of Pipelines, nodes, CS	1
Considered Tariff Regime	Regulated	FID		Total Pipeline Length (km)	
Applied for Exemption ?	No	Construction		Total Compressor Power (MW)	
Exemption granted ?	Not relevant	Commissioning	2020	Expected Load Factor	
% Exemption in entry direction	0%	Last completed Phase :	Planned		
% Exemption in exit direction	0%				





PROJECTED CAPACITY INCREASES					
Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone
Fos (Tonkin/Cavaou)	Yes	entry	327,00	LNG Terminals France (PEG	Hub France (PEG South)

DESCRIPTION OF THE PROJECT
Only core system developments are needed for this expansion : they will depend on the other entry capacity increases in the South zone.

COMMENTS ABOUT THE PROJECT FINANCING		
Public financing	Private financing	Multilateral financing

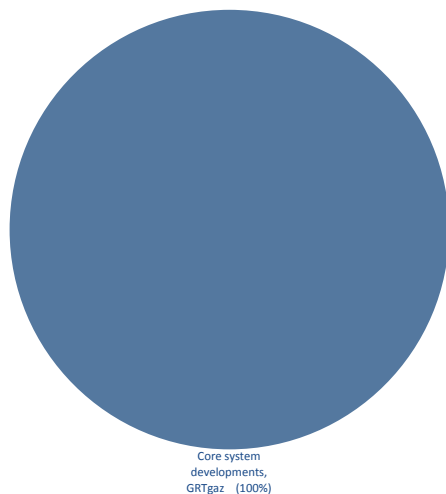




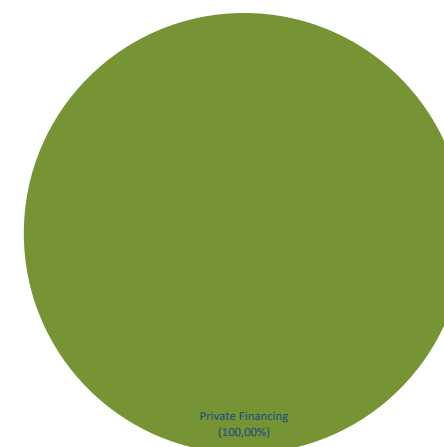
TRA-N-257	New line Between Chemery and Dierrey	Non-FID
-----------	--------------------------------------	---------

Pipeline including CS

SPONSORS	GENERAL INFORMATION	FINANCING
----------	---------------------	-----------



Promoter	GRTgaz
Operator	GRTgaz
TEN-E Project ?	Not part of TEN-E
Interested by PCI ?	No
IGAs	None
Web Link	<a href="http://www.grtgaz.com/fileadmin/plaquettes/en/10years2013_2022_EN.pdf">http://www.grtgaz.com/fileadmin/plaquettes/en/10years2013_2022_EN.pdf</a>



THIRD-PARTY ACCESS REGIME		SCHEDULE		TECHNICAL INFORMATION	
Considered TPA Regime	Regulated	End of permitting phase		# of Pipelines, nodes, CS	1
Considered Tariff Regime	Regulated	FID		Total Pipeline Length (km)	+210,00
Applied for Exemption ?	Not relevant	Construction		Total Compressor Power (MW)	
Exemption granted ?	Not relevant	Commissioning	2021	Expected Load Factor	
% Exemption in entry direction	0%	Last completed Phase :	Planned		
% Exemption in exit direction	0%				





PROJECTED CAPACITY INCREASES					
Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone
Montoir de Bretagne	Yes	entry		LNG Terminals France (PEG	Hub France (PEG North)

DESCRIPTION OF THE PROJECT
This core system development develop West-East capacity transit necessary for Montoir LNG terminal expansion2 and firm reverse flow to Germany

COMMENTS ABOUT THE PROJECT FINANCING		
Public financing	Private financing	Multilateral financing

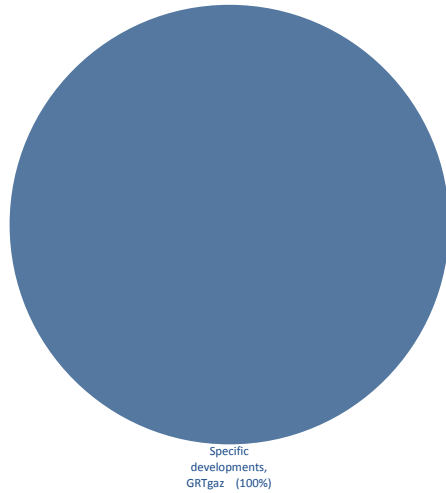




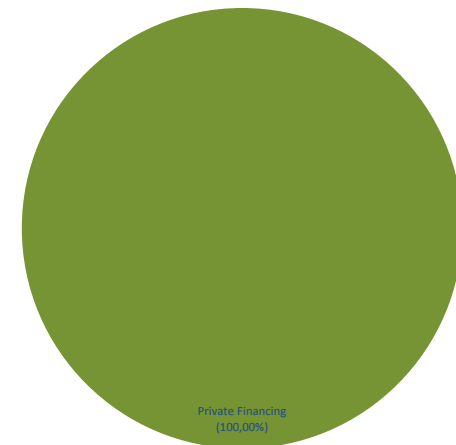
TRA-N-258	Developments for Montoir LNG terminal expansion at 16,5bcm - 2	Non-FID
-----------	--	---------

Pipeline including CS

SPONSORS	GENERAL INFORMATION	FINANCING
----------	---------------------	-----------



Promoter	GRTgaz
Operator	GRTgaz
TEN-E Project ?	Not part of TEN-E
Interested by PCI ?	No
IGAs	None
Web Link	<a href="http://www.grtgaz.com/fileadmin/plaquettes/en/10years2013_2022_EN.pdf">http://www.grtgaz.com/fileadmin/plaquettes/en/10years2013_2022_EN.pdf</a>



THIRD-PARTY ACCESS REGIME		SCHEDULE		TECHNICAL INFORMATION	
Considered TPA Regime	Regulated	End of permitting phase		# of Pipelines, nodes, CS	1
Considered Tariff Regime	Regulated	FID		Total Pipeline Length (km)	+200,00
Applied for Exemption ?	Not relevant	Construction		Total Compressor Power (MW)	
Exemption granted ?	Not relevant	Commissioning	2021	Expected Load Factor	
% Exemption in entry direction	0%	Last completed Phase :	Planned		
% Exemption in exit direction	0%				







PROJECTED CAPACITY INCREASES					
Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone
Montoir de Bretagne	Yes	entry	125,00	LNG Terminals France (PEG	Hub France (PEG North)

DESCRIPTION OF THE PROJECT
This entry capacity increase at Montoir needs specific developments and core system developments (New line between Chemery and Dierrey).

COMMENTS ABOUT THE PROJECT FINANCING		
Public financing	Private financing	Multilateral financing

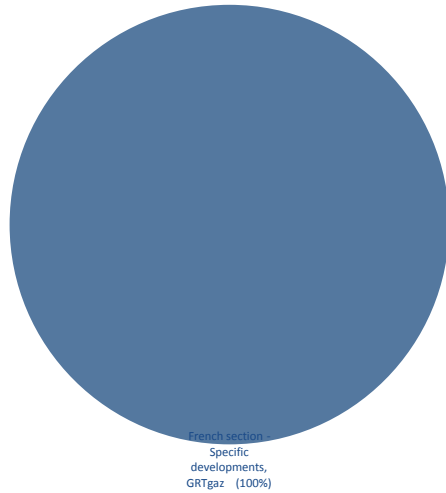




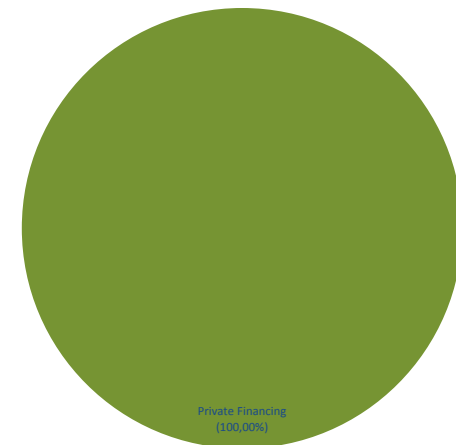
TRA-N-046	Exit capacity increase to CH at Oltingue	Non-FID
-----------	--	---------

Pipeline including CS

SPONSORS	GENERAL INFORMATION	FINANCING
----------	---------------------	-----------



Promoter	GRTgaz
Operator	GRTgaz
TEN-E Project ?	Not part of TEN-E
Interested by PCI ?	Yes
IGAs	None
Web Link	<a href="http://www.grtgaz.com/fileadmin/plaquettes/en/10years2013_2022_EN.pdf">http://www.grtgaz.com/fileadmin/plaquettes/en/10years2013_2022_EN.pdf</a>



THIRD-PARTY ACCESS REGIME		SCHEDULE		TECHNICAL INFORMATION	
Considered TPA Regime	Regulated	End of permitting phase		# of Pipelines, nodes, CS	3
Considered Tariff Regime	Regulated	FID		Total Pipeline Length (km)	
Applied for Exemption ?	No	Construction		Total Compressor Power (MW)	+30,00
Exemption granted ?	Not relevant	Commissioning	2022	Expected Load Factor	
% Exemption in entry direction	0%	Last completed Phase :	Planned		
% Exemption in exit direction	0%				





PROJECTED CAPACITY INCREASES					
Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone
Oltingue (FR) / Rodersdorf (CH)	Yes	exit	100,00	Hub France (PEG North)	Hub Switzerland
	No	exit	40,00	Hub France (PEG North)	Hub Switzerland

DESCRIPTION OF THE PROJECT
Specific transmission system developments to increase exit capacity to CH (design to confirm according to the market demand)

COMMENTS ABOUT THE PROJECT FINANCING		
Public financing	Private financing	Multilateral financing



## 1.2 FRANCE

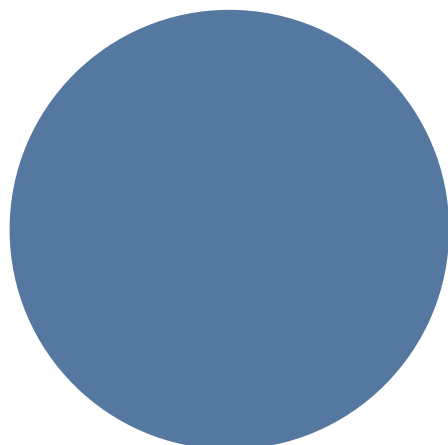
TIGF pipelines, including  
compression projects



TRA-F-250	Girland - Artère de Guyenne Phase B	FID
-----------	-------------------------------------	-----

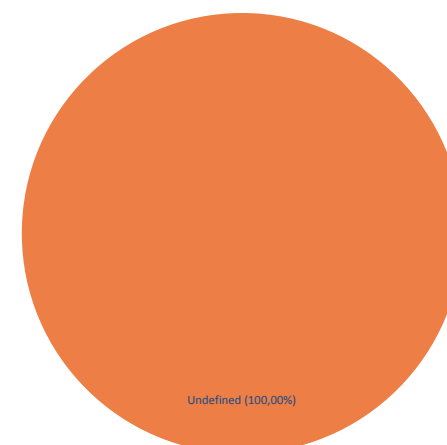
Pipeline including CS

SPONSORS	GENERAL INFORMATION	FINANCING
----------	---------------------	-----------



TIGF (100%)

Promoter	TIGF
Operator	TIGF
TEN-E Project ?	Not part of TEN-E
Interested by PCI ?	No
IGAs	None
Web Link	<a href="http://www.tigf.fr">www.tigf.fr</a>



Undefined (100,00%)

THIRD-PARTY ACCESS REGIME		SCHEDULE		TECHNICAL INFORMATION	
Considered TPA Regime	Regulated	End of permitting phase	2012 Q3	# of Pipelines, nodes, CS	1
Considered Tariff Regime	Regulated	FID	2010 Q1	Total Pipeline Length (km)	+58,00
Applied for Exemption ?	No	Construction	2012 Q4	Total Compressor Power (MW)	+5,50
Exemption granted ?	No	Commissioning	2013/3	Expected Load Factor	
% Exemption in entry direction	0%	Last completed Phase :			
% Exemption in exit direction	0%				





PROJECTED CAPACITY INCREASES					
Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone
PIR MIDI	No	exit	180,00	Hub France (PEG TIGF)	Hub France (PEG South)
	No	entry	185,00	Hub France (PEG South)	Hub France (PEG TIGF)
	Yes	entry	70,00	Hub France (PEG South)	Hub France (PEG TIGF)
	Yes	exit	175,00	Hub France (PEG TIGF)	Hub France (PEG South)

DESCRIPTION OF THE PROJECT
It's a DN 900 and 58 km long pipeline that connects the UGS of Lussagnet with Captieux with an additional compression at Sauveterre (that has been decided in June)

COMMENTS ABOUT THE PROJECT FINANCING		
Public financing	Private financing	Multilateral financing

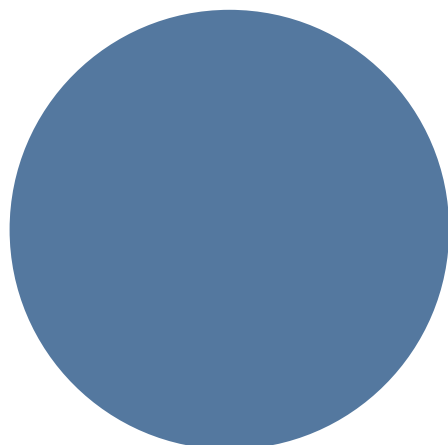




TRA-F-251	Artère de l'Adour (former Euskadour) (FR-ES interconnection)	FID
-----------	--	-----

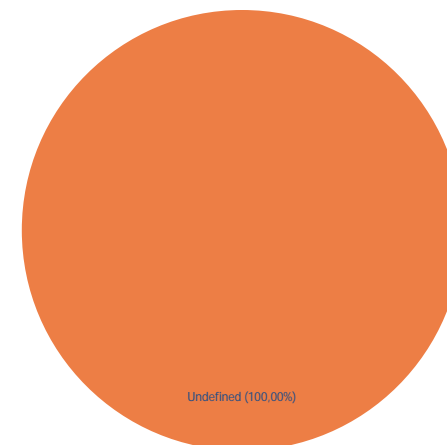
Pipeline including CS

SPONSORS	GENERAL INFORMATION	FINANCING
----------	---------------------	-----------



Arcangues-Coudoures,  
TIGF (100%)

Promoter	TIGF
Operator	TIGF
TEN-E Project ?	Not part of TEN-E
Interested by PCI ?	No
IGAs	None
Web Link	<a href="http://www.artere-adour-tigf.fr">www.artere-adour-tigf.fr</a>



Undefined (100.00%)

THIRD-PARTY ACCESS REGIME		SCHEDULE		TECHNICAL INFORMATION	
Considered TPA Regime	Regulated	End of permitting phase	2014 Q1	# of Pipelines, nodes, CS	1
Considered Tariff Regime	Regulated	FID	2012 Q1	Total Pipeline Length (km)	+95,00
Applied for Exemption ?	No	Construction	2014 Q3	Total Compressor Power (MW)	
Exemption granted ?	Not relevant	Commissioning	2015/4	Expected Load Factor	
% Exemption in entry direction	0%	Last completed Phase :	FEED		
% Exemption in exit direction	0%				





PROJECTED CAPACITY INCREASES					
Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone
Biratou (FR) / Irun (ES)	Yes	exit	60,00	Hub France (PEG TIGF)	Hub Spain
	Yes	entry	00,00	Hub Spain	Hub France (PEG TIGF)

DESCRIPTION OF THE PROJECT
It's a 24 inches and 95 km long pipeline between Arcangues and Coudures that will allow to connect (using the existing infrastructure) the UGS of Lussagnet with the Spanish frontier.

COMMENTS ABOUT THE PROJECT FINANCING		
Public financing	Private financing	Multilateral financing



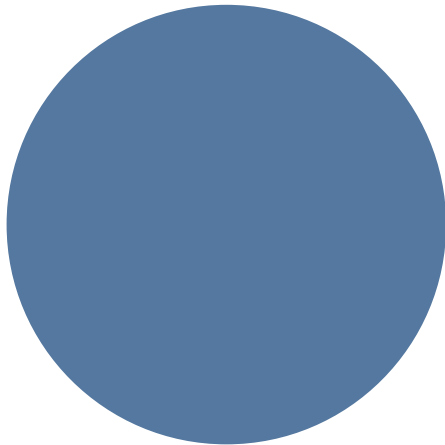




TRA-N-252	Iberian-French corridor: Eastern Axis-Midcat Project	Non-FID
-----------	--	---------

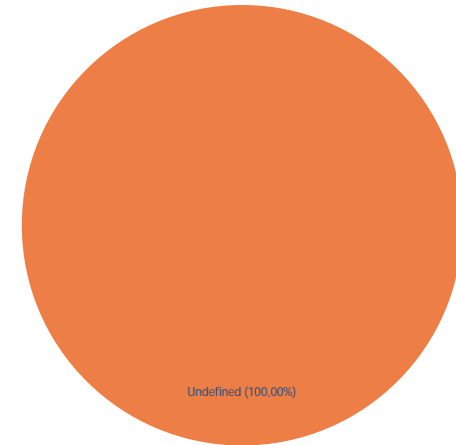
Pipeline including CS

SPONSORS	GENERAL INFORMATION	FINANCING
----------	---------------------	-----------



TIGF (100%)

Promoter	TIGF
Operator	TIGF
TEN-E Project ?	Not part of TEN-E
Interested by PCI ?	Yes
IGAs	None
Web Link	<a href="http://www.tigf.fr">www.tigf.fr</a>



Undefined (100.00%)

THIRD-PARTY ACCESS REGIME		SCHEDULE		TECHNICAL INFORMATION	
Considered TPA Regime	Regulated	End of permitting phase		# of Pipelines, nodes, CS	2
Considered Tariff Regime	Regulated	FID		Total Pipeline Length (km)	+148,00
Applied for Exemption ?	No	Construction		Total Compressor Power (MW)	+10,00
Exemption granted ?	No	Commissioning	2021	Expected Load Factor	
% Exemption in entry direction	0%	Last completed Phase :			
% Exemption in exit direction	0%				





PROJECTED CAPACITY INCREASES					
Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone
Le Perthus	Yes	entry	230,00	Hub Spain	Hub France (PEG TIGF)
	Yes	exit	80,00	Hub France (PEG TIGF)	Hub Spain

DESCRIPTION OF THE PROJECT
In the French side, it's composed by a 120 km long pipeline between the frontier (near Le Perthus) and the CS of Barbaira, the installation of an additional compression of 10 MW at Barbaira, and a 28 km long pipeline between Lupiac and Baran (Artère du Gascogne).

COMMENTS ABOUT THE PROJECT FINANCING		
Public financing	Private financing	Multilateral financing



## 1.3 FRANCE

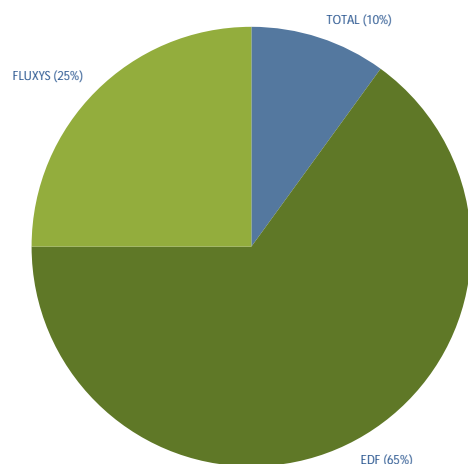
### EdF LNG terminal projects



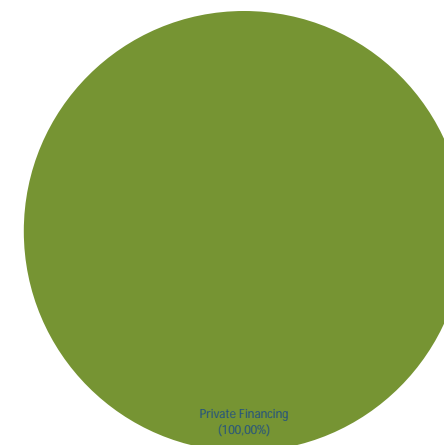
LNG-F-210	Dunkerque LNG Terminal	FID
-----------	------------------------	-----

## LNG Terminal

SPONSORS	GENERAL INFORMATION	FINANCING
----------	---------------------	-----------



Promoter	EdF
Operator	Dunkerque LNG
TEN-E Project ?	Not part of TEN-E
Interested by PCI ?	Not defined yet
IGAs	None
Web Link	



THIRD-PARTY ACCESS REGIME		SCHEDULE		TECHNICAL INFORMATION	
Considered TPA Regime	Negotiated (e.g. Exemption)	End of permitting phase	2010 Q2	Regasification facility	Dunkerque LNG
Considered Tariff Regime	Negotiated (e.g. Exemption)	FID	2011 Q2	Expected volume (bcm/y)	+13,00
Applied for Exemption ?	Yes	Construction	2011 Q3	Storage capacity (m3)	+570.000,00
Exemption granted ?	Yes	Commissioning	2015/4	Send-out (mcm/d)	+45,60
% Exemption in entry direction	100%	Last completed Phase :	FID	Ship size (m3)	267.000,00
% Exemption in exit direction	100%			Reloading ability ?	Yes





PROJECTED CAPACITY INCREASES					
Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone
Dunkerque LNG / FRn	Yes	exit	519,00	Hub France (PEG North)	Hub France (PEG North)
Dunkerque LNG	Yes	exit	501,60	LNG Terminals France (PEG	Hub France (PEG North) (Dunkerque)
Dunkerque LNG / Avringem - BE	Yes	exit	270,00		

DESCRIPTION OF THE PROJECT
LNG regasification Facility located in Dunkirk

COMMENTS ABOUT THE PROJECT FINANCING		
Public financing	Private financing	Multilateral financing



## 1.4 FRANCE

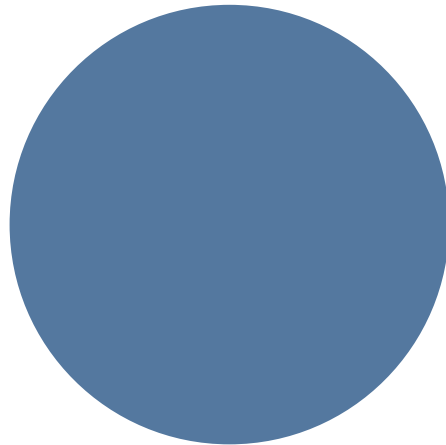
Elengy LNG terminal projects



LNG-N-225	Montoir LNG Terminal Expansion	Non-FID
-----------	--------------------------------	---------

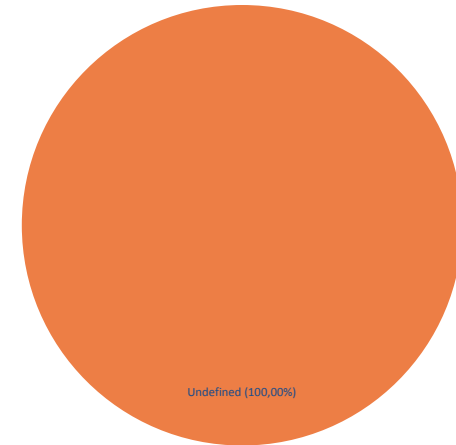
#### LNG Terminal

SPONSORS	GENERAL INFORMATION	FINANCING
----------	---------------------	-----------



Elengy (100%)

Promoter	Elengy
Operator	Elengy
TEN-E Project ?	Not part of TEN-E
Interested by PCI ?	Yes
IGAs	None
Web Link	<a href="http://www.elengy.com/en/projects/montoir-extension.html">www.elengy.com/en/projects/montoir-extension.html</a>



Undefined (100,00%)

THIRD-PARTY ACCESS REGIME		SCHEDULE		TECHNICAL INFORMATION	
Considered TPA Regime	Regulated	End of permitting phase	2016 Q1	Regasification facility	Montoir LNG Terminal
Considered Tariff Regime	Regulated	FID	2016 Q1	Expected volume (bcm/y)	+6,50
Applied for Exemption ?	No	Construction	2016 Q2	Storage capacity (m3)	+190.000,00
Exemption granted ?	Not relevant	Commissioning	2019/4	Send-out (mcm/d)	+20,00
% Exemption in entry direction	0%	Last completed Phase :	Planned	Ship size (m3)	265.000,00
% Exemption in exit direction	0%			Reloading ability ?	Yes





PROJECTED CAPACITY INCREASES					
Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone
Montoir de Bretagne	Yes	exit	220,00	LNG Terminals France (PEG	Hub France (PEG North)

DESCRIPTION OF THE PROJECT
The project aims to expand the LNG terminal capacity from 10 to 16.5 bcm/y through the construction of regasification units and storage tanks.

COMMENTS ABOUT THE PROJECT FINANCING		
Public financing	Private financing	Multilateral financing



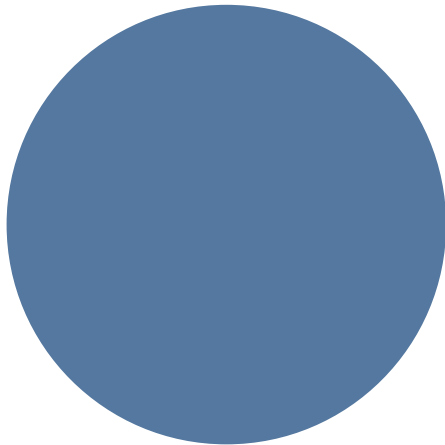




LNG-N-226	Fos Tonkin LNG Terminal Expansion	Non-FID
-----------	-----------------------------------	---------

#### LNG Terminal

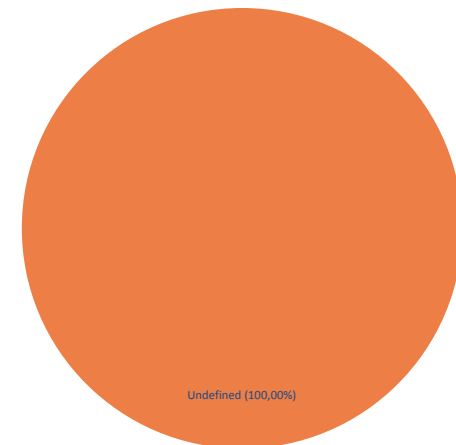
SPONSORS	GENERAL INFORMATION	FINANCING
----------	---------------------	-----------



Elengy (100%)

Promoter	Elengy
Operator	Elengy
TEN-E Project ?	Project of Common Interest
Interested by PCI ?	No
IGAs	None
Web Link	<a href="http://www.elengy.com/en/projects/fos-tonkin-open-season.html">www.elengy.com/en/projects/fos-tonkin-open-season.html</a>

TEN-E Requests	Date of Request	Year Funding Granted
	28.02.2011	Not yet



Undefined (100,00%)

THIRD-PARTY ACCESS REGIME		SCHEDULE		TECHNICAL INFORMATION	
Considered TPA Regime	Regulated	End of permitting phase	2015 Q3	Regasification facility	Fos Tonkin LNG Terminal
Considered Tariff Regime	Regulated	FID	2015 Q3	Expected volume (bcm/y)	+2,50
Applied for Exemption ?	No	Construction	2016 Q2	Storage capacity (m3)	+80.000,00
Exemption granted ?	Not relevant	Commissioning	2019/4	Send-out (mcm/d)	+7,60
% Exemption in entry direction	0%	Last completed Phase :	Market test	Ship size (m3)	75.000,00
% Exemption in exit direction	0%			Reloading ability ?	Yes





PROJECTED CAPACITY INCREASES					
Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone
Fos Tonkin	Yes	exit	132,00	LNG Terminals France (PEG	Hub France (PEG South)

DESCRIPTION OF THE PROJECT
The project aims to prolong the operation of the LNG terminal till 2035 and to expand its capacity to 5.5 bcm/y through in particular the construction of a new LNG storage tank.

COMMENTS ABOUT THE PROJECT FINANCING		
Public financing	Private financing	Multilateral financing

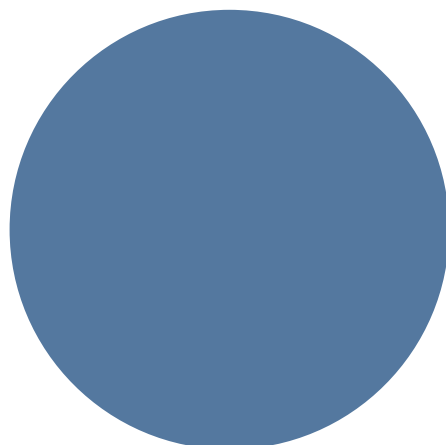




LNG-N-227	Fos Cavaou LNG Terminal Expansion	Non-FID
-----------	-----------------------------------	---------

## LNG Terminal

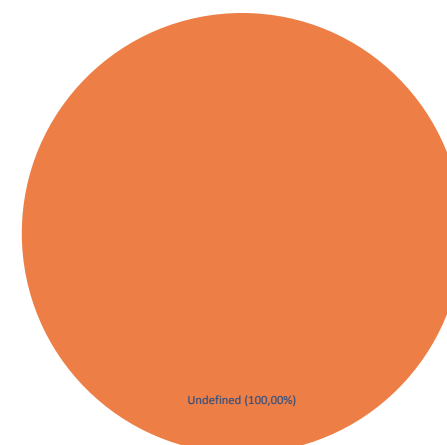
SPONSORS	GENERAL INFORMATION	FINANCING
----------	---------------------	-----------



Fosmax LNG (100%)

Promoter	Elengy
Operator	Fosmax LNG
TEN-E Project ?	Not part of TEN-E
Interested by PCI ?	Yes
IGAs	None
Web Link	<a href="http://www.fosmax-lng.com/en/who-are-we/projet-de-developpement.html">http://www.fosmax-lng.com/en/who-are-we/projet-de-developpement.html</a>

TEN-E Requests	Date of Request	Year Funding Granted
	20.02.2013	Not yet



Undefined (100,00%)

THIRD-PARTY ACCESS REGIME		SCHEDULE		TECHNICAL INFORMATION	
Considered TPA Regime	Regulated	End of permitting phase	2016 Q2	Regasification facility	Fos Cavaou LNG Terminal
Considered Tariff Regime	Regulated	FID	2016 Q2	Expected volume (bcm/y)	+8,25
Applied for Exemption ?	No	Construction	2016 Q2	Storage capacity (m3)	+220.000,00
Exemption granted ?	Not relevant	Commissioning	2020/2	Send-out (mcm/d)	+28,00
% Exemption in entry direction	0%	Last completed Phase :	Planned	Ship size (m3)	270.000,00
% Exemption in exit direction	0%			Reloading ability ?	Yes





PROJECTED CAPACITY INCREASES					
Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone
Fos Cavaou	Yes	exit	308,00	LNG Terminals France (PEG	Hub France (PEG South)

DESCRIPTION OF THE PROJECT
The project aims to expand the LNG terminal capacity from 8.25 to 16.5 bcm/y through the construction of regasification units and storage tanks.

COMMENTS ABOUT THE PROJECT FINANCING		
Public financing	Private financing	Multilateral financing



## 1.5 FRANCE

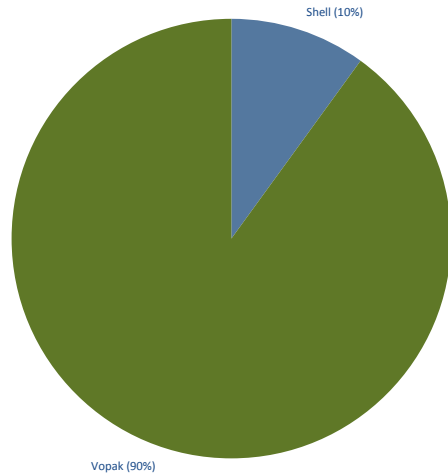
Fos Faster LNG terminal projects



LNG-N-223	Fos Faster LNG Terminal	Non-FID
-----------	-------------------------	---------

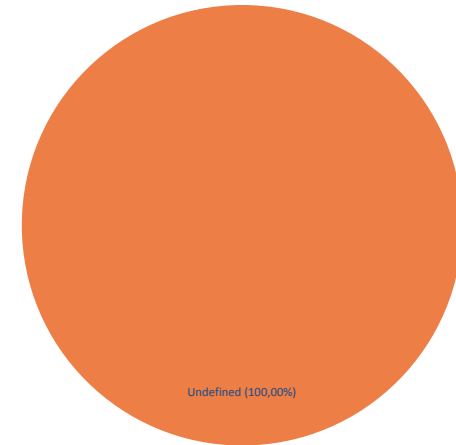
#### LNG Terminal

SPONSORS	GENERAL INFORMATION	FINANCING
----------	---------------------	-----------



Promoter	Fos Faster LNG
Operator	Fos Faster LNG
TEN-E Project ?	Not part of TEN-E
Interested by PCI ?	Yes
IGAs	None
Web Link	<a href="http://www.fosfaster.com">www.fosfaster.com</a>

TEN-E Requests	Date of Request	Year Funding Granted
		Not yet



THIRD-PARTY ACCESS REGIME		SCHEDULE		TECHNICAL INFORMATION	
Considered TPA Regime	Negotiated (e.g. Exemption)	End of permitting phase	2015	Regasification facility	Fos Faster
Considered Tariff Regime	Negotiated (e.g. Exemption)	FID	2015	Expected volume (bcm/y)	+8,00
Applied for Exemption ?	Not yet	Construction	2015	Storage capacity (m3)	+360.000,00
Exemption granted ?	Not yet	Commissioning	2019	Send-out (mcm/d)	+24,00
% Exemption in entry direction	0%	Last completed Phase :	Market test	Ship size (m3)	270.000,00
% Exemption in exit direction	0%			Reloading ability ?	Yes





PROJECTED CAPACITY INCREASES					
Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone
Fos Faster	Yes	exit	273,00		

DESCRIPTION OF THE PROJECT
<p>The project aims to build a new LNG terminal at Fos-sur-Mer near Marseille in France with an intial 8bcm/a capacity (up to 16 bcm/a) allowing all type of LNG carriers. ☒</p> <p>Our projected terminal is dedicated to be an independent, opened and multi-customers terminal, including aa full range of small scale services☒</p>

COMMENTS ABOUT THE PROJECT FINANCING		
Public financing	Private financing	Multilateral financing



## 1.6 FRANCE

Storengy storage facilities  
projects

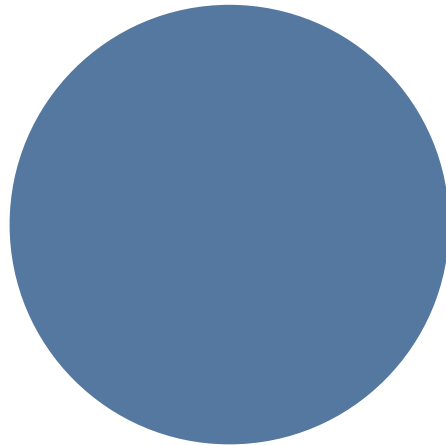




UGS-F-004	Hauterives Storage Project - Stage 1	FID
-----------	--------------------------------------	-----

#### Storage Facility

SPONSORS	GENERAL INFORMATION	FINANCING
----------	---------------------	-----------



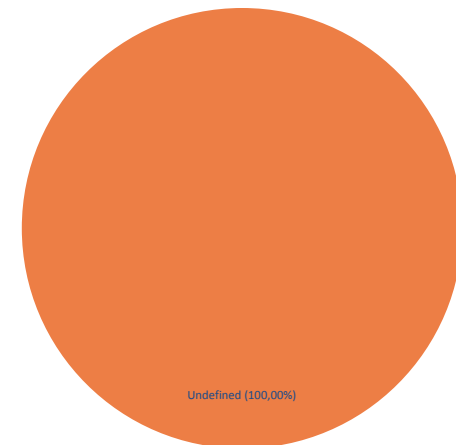
Storengy (100%)

Promoter	Storengy
Operator	Storengy
TEN-E Project ?	Priority Project
Interested by PCI ?	No
IGAs	None
Web Link	

TEN-E Requests

Date of Request

Year Funding Granted  
2002



Undefined (100,00%)

THIRD-PARTY ACCESS REGIME		SCHEDULE		TECHNICAL INFORMATION	
Considered TPA Regime	Negotiated (e.g. Exemption)	End of permitting phase		Storage facility	Hauterives
Considered Tariff Regime	Negotiated (e.g. Exemption)	FID		Working volume (mcm)	+60,00
Applied for Exemption ?	No	Construction		Injectability (mcm/d)	+1,20
Exemption granted ?	Not relevant	Commissioning	2014/1	Deliverability (mcm/d)	+4,80
% Exemption in entry direction	0%	Last completed Phase :	Construction		
% Exemption in exit direction	0%				





PROJECTED CAPACITY INCREASES					
Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone

DESCRIPTION OF THE PROJECT
Development of a new salt cavity storage.

COMMENTS ABOUT THE PROJECT FINANCING		
Public financing	Private financing	Multilateral financing

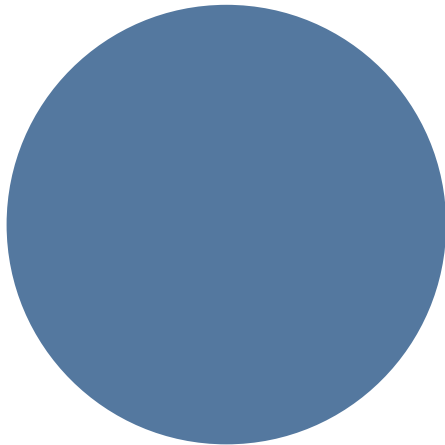




UGS-F-265	Hauterives - Stage 2	Non-FID
-----------	----------------------	---------

#### Storage Facility

SPONSORS	GENERAL INFORMATION	FINANCING
----------	---------------------	-----------



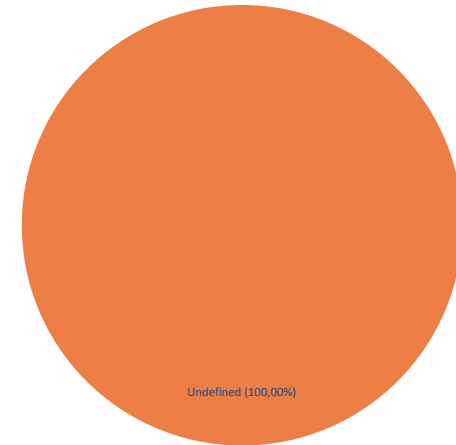
Storengy (100%)

Promoter	Storengy
Operator	Storengy
TEN-E Project ?	Priority Project
Interested by PCI ?	No
IGAs	None
Web Link	

TEN-E Requests

Date of Request

Year Funding Granted  
2002



Undefined (100,00%)

THIRD-PARTY ACCESS REGIME		SCHEDULE		TECHNICAL INFORMATION	
Considered TPA Regime	Negotiated (e.g. Exemption)	End of permitting phase		Storage facility	Hauterives
Considered Tariff Regime	Negotiated (e.g. Exemption)	FID		Working volume (mcm)	+40,00
Applied for Exemption ?	No	Construction		Injectability (mcm/d)	+0,80
Exemption granted ?	Not relevant	Commissioning	2015/1	Deliverability (mcm/d)	+3,20
% Exemption in entry direction	0%	Last completed Phase :	Planned		
% Exemption in exit direction	0%				





PROJECTED CAPACITY INCREASES					
Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone

DESCRIPTION OF THE PROJECT
Development of a new salt cavity storage.

COMMENTS ABOUT THE PROJECT FINANCING		
Public financing	Private financing	Multilateral financing

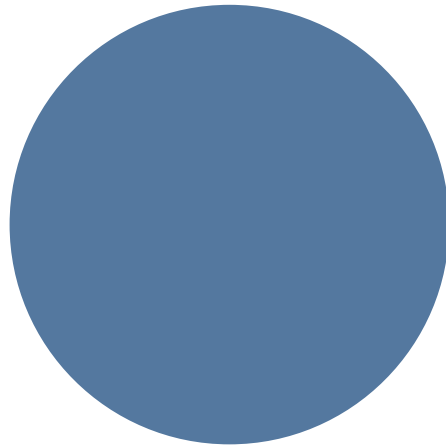




UGS-N-003	Etrez	FID
-----------	-------	-----

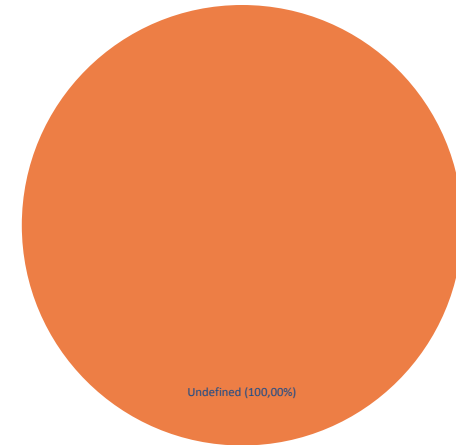
#### Storage Facility

SPONSORS	GENERAL INFORMATION	FINANCING
----------	---------------------	-----------



Storengy (100%)

Promoter	Storengy
Operator	Storengy
TEN-E Project ?	Not part of TEN-E
Interested by PCI ?	No
IGAs	None
Web Link	



Undefined (100,00%)

THIRD-PARTY ACCESS REGIME		SCHEDULE		TECHNICAL INFORMATION	
Considered TPA Regime	Negotiated (e.g. Exemption)	End of permitting phase		Storage facility	Etrez Gas Storage
Considered Tariff Regime	Negotiated (e.g. Exemption)	FID		Working volume (mcm)	+60,00
Applied for Exemption ?	No	Construction		Injectability (mcm/d)	
Exemption granted ?	Not relevant	Commissioning	2015/4	Deliverability (mcm/d)	+4,00
% Exemption in entry direction	0%	Last completed Phase :	Construction		
% Exemption in exit direction	0%				





PROJECTED CAPACITY INCREASES					
Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone

DESCRIPTION OF THE PROJECT
Extension of the existing salt cavity storage facilities.

COMMENTS ABOUT THE PROJECT FINANCING		
Public financing	Private financing	Multilateral financing

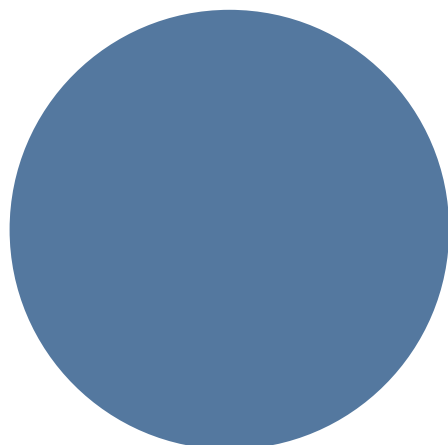




UGS-N-002	Alsace Sud	Non-FID
-----------	------------	---------

## Storage Facility

SPONSORS	GENERAL INFORMATION	FINANCING
----------	---------------------	-----------



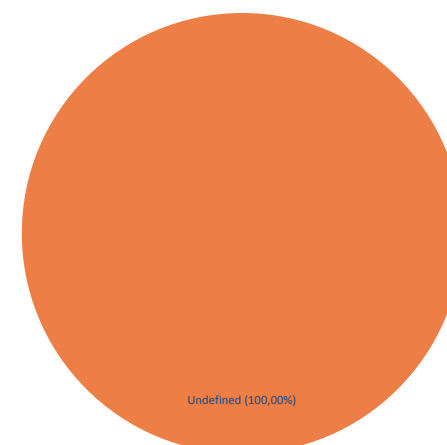
Storengy (100%)

Promoter	Storengy
Operator	Storengy
TEN-E Project ?	Project of Common Interest
Interested by PCI ?	No
IGAs	None
Web Link	

TEN-E Requests

Date of Request

Year Funding Granted  
2005



Undefined (100,00%)

THIRD-PARTY ACCESS REGIME		SCHEDULE		TECHNICAL INFORMATION	
Considered TPA Regime	Negotiated (e.g. Exemption)	End of permitting phase		Storage facility	Alsace Sud
Considered Tariff Regime	Negotiated (e.g. Exemption)	FID		Working volume (mcm)	+200,00
Applied for Exemption ?	No	Construction		Injectability (mcm/d)	+3,00
Exemption granted ?	Not relevant	Commissioning	2022/4	Deliverability (mcm/d)	+9,60
% Exemption in entry direction	0%	Last completed Phase :	Planned		
% Exemption in exit direction	0%				





PROJECTED CAPACITY INCREASES					
Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone

DESCRIPTION OF THE PROJECT
Creation of a new salt cavity storage site of up to 200 mcm of working gas volume

COMMENTS ABOUT THE PROJECT FINANCING		
Public financing	Private financing	Multilateral financing



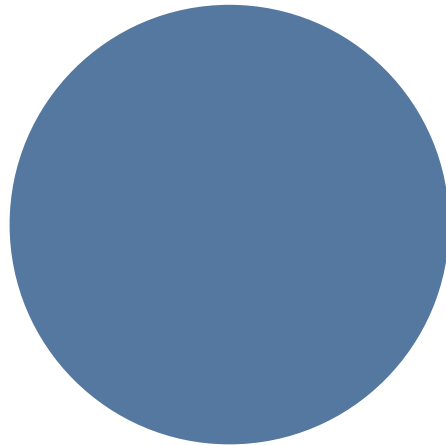




UGS-N-264	Etrez - Stage 2	Non-FID
-----------	-----------------	---------

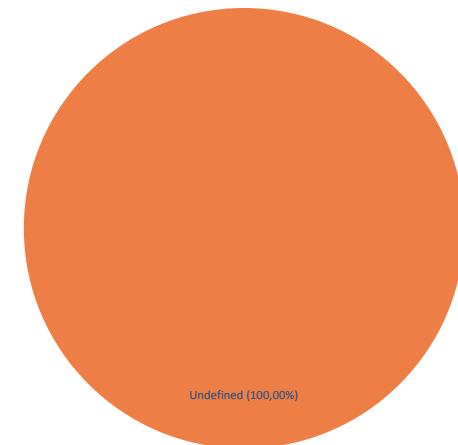
#### Storage Facility

SPONSORS	GENERAL INFORMATION	FINANCING
----------	---------------------	-----------



Storengy (100%)

Promoter	Storengy
Operator	Storengy
TEN-E Project ?	Not part of TEN-E
Interested by PCI ?	No
IGAs	None
Web Link	



Undefined (100,00%)

THIRD-PARTY ACCESS REGIME		SCHEDULE		TECHNICAL INFORMATION	
Considered TPA Regime	Negotiated (e.g. Exemption)	End of permitting phase		Storage facility	Etrez /Manosque Gas Storage
Considered Tariff Regime	Negotiated (e.g. Exemption)	FID		Working volume (mcm)	+315,00
Applied for Exemption ?	No	Construction		Injectability (mcm/d)	+7,00
Exemption granted ?	Not relevant	Commissioning	2022/4	Deliverability (mcm/d)	+24,00
% Exemption in entry direction	0%	Last completed Phase :	Planned		
% Exemption in exit direction	0%				





PROJECTED CAPACITY INCREASES					
Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone

DESCRIPTION OF THE PROJECT
Extension of the existing salt cavity storage facilities.

COMMENTS ABOUT THE PROJECT FINANCING		
Public financing	Private financing	Multilateral financing



# 2 PORTUGAL

## 2.1 PORTUGAL

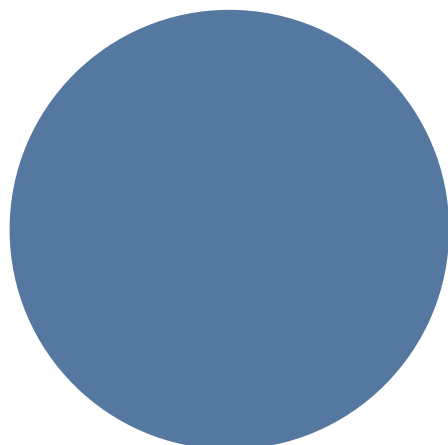
REN Gasodutos pipelines,  
including compression  
projects



TRA-N-320	Carregado Compressor Station*	Non-FID
-----------	-------------------------------	---------

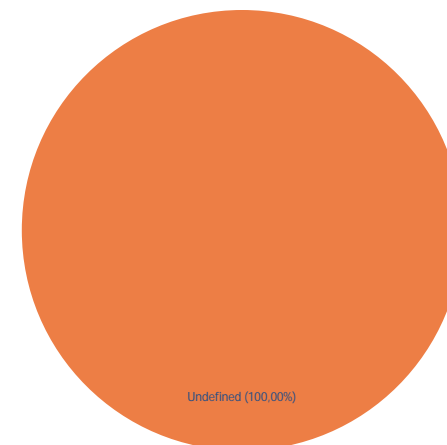
Pipeline including CS

SPONSORS	GENERAL INFORMATION	FINANCING
----------	---------------------	-----------



REN Gasodutos, SA  
(100%)

Promoter	REN - Gasodutos, S.A.
Operator	REN - Gasodutos, S.A.
TEN-E Project ?	Not part of TEN-E
Interested by PCI ?	No
IGAs	None
Web Link	



Undefined (100.00%)

THIRD-PARTY ACCESS REGIME		SCHEDULE		TECHNICAL INFORMATION	
Considered TPA Regime	Regulated	End of permitting phase	2015 Q4	# of Pipelines, nodes, CS	1
Considered Tariff Regime	Regulated	FID	2016 Q1	Total Pipeline Length (km)	
Applied for Exemption ?	No	Construction	2014 Q4	Total Compressor Power (MW)	+14,00
Exemption granted ?	Not relevant	Commissioning	2017/4	Expected Load Factor	
% Exemption in entry direction	0%	Last completed Phase :			
% Exemption in exit direction	0%				

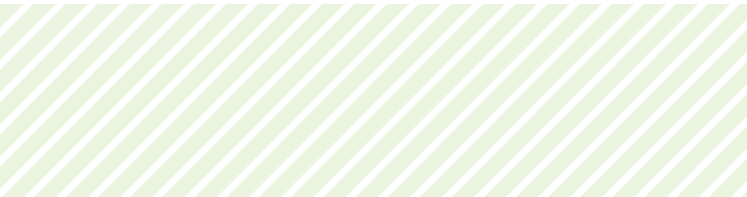




PROJECTED CAPACITY INCREASES					
Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone
Badajoz (ES) / Campo Maior (PT)	Yes	exit	35,00	Hub Portugal	Hub Spain

DESCRIPTION OF THE PROJECT
The project consists of a Compressor Station in the main high pressure pipeline and it aims to increase the capacity of the pipeline section between Sines and Leiria, to enable that higher flow rates can be transported from the LNG Sines Terminal.

COMMENTS ABOUT THE PROJECT FINANCING		
Public financing	Private financing	Multilateral financing

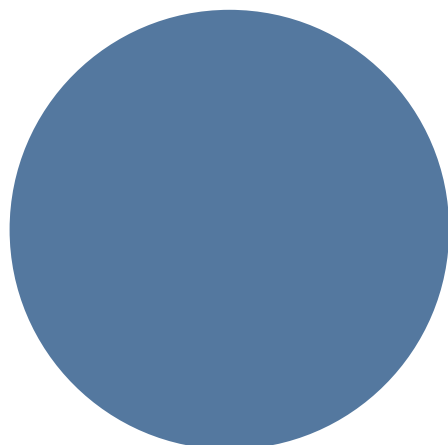




TRA-N-318	Pipeline Carriço-Cantanhede*	Non-FID
-----------	------------------------------	---------

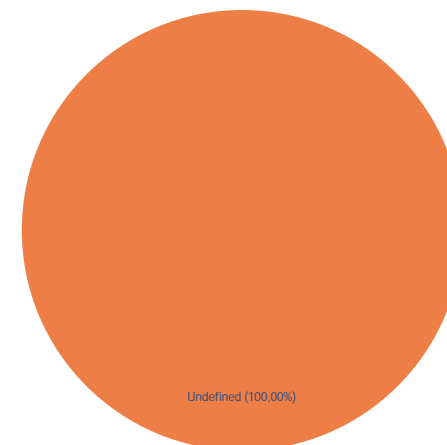
Pipeline including CS

SPONSORS	GENERAL INFORMATION	FINANCING
----------	---------------------	-----------



REN Gasodutos, SA  
(100%)

Promoter	REN - Gasodutos, S.A.
Operator	REN - Gasodutos, S.A.
TEN-E Project ?	Not part of TEN-E
Interested by PCI ?	No
IGAs	None
Web Link	



THIRD-PARTY ACCESS REGIME		SCHEDULE		TECHNICAL INFORMATION	
Considered TPA Regime	Regulated	End of permitting phase	2019 Q4	# of Pipelines, nodes, CS	1
Considered Tariff Regime	Regulated	FID	2020 Q1	Total Pipeline Length (km)	+60,00
Applied for Exemption ?	No	Construction	2018 Q4	Total Compressor Power (MW)	
Exemption granted ?	Not relevant	Commissioning	2021/4	Expected Load Factor	
% Exemption in entry direction	0%	Last completed Phase :			
% Exemption in exit direction	0%				

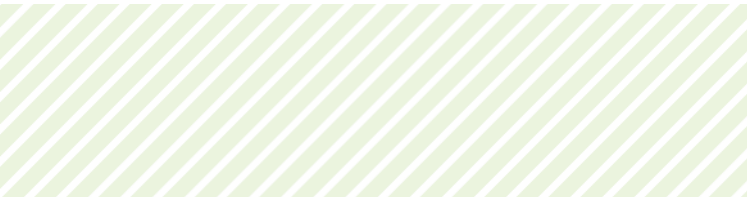




PROJECTED CAPACITY INCREASES					
Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone
Mangualde (PT) / Zamora (ES) (3rd Spain / Portugal IP)	Yes	exit		Hub Portugal	Hub Spain

DESCRIPTION OF THE PROJECT
<p>The Carriço-Cantanhede pipeline will connect the Carriço underground storage (UGS) to the 3RD IP PORTUGAL-SPAIN.</p> <p>It will also become a second alternative to guarantee the access to the Carriço UGS and the supply of a region with combined cycle power plants (CCGTs).</p>

COMMENTS ABOUT THE PROJECT FINANCING		
Public financing	Private financing	Multilateral financing



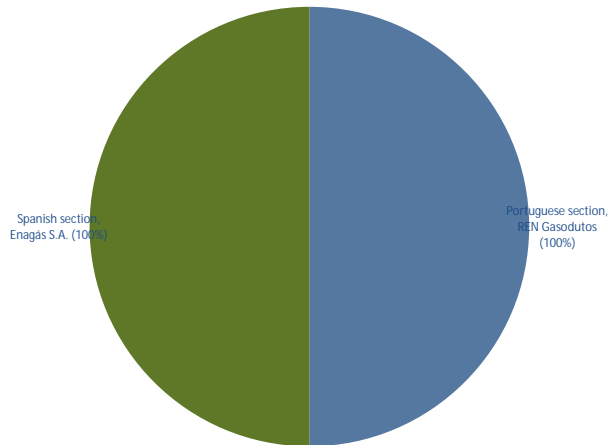




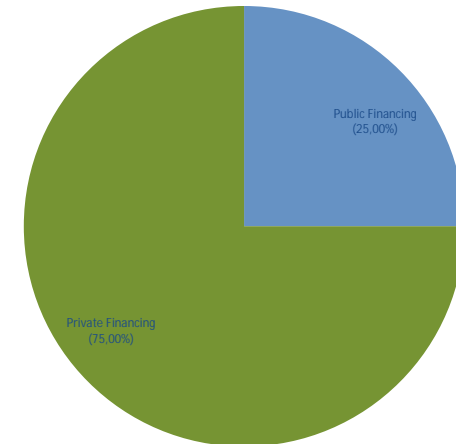
TRA-N-283	PT-ES Interconnector Pipeline Spanish Border-Celorico	Non-FID
-----------	---	---------

Pipeline including CS

SPONSORS	GENERAL INFORMATION	FINANCING
----------	---------------------	-----------



Promoter	REN - Gasodutos, S.A.
Operator	REN - Gasodutos, S.A.
TEN-E Project ?	Not part of TEN-E
Interested by PCI ?	Yes
IGAs	None
Web Link	<a href="http://www.ren.pt">www.ren.pt</a>



THIRD-PARTY ACCESS REGIME		SCHEDULE		TECHNICAL INFORMATION	
Considered TPA Regime	Regulated	End of permitting phase	2014 Q4	# of Pipelines, nodes, CS	1
Considered Tariff Regime	Regulated	FID	2013 Q4	Total Pipeline Length (km)	+158,00
Applied for Exemption ?	No	Construction	2015 Q1	Total Compressor Power (MW)	
Exemption granted ?	No	Commissioning	2017/4	Expected Load Factor	
% Exemption in entry direction	0%	Last completed Phase :	Planned		
% Exemption in exit direction	0%				

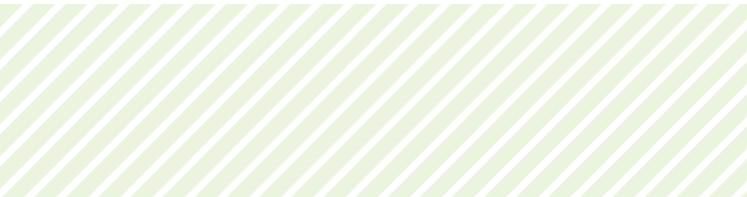




PROJECTED CAPACITY INCREASES					
Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone
Mangualde (PT) / Zamora (ES) (3rd Spain / Portugal IP)	Yes	exit	50,00	Hub Portugal	Hub Spain
	Yes	entry	75,00	Hub Spain	Hub Portugal

DESCRIPTION OF THE PROJECT
<p>The 3RD IP PORTUGAL-SPAIN is located in the priority corridor North-South in Western Europe, and involves Portugal and Spain by crossing the border between both Member States.<sup>2</sup></p> <p>This project will connect both gas systems between Celorico da Beira (Portugal) and Zamora (Spain). It consists of a new set of pipelines and compression reinforcement in both countries.</p>

COMMENTS ABOUT THE PROJECT FINANCING		
Public financing	Private financing	Multilateral financing
EEPR: € 10.7 mil	REN financing of the remaining part of the investment	

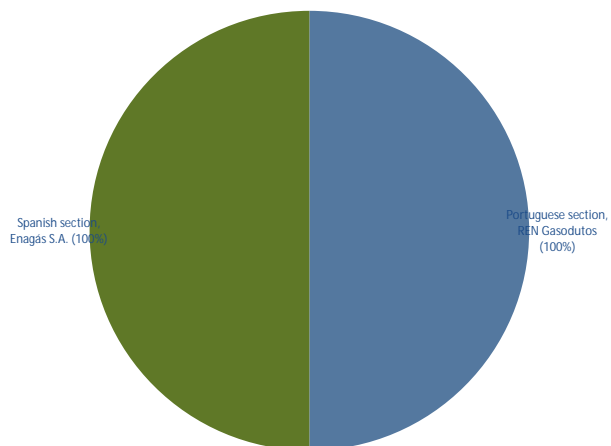




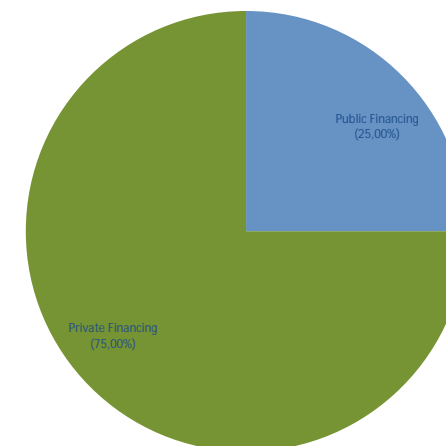
TRA-N-284	PT-ES Interconnector Cantanhede Compressor Station	Non-FID
-----------	--	---------

Pipeline including CS

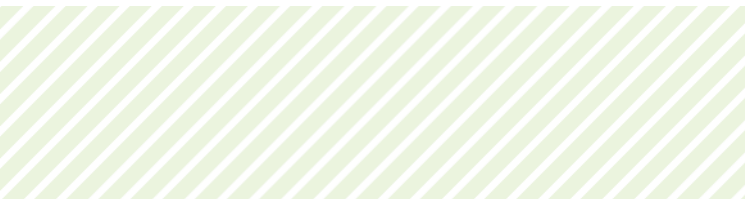
SPONSORS	GENERAL INFORMATION	FINANCING
----------	---------------------	-----------



Promoter	REN - Gasodutos, S.A.
Operator	REN - Gasodutos, S.A.
TEN-E Project ?	Not part of TEN-E
Interested by PCI ?	Yes
IGAs	None
Web Link	<a href="http://www.ren.pt">www.ren.pt</a>



THIRD-PARTY ACCESS REGIME		SCHEDULE		TECHNICAL INFORMATION	
Considered TPA Regime	Regulated	End of permitting phase	2017 Q4	# of Pipelines, nodes, CS	1
Considered Tariff Regime	Regulated	FID	2016 Q4	Total Pipeline Length (km)	
Applied for Exemption ?	No	Construction	2018 Q1	Total Compressor Power (MW)	+12,00
Exemption granted ?	No	Commissioning	2019/4	Expected Load Factor	
% Exemption in entry direction	0%	Last completed Phase :	Planned		
% Exemption in exit direction	0%				



## PROJECTED CAPACITY INCREASES

Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone
Mangualde (PT) / Zamora (ES) (3rd Spain / Portugal IP)	Yes	exit	47,00	Hub Portugal	Hub Spain
	Yes	entry	42,00	Hub Spain	Hub Portugal

## DESCRIPTION OF THE PROJECT

The 3RD IP PORTUGAL-SPAIN is located in the priority corridor North-South in Western Europe, and involves Portugal and Spain by crossing the border between both Member States.<sup>2</sup>  
This project will connect both gas systems between Celorico da Beira (Portugal) and Zamora (Spain). It consists of a new set of pipelines and compression reinforcement in both countries.

## COMMENTS ABOUT THE PROJECT FINANCING

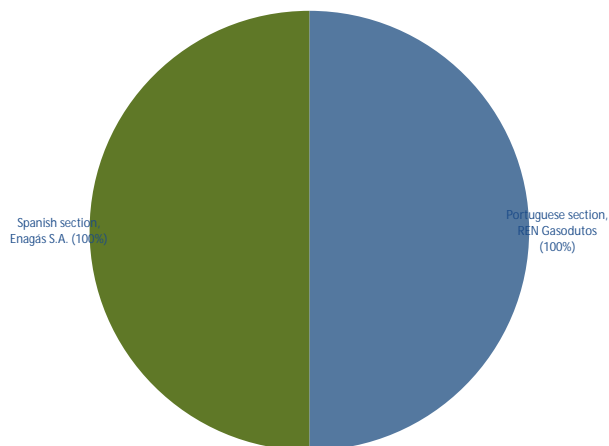
Public financing	Private financing	Multilateral financing
EEPR: € 10.7 mil	REN financing of the remaining part of the investment	



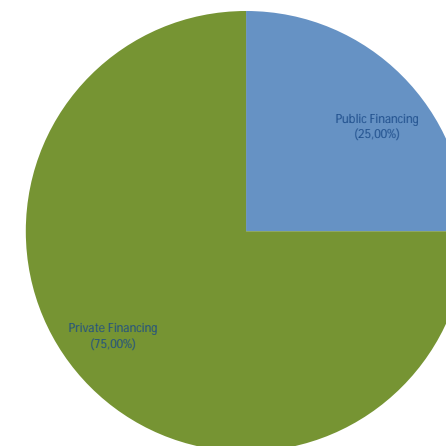
TRA-N-285	PT-ES Interconnector Pipeline Cantanhede-Mangualde	Non-FID
-----------	--	---------

Pipeline including CS

SPONSORS	GENERAL INFORMATION	FINANCING
----------	---------------------	-----------



Promoter	REN - Gasodutos, S.A.
Operator	REN - Gasodutos, S.A.
TEN-E Project ?	Not part of TEN-E
Interested by PCI ?	Yes
IGAs	None
Web Link	<a href="http://www.ren.pt">www.ren.pt</a>



THIRD-PARTY ACCESS REGIME		SCHEDULE		TECHNICAL INFORMATION	
Considered TPA Regime	Regulated	End of permitting phase	2019 Q4	# of Pipelines, nodes, CS	1
Considered Tariff Regime	Regulated	FID	2018 Q4	Total Pipeline Length (km)	+67,00
Applied for Exemption ?	No	Construction	2020 Q1	Total Compressor Power (MW)	
Exemption granted ?	No	Commissioning	2021/4	Expected Load Factor	
% Exemption in entry direction	0%	Last completed Phase :	Planned		
% Exemption in exit direction	0%				

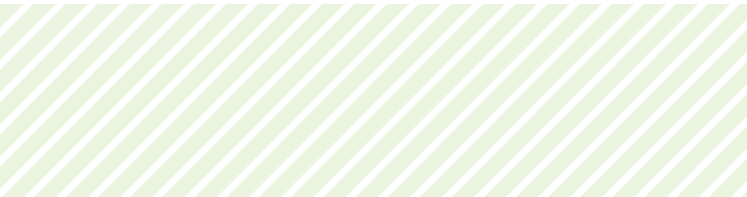




PROJECTED CAPACITY INCREASES					
Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone
Mangualde (PT) / Zamora (ES) (3rd Spain / Portugal IP)	Yes	entry	25,00	Hub Spain	Hub Portugal
	Yes	exit	45,00	Hub Portugal	Hub Spain

DESCRIPTION OF THE PROJECT
<p>The 3RD IP PORTUGAL-SPAIN is located in the priority corridor North-South in Western Europe, and involves Portugal and Spain by crossing the border between both Member States.<sup>27</sup> This project will connect both gas systems between Celorico da Beira (Portugal) and Zamora (Spain). It consists of a new set of pipelines and compression reinforcement in both countries.</p>

COMMENTS ABOUT THE PROJECT FINANCING		
Public financing	Private financing	Multilateral financing
EEPR: € 10.7 mil	REN financing of the remaining part of the investment	



## 2.2 PORTUGAL

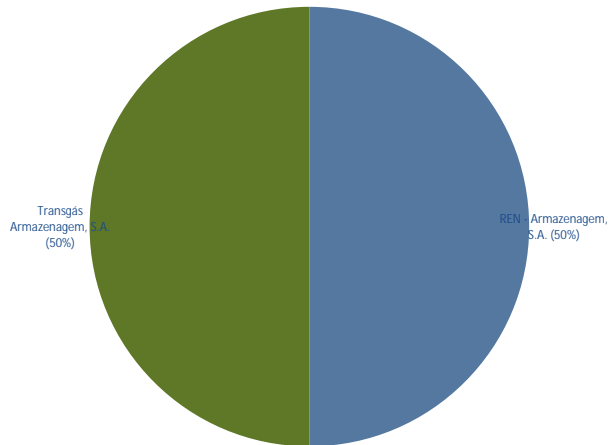
REN Gasodutos / Transgás  
Armazenagem storage  
facilities projects



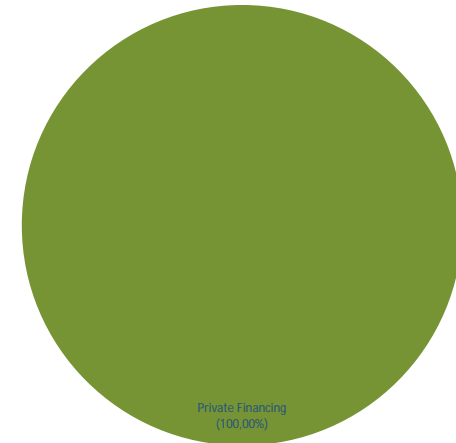
UGS-F-081	Carriço UGS development	FID
-----------	-------------------------	-----

#### Storage Facility

SPONSORS	GENERAL INFORMATION	FINANCING
----------	---------------------	-----------



Promoter	REN - Gasodutos, S.A. / Transgás Armazenagem
Operator	REN Armazenagem
TEN-E Project ?	Not part of TEN-E
Interested by PCI ?	Yes
IGAs	None
Web Link	<a href="http://www.ren.pt">www.ren.pt</a>



THIRD-PARTY ACCESS REGIME		SCHEDULE		TECHNICAL INFORMATION	
Considered TPA Regime	Regulated	End of permitting phase		Storage facility	Armazenamento Subterrâneo do Carriço
Considered Tariff Regime	Regulated	FID		Working volume (mcm)	+178,00
Applied for Exemption ?	No	Construction	2014 Q2	Injectability (mcm/d)	+1,00
Exemption granted ?	No	Commissioning	2014/4	Deliverability (mcm/d)	+3,60
% Exemption in entry direction	0%	Last completed Phase :	Planned		
% Exemption in exit direction	0%				





## PROJECTED CAPACITY INCREASES

Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone
UGS - PT - REN Gasodutos/REN Amazenagem	Yes	exit	42,90	Storage Portugal	Hub Portugal
	Yes	entry	11,90	Hub Portugal	Storage Portugal

## DESCRIPTION OF THE PROJECT

Carriço UGS is based on caverns leached in a salt dome. Surface plant includes the facilities for injection and withdrawal of natural gas from the caverns in operation.

The expansion of the Carriço UGS infrastructure is a multi step / multi stage long term project mainly due to the fact that the average construction time of a salt cavern is about three years and there is a limitation to the number of caverns that can be developed simultaneously (currently two). Presently there is one new cavern under construction (leaching phase) and another one which will start filling in with gas (cushion gas and operating gas) in the 1st quarter of 2013. As for the remainder salt caverns, they may be regarded as planned since they have been integrated in the companies' business plans, together with the later capacity increase of the gas station.

## COMMENTS ABOUT THE PROJECT FINANCING

Public financing	Private financing	Multilateral financing
	100% financing by REN Armazenagem and Transgás Armazenagem of their respective investments (two independent concessionaires)	

# 3 SPAIN

## 3.1 SPAIN

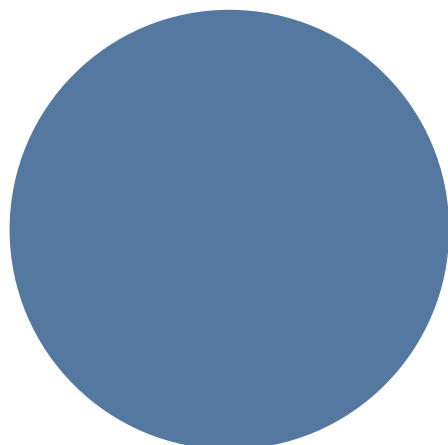
Enagás pipelines, including  
compression projects



TRA-F-164	Guitiriz-Lugo	FID
-----------	---------------	-----

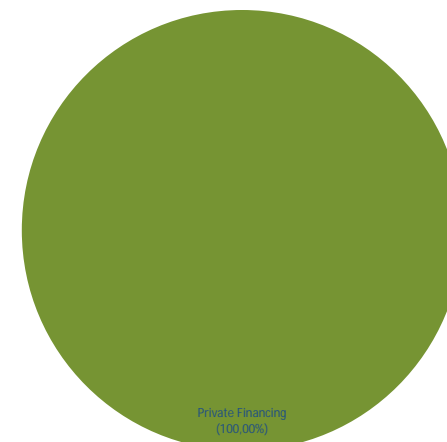
Pipeline including CS

SPONSORS	GENERAL INFORMATION	FINANCING
----------	---------------------	-----------



Enagás S.A. (100%)

Promoter	Enagás S.A.
Operator	Enagás S.A.
TEN-E Project ?	Not part of TEN-E
Interested by PCI ?	No
IGAs	None
Web Link	



Private Financing  
(100.00%)

THIRD-PARTY ACCESS REGIME		SCHEDULE		TECHNICAL INFORMATION	
Considered TPA Regime	Regulated	End of permitting phase		# of Pipelines, nodes, CS	1
Considered Tariff Regime	Regulated	FID		Total Pipeline Length (km)	+28,00
Applied for Exemption ?	No	Construction		Total Compressor Power (MW)	
Exemption granted ?	No	Commissioning	*	Expected Load Factor	
% Exemption in entry direction	0%	Last completed Phase :	FID		
% Exemption in exit direction	0%				

\* Spanish core network projects without specific date of commissioning have been postponed/mothballed until a new planning document is approved by the government according to Spanish Royal Decree-Law 13/2012. No changes at FID Cross-Border Interconnection Points Capacity.





PROJECTED CAPACITY INCREASES					
Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone

DESCRIPTION OF THE PROJECT
None

COMMENTS ABOUT THE PROJECT FINANCING		
Public financing	Private financing	Multilateral financing

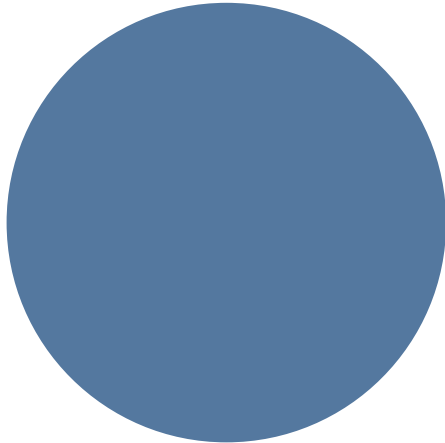




TRA-F-170	Loop Llanera-Otero	FID
-----------	--------------------	-----

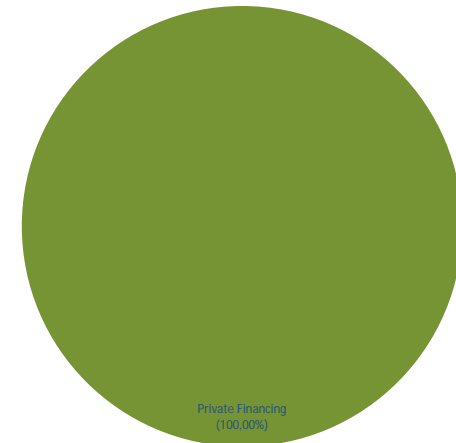
Pipeline including CS

SPONSORS	GENERAL INFORMATION	FINANCING
----------	---------------------	-----------



Enagás S.A. (100%)

Promoter	Enagás S.A.
Operator	Enagás S.A.
TEN-E Project ?	Not part of TEN-E
Interested by PCI ?	No
IGAs	None
Web Link	



Private Financing  
(100.00%)

THIRD-PARTY ACCESS REGIME		SCHEDULE		TECHNICAL INFORMATION	
Considered TPA Regime	Regulated	End of permitting phase		# of Pipelines, nodes, CS	1
Considered Tariff Regime	Regulated	FID		Total Pipeline Length (km)	+1,00
Applied for Exemption ?	No	Construction		Total Compressor Power (MW)	
Exemption granted ?	No	Commissioning	2014	Expected Load Factor	
% Exemption in entry direction	0%	Last completed Phase :	FID		
% Exemption in exit direction	0%				





PROJECTED CAPACITY INCREASES					
Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone

DESCRIPTION OF THE PROJECT
None

COMMENTS ABOUT THE PROJECT FINANCING		
Public financing	Private financing	Multilateral financing

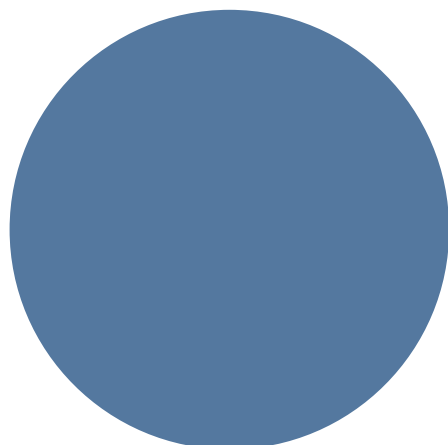




TRA-F-171	Loop Treto-Llanera	FID
-----------	--------------------	-----

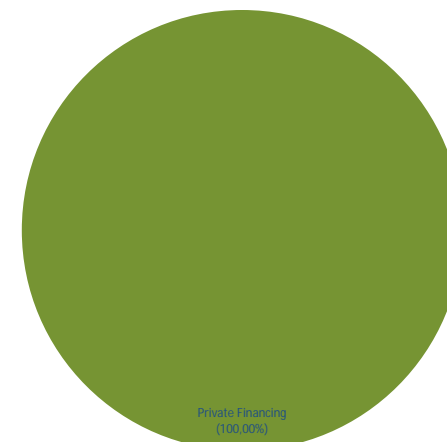
Pipeline including CS

SPONSORS	GENERAL INFORMATION	FINANCING
----------	---------------------	-----------



Enagás S.A. (100%)

Promoter	Enagás S.A.
Operator	Enagás S.A.
TEN-E Project ?	Not part of TEN-E
Interested by PCI ?	No
IGAs	None
Web Link	



Private Financing  
(100.00%)

THIRD-PARTY ACCESS REGIME		SCHEDULE		TECHNICAL INFORMATION	
Considered TPA Regime	Regulated	End of permitting phase		# of Pipelines, nodes, CS	1
Considered Tariff Regime	Regulated	FID		Total Pipeline Length (km)	+216,00
Applied for Exemption ?	No	Construction		Total Compressor Power (MW)	
Exemption granted ?	No	Commissioning	*	Expected Load Factor	
% Exemption in entry direction	0%	Last completed Phase :	FID		
% Exemption in exit direction	0%				

\* Spanish core network projects without specific date of commissioning have been postponed/mothballed until a new planning document is approved by the government according to Spanish Royal Decree-Law 13/2012. No changes at FID Cross-Border Interconnection Points Capacity.







PROJECTED CAPACITY INCREASES					
Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone

DESCRIPTION OF THE PROJECT
None

COMMENTS ABOUT THE PROJECT FINANCING		
Public financing	Private financing	Multilateral financing

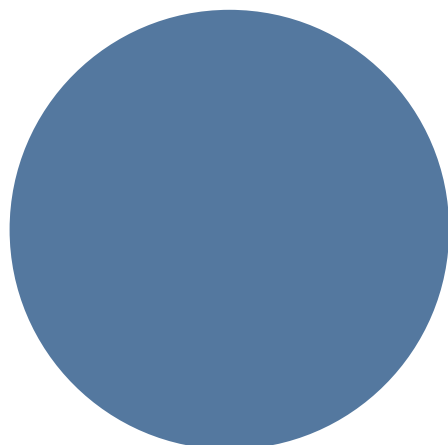




TRA-F-175	Martorell-Figueras	FID
-----------	--------------------	-----

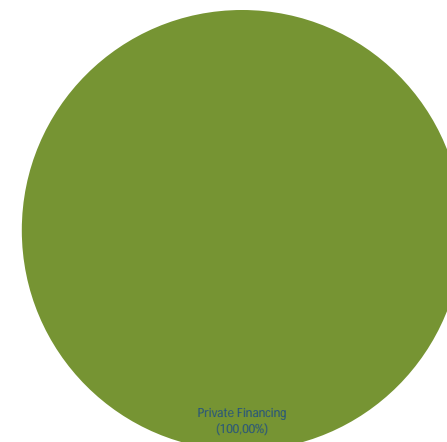
Pipeline including CS

SPONSORS	GENERAL INFORMATION	FINANCING
----------	---------------------	-----------



Enagás S.A. (100%)

Promoter	Enagás S.A.
Operator	Enagás S.A.
TEN-E Project ?	Not part of TEN-E
Interested by PCI ?	No
IGAs	None
Web Link	



Private Financing  
(100.00%)

THIRD-PARTY ACCESS REGIME		SCHEDULE		TECHNICAL INFORMATION	
Considered TPA Regime	Regulated	End of permitting phase		# of Pipelines, nodes, CS	1
Considered Tariff Regime	Regulated	FID		Total Pipeline Length (km)	+167,00
Applied for Exemption ?	No	Construction		Total Compressor Power (MW)	
Exemption granted ?	No	Commissioning	*	Expected Load Factor	
% Exemption in entry direction	0%	Last completed Phase :	FID		
% Exemption in exit direction	0%				

\* Spanish core network projects without specific date of commissioning have been postponed/mothballed until a new planning document is approved by the government according to Spanish Royal Decree-Law 13/2012. No changes at FID Cross-Border Interconnection Points Capacity.





PROJECTED CAPACITY INCREASES					
Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone

DESCRIPTION OF THE PROJECT
None

COMMENTS ABOUT THE PROJECT FINANCING		
Public financing	Private financing	Multilateral financing

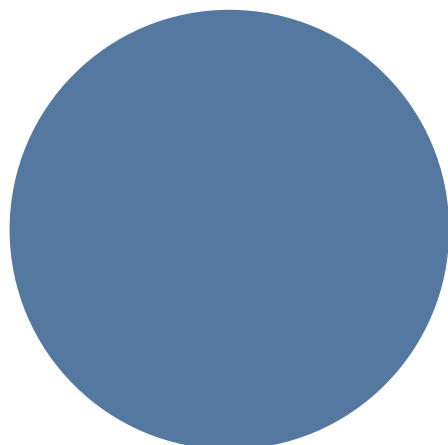




TRA-F-181	Musel Terminal-Llanera	FID
-----------	------------------------	-----

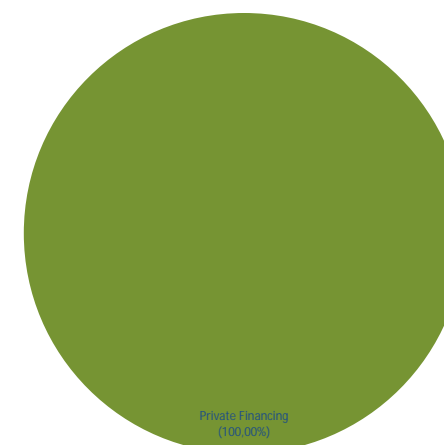
Pipeline including CS

SPONSORS	GENERAL INFORMATION	FINANCING
----------	---------------------	-----------



Enagás S.A. (100%)

Promoter	Enagás S.A.
Operator	Enagás S.A.
TEN-E Project ?	Not part of TEN-E
Interested by PCI ?	No
IGAs	None
Web Link	



Private Financing  
(100.00%)

THIRD-PARTY ACCESS REGIME		SCHEDULE		TECHNICAL INFORMATION	
Considered TPA Regime	Regulated	End of permitting phase		# of Pipelines, nodes, CS	1
Considered Tariff Regime	Regulated	FID		Total Pipeline Length (km)	+16,00
Applied for Exemption ?	No	Construction		Total Compressor Power (MW)	
Exemption granted ?	No	Commissioning	2014	Expected Load Factor	
% Exemption in entry direction	0%	Last completed Phase :	FID		
% Exemption in exit direction	0%				





PROJECTED CAPACITY INCREASES					
Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone

DESCRIPTION OF THE PROJECT
None

COMMENTS ABOUT THE PROJECT FINANCING		
Public financing	Private financing	Multilateral financing

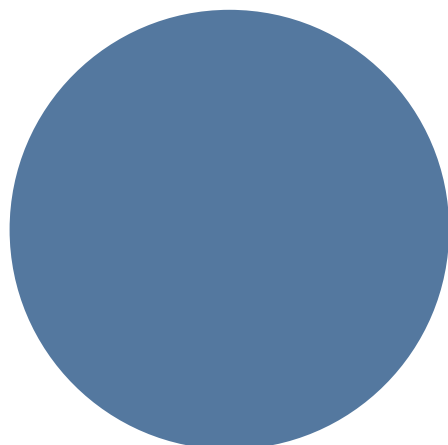




TRA-F-186	Zarza de Tajo-Yela	FID
-----------	--------------------	-----

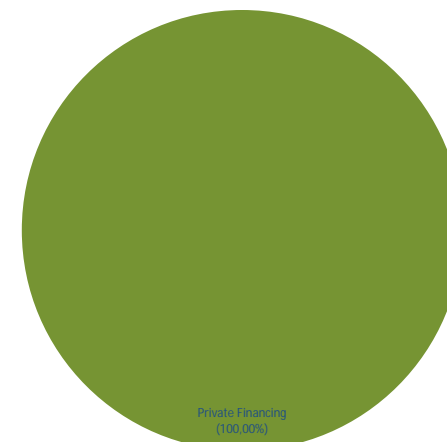
Pipeline including CS

SPONSORS	GENERAL INFORMATION	FINANCING
----------	---------------------	-----------



Enagás S.A. (100%)

Promoter	Enagás S.A.
Operator	Enagás S.A.
TEN-E Project ?	Not part of TEN-E
Interested by PCI ?	No
IGAs	None
Web Link	



Private Financing  
(100.00%)

THIRD-PARTY ACCESS REGIME		SCHEDULE		TECHNICAL INFORMATION	
Considered TPA Regime	Regulated	End of permitting phase		# of Pipelines, nodes, CS	1
Considered Tariff Regime	Regulated	FID		Total Pipeline Length (km)	+106,00
Applied for Exemption ?	No	Construction		Total Compressor Power (MW)	
Exemption granted ?	No	Commissioning	2013	Expected Load Factor	
% Exemption in entry direction	0%	Last completed Phase :	Construction		
% Exemption in exit direction	0%				





PROJECTED CAPACITY INCREASES					
Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone

DESCRIPTION OF THE PROJECT
None

COMMENTS ABOUT THE PROJECT FINANCING		
Public financing	Private financing	Multilateral financing

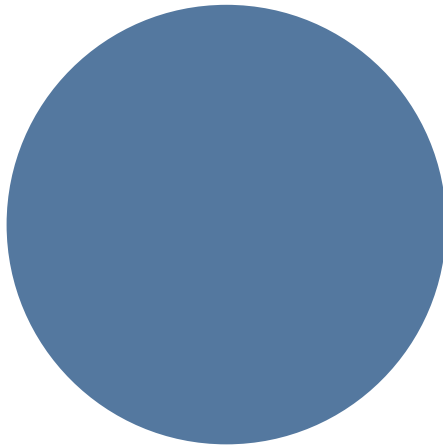




TRA-F-173	Loop Villapresente-Burgos	FID
-----------	---------------------------	-----

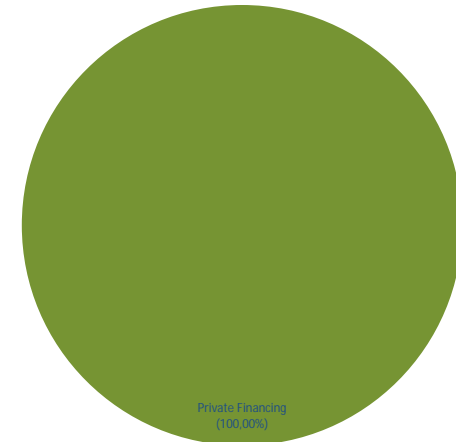
Pipeline including CS

SPONSORS	GENERAL INFORMATION	FINANCING
----------	---------------------	-----------



Enagás S.A. (100%)

Promoter	Enagás S.A.
Operator	Enagás S.A.
TEN-E Project ?	Not part of TEN-E
Interested by PCI ?	No
IGAs	None
Web Link	



Private Financing  
(100.00%)

THIRD-PARTY ACCESS REGIME		SCHEDULE		TECHNICAL INFORMATION	
Considered TPA Regime	Regulated	End of permitting phase		# of Pipelines, nodes, CS	1
Considered Tariff Regime	Regulated	FID		Total Pipeline Length (km)	+153,00
Applied for Exemption ?	No	Construction		Total Compressor Power (MW)	
Exemption granted ?	No	Commissioning	*	Expected Load Factor	
% Exemption in entry direction	0%	Last completed Phase :	FID		
% Exemption in exit direction	0%				

\* Spanish core network projects without specific date of commissioning have been postponed/mothballed until a new planning document is approved by the government according to Spanish Royal Decree-Law 13/2012. No changes at FID Cross-Border Interconnection Points Capacity.







PROJECTED CAPACITY INCREASES					
Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone

DESCRIPTION OF THE PROJECT
None

COMMENTS ABOUT THE PROJECT FINANCING		
Public financing	Private financing	Multilateral financing

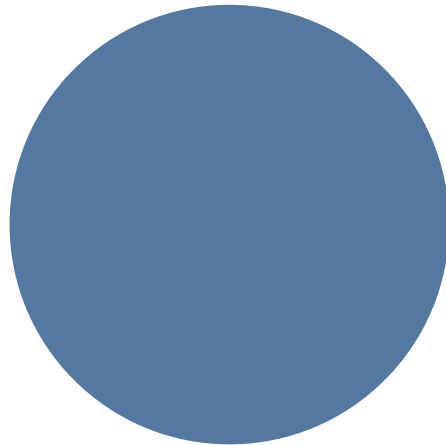




TRA-F-156	CS Border at Biriadou)	FID
-----------	------------------------	-----

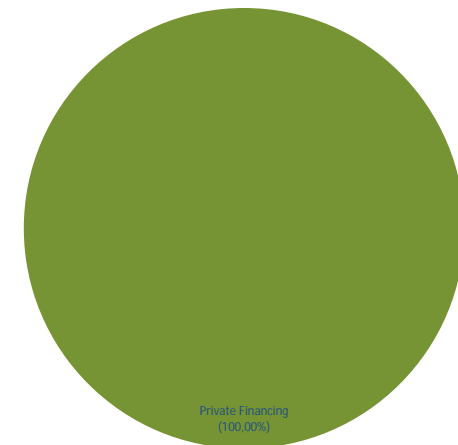
Pipeline including CS

SPONSORS	GENERAL INFORMATION	FINANCING
----------	---------------------	-----------



Enagás S.A. (100%)

Promoter	Enagás S.A.
Operator	ETN (Enagás Transporte del Norte)
TEN-E Project ?	Not part of TEN-E
Interested by PCI ?	No
IGAs	None
Web Link	



Private Financing  
(100.00%)

THIRD-PARTY ACCESS REGIME		SCHEDULE		TECHNICAL INFORMATION	
Considered TPA Regime	Regulated	End of permitting phase		# of Pipelines, nodes, CS	1
Considered Tariff Regime	Regulated	FID		Total Pipeline Length (km)	
Applied for Exemption ?	No	Construction		Total Compressor Power (MW)	+21,00
Exemption granted ?	No	Commissioning	2015	Expected Load Factor	
% Exemption in entry direction	0%	Last completed Phase :	FID		
% Exemption in exit direction	0%				





PROJECTED CAPACITY INCREASES					
Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone
Biriattou (FR) / Irun (ES)	Yes	exit	55,00	Hub Spain	Hub France (PEG TIGF)
	Yes	entry	55,00	Hub France (PEG TIGF)	Hub Spain

DESCRIPTION OF THE PROJECT
None

COMMENTS ABOUT THE PROJECT FINANCING		
Public financing	Private financing	Multilateral financing

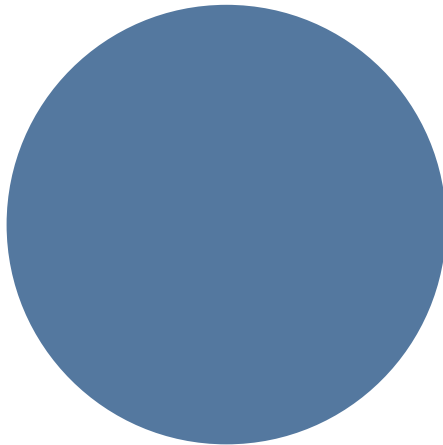




TRA-F-166	Loop Bermeo-Lemona	FID
-----------	--------------------	-----

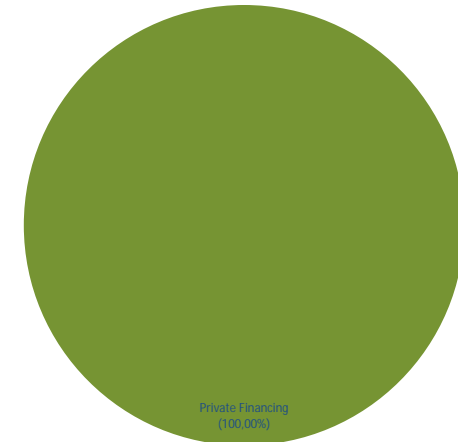
Pipeline including CS

SPONSORS	GENERAL INFORMATION	FINANCING
----------	---------------------	-----------



Enagás S.A. (100%)

Promoter	Enagás S.A.
Operator	Enagás S.A.
TEN-E Project ?	Not part of TEN-E
Interested by PCI ?	No
IGAs	None
Web Link	



Private Financing  
(100.00%)

THIRD-PARTY ACCESS REGIME		SCHEDULE		TECHNICAL INFORMATION	
Considered TPA Regime	Regulated	End of permitting phase		# of Pipelines, nodes, CS	1
Considered Tariff Regime	Regulated	FID		Total Pipeline Length (km)	+32,00
Applied for Exemption ?	No	Construction		Total Compressor Power (MW)	
Exemption granted ?	No	Commissioning	*	Expected Load Factor	
% Exemption in entry direction	0%	Last completed Phase :	FID		
% Exemption in exit direction	0%				

\* Spanish core network projects without specific date of commissioning have been postponed/mothballed until a new planning document is approved by the government according to Spanish Royal Decree-Law 13/2012. No changes at FID Cross-Border Interconnection Points Capacity.





PROJECTED CAPACITY INCREASES					
Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone

DESCRIPTION OF THE PROJECT
None

COMMENTS ABOUT THE PROJECT FINANCING		
Public financing	Private financing	Multilateral financing

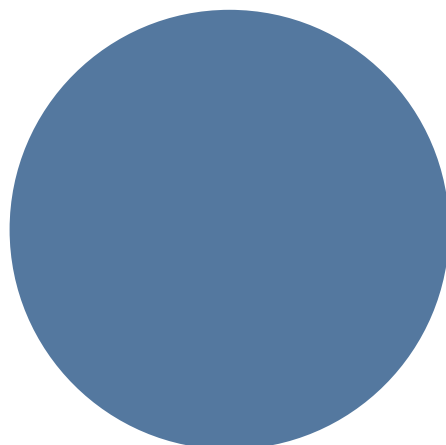




TRA-F-157	Power increase CS Haro	FID
-----------	------------------------	-----

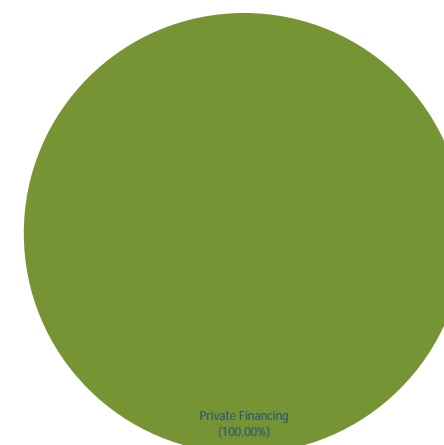
Pipeline including CS

SPONSORS	GENERAL INFORMATION	FINANCING
----------	---------------------	-----------



Enagás S.A. (100%)

Promoter	Enagás S.A.
Operator	Enagás S.A.
TEN-E Project ?	Not part of TEN-E
Interested by PCI ?	Yes
IGAs	None
Web Link	



Private Financing  
(100.00%)

THIRD-PARTY ACCESS REGIME		SCHEDULE		TECHNICAL INFORMATION	
Considered TPA Regime	Regulated	End of permitting phase		# of Pipelines, nodes, CS	1
Considered Tariff Regime	Regulated	FID		Total Pipeline Length (km)	
Applied for Exemption ?	No	Construction		Total Compressor Power (MW)	+12,00
Exemption granted ?	No	Commissioning	*	Expected Load Factor	
% Exemption in entry direction	0%	Last completed Phase :	FID		
% Exemption in exit direction	0%				

\* Spanish core network projects without specific date of commissioning have been postponed/mothballed until a new planning document is approved by the government according to Spanish Royal Decree-Law 13/2012. No changes at FID Cross-Border Interconnection Points Capacity.





PROJECTED CAPACITY INCREASES					
Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone

DESCRIPTION OF THE PROJECT
None

COMMENTS ABOUT THE PROJECT FINANCING		
Public financing	Private financing	Multilateral financing

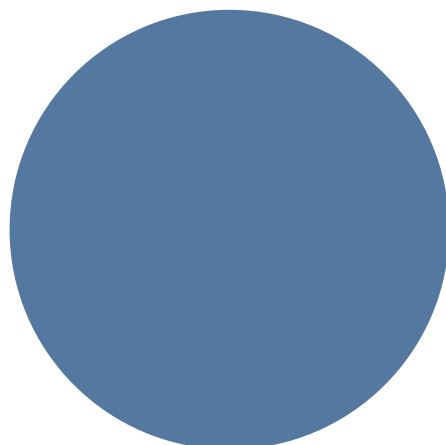




TRA-F-158	New Utilities CS Tivissa	FID
-----------	--------------------------	-----

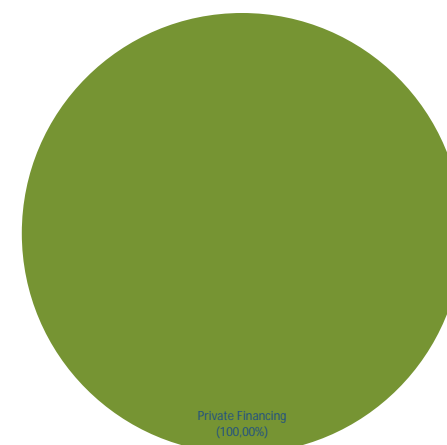
Pipeline including CS

SPONSORS	GENERAL INFORMATION	FINANCING
----------	---------------------	-----------



Enagás S.A. (100%)

Promoter	Enagás S.A.
Operator	Enagás S.A.
TEN-E Project ?	Not part of TEN-E
Interested by PCI ?	Yes
IGAs	None
Web Link	



Private Financing  
(100.00%)

THIRD-PARTY ACCESS REGIME		SCHEDULE		TECHNICAL INFORMATION	
Considered TPA Regime	Regulated	End of permitting phase		# of Pipelines, nodes, CS	
Considered Tariff Regime	Regulated	FID		Total Pipeline Length (km)	
Applied for Exemption ?	No	Construction		Total Compressor Power (MW)	
Exemption granted ?	No	Commissioning	*	Expected Load Factor	
% Exemption in entry direction	0%	Last completed Phase :	FID		
% Exemption in exit direction	0%				

\* Spanish core network projects without specific date of commissioning have been postponed/mothballed until a new planning document is approved by the government according to Spanish Royal Decree-Law 13/2012. No changes at FID Cross-Border Interconnection Points Capacity.







PROJECTED CAPACITY INCREASES					
Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone

DESCRIPTION OF THE PROJECT
None

COMMENTS ABOUT THE PROJECT FINANCING		
Public financing	Private financing	Multilateral financing

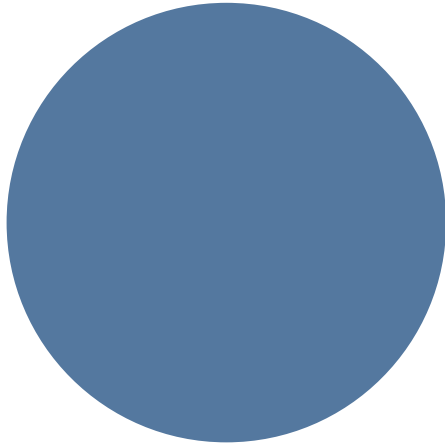




TRA-F-160	CS Zaragoza power increase	FID
-----------	----------------------------	-----

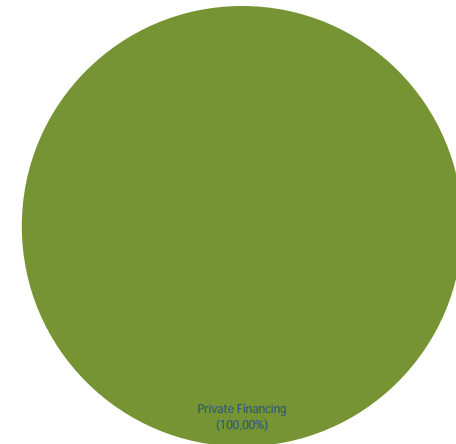
Pipeline including CS

SPONSORS	GENERAL INFORMATION	FINANCING
----------	---------------------	-----------



Enagás S.A. (100%)

Promoter	Enagás S.A.
Operator	Enagás S.A.
TEN-E Project ?	Not part of TEN-E
Interested by PCI ?	Yes
IGAs	None
Web Link	



Private Financing  
(100.00%)

THIRD-PARTY ACCESS REGIME		SCHEDULE		TECHNICAL INFORMATION	
Considered TPA Regime	Regulated	End of permitting phase		# of Pipelines, nodes, CS	1
Considered Tariff Regime	Regulated	FID		Total Pipeline Length (km)	
Applied for Exemption ?	No	Construction		Total Compressor Power (MW)	+4,00
Exemption granted ?	No	Commissioning	*	Expected Load Factor	
% Exemption in entry direction	0%	Last completed Phase :	FID		
% Exemption in exit direction	0%				

\* Spanish core network projects without specific date of commissioning have been postponed/mothballed until a new planning document is approved by the government according to Spanish Royal Decree-Law 13/2012. No changes at FID Cross-Border Interconnection Points Capacity.





PROJECTED CAPACITY INCREASES					
Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone

DESCRIPTION OF THE PROJECT
None

COMMENTS ABOUT THE PROJECT FINANCING		
Public financing	Private financing	Multilateral financing

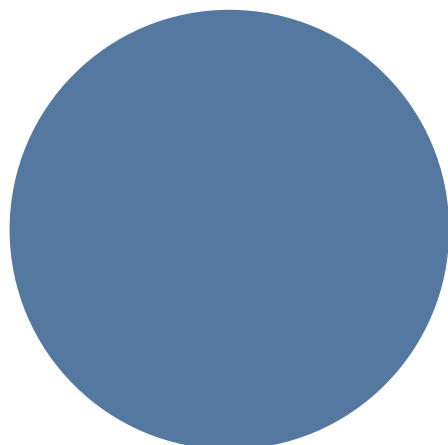




TRA-F-169	Loop Castelnou-Villar de Arnedo	FID
-----------	---------------------------------	-----

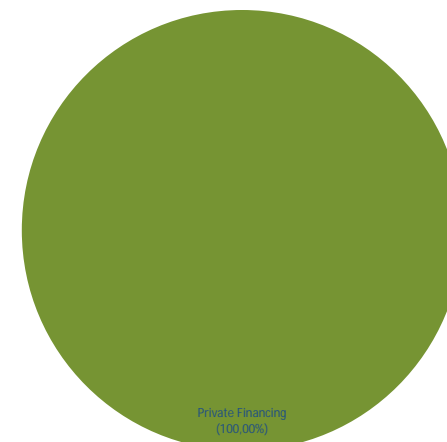
Pipeline including CS

SPONSORS	GENERAL INFORMATION	FINANCING
----------	---------------------	-----------



Enagás S.A. (100%)

Promoter	Enagás S.A.
Operator	Enagás S.A.
TEN-E Project ?	Not part of TEN-E
Interested by PCI ?	Yes
IGAs	None
Web Link	



Private Financing  
(100.00%)

THIRD-PARTY ACCESS REGIME		SCHEDULE		TECHNICAL INFORMATION	
Considered TPA Regime	Regulated	End of permitting phase		# of Pipelines, nodes, CS	1
Considered Tariff Regime	Regulated	FID		Total Pipeline Length (km)	+214,00
Applied for Exemption ?	No	Construction		Total Compressor Power (MW)	
Exemption granted ?	No	Commissioning	*	Expected Load Factor	
% Exemption in entry direction	0%	Last completed Phase :	FID		
% Exemption in exit direction	0%				

\* Spanish core network projects without specific date of commissioning have been postponed/mothballed until a new planning document is approved by the government according to Spanish Royal Decree-Law 13/2012. No changes at FID Cross-Border Interconnection Points Capacity.





PROJECTED CAPACITY INCREASES					
Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone

DESCRIPTION OF THE PROJECT
None

COMMENTS ABOUT THE PROJECT FINANCING		
Public financing	Private financing	Multilateral financing

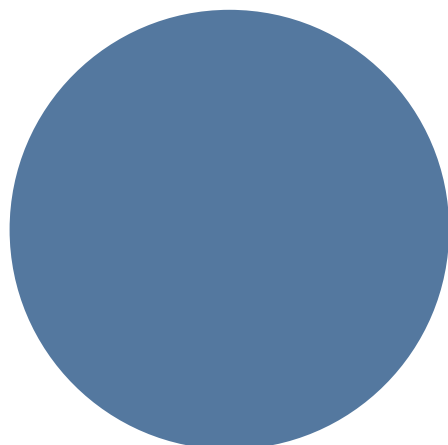




TRA-F-180	Nuevo Tivissa-Arbós	FID
-----------	---------------------	-----

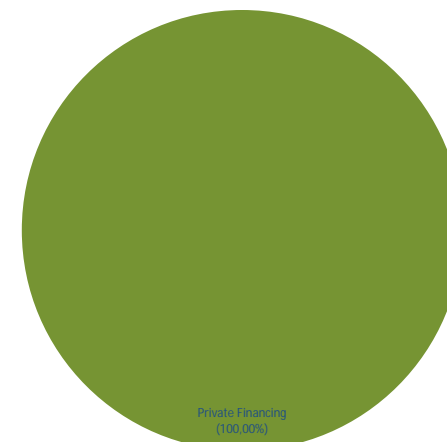
Pipeline including CS

SPONSORS	GENERAL INFORMATION	FINANCING
----------	---------------------	-----------



Enagás S.A. (100%)

Promoter	Enagás S.A.
Operator	Enagás S.A.
TEN-E Project ?	Not part of TEN-E
Interested by PCI ?	Yes
IGAs	None
Web Link	



Private Financing  
(100.00%)

THIRD-PARTY ACCESS REGIME		SCHEDULE		TECHNICAL INFORMATION	
Considered TPA Regime	Regulated	End of permitting phase		# of Pipelines, nodes, CS	1
Considered Tariff Regime	Regulated	FID		Total Pipeline Length (km)	+114,00
Applied for Exemption ?	No	Construction		Total Compressor Power (MW)	
Exemption granted ?	No	Commissioning	*	Expected Load Factor	
% Exemption in entry direction	0%	Last completed Phase :	FID		
% Exemption in exit direction	0%				

\* Spanish core network projects without specific date of commissioning have been postponed/mothballed until a new planning document is approved by the government according to Spanish Royal Decree-Law 13/2012. No changes at FID Cross-Border Interconnection Points Capacity.





PROJECTED CAPACITY INCREASES					
Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone

DESCRIPTION OF THE PROJECT
None

COMMENTS ABOUT THE PROJECT FINANCING		
Public financing	Private financing	Multilateral financing

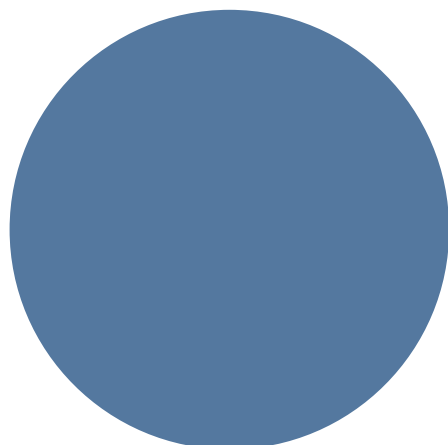




TRA-N-168	Interconnection ES-PT (3rd IP)	Non-FID
-----------	--------------------------------	---------

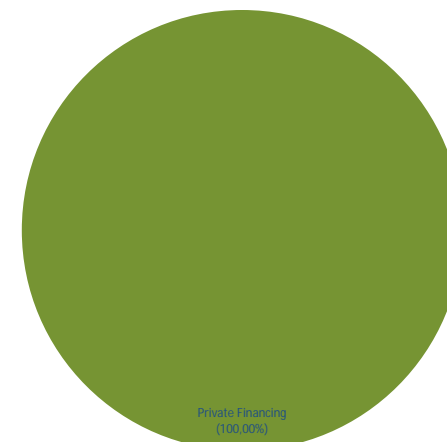
Pipeline including CS

SPONSORS	GENERAL INFORMATION	FINANCING
----------	---------------------	-----------



Enagás S.A. (100%)

Promoter	Enagás S.A.
Operator	Enagás S.A.
TEN-E Project ?	Not part of TEN-E
Interested by PCI ?	Yes
IGAs	None
Web Link	



Private Financing  
(100.00%)

THIRD-PARTY ACCESS REGIME		SCHEDULE		TECHNICAL INFORMATION	
Considered TPA Regime	Regulated	End of permitting phase		# of Pipelines, nodes, CS	1
Considered Tariff Regime	Regulated	FID		Total Pipeline Length (km)	+86,00
Applied for Exemption ?	No	Construction		Total Compressor Power (MW)	
Exemption granted ?	No	Commissioning	*	Expected Load Factor	
% Exemption in entry direction	0%	Last completed Phase :			
% Exemption in exit direction	0%				

\* Spanish core network projects without specific date of commissioning have been postponed/mothballed until a new planning document is approved by the government according to Spanish Royal Decree-Law 13/2012. No changes at FID Cross-Border Interconnection Points Capacity.







PROJECTED CAPACITY INCREASES					
Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone
Mangualde (PT) / Zamora (ES) (3rd Spain / Portugal IP)	Yes	entry	107,00	Hub Portugal	Hub Spain
	Yes	exit	107,00	Hub Spain	Hub Portugal

DESCRIPTION OF THE PROJECT
None

COMMENTS ABOUT THE PROJECT FINANCING		
Public financing	Private financing	Multilateral financing

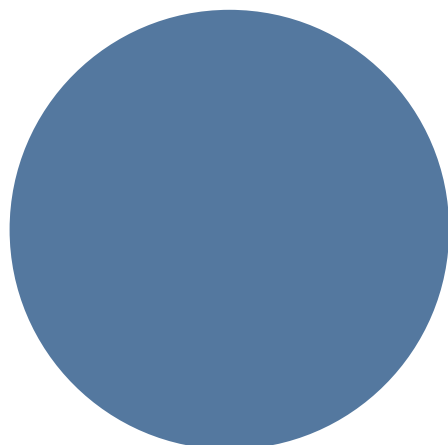




TRA-N-278	Castropodame-Zamora	Non-FID
-----------	---------------------	---------

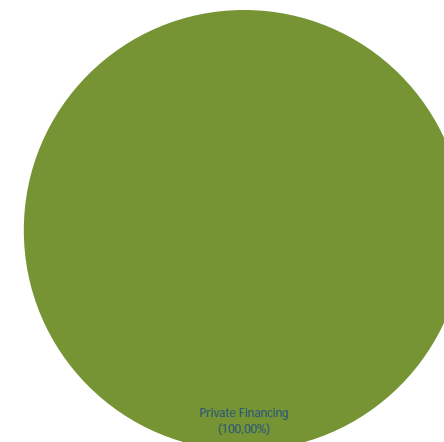
Pipeline including CS

SPONSORS	GENERAL INFORMATION	FINANCING
----------	---------------------	-----------



Enagás S.A. (100%)

Promoter	Enagás S.A.
Operator	Enagás S.A.
TEN-E Project ?	Not part of TEN-E
Interested by PCI ?	Yes
IGAs	None
Web Link	



Private Financing  
(100.00%)

THIRD-PARTY ACCESS REGIME		SCHEDULE		TECHNICAL INFORMATION	
Considered TPA Regime	Regulated	End of permitting phase		# of Pipelines, nodes, CS	1
Considered Tariff Regime	Regulated	FID		Total Pipeline Length (km)	+170,00
Applied for Exemption ?	No	Construction		Total Compressor Power (MW)	
Exemption granted ?	No	Commissioning	*	Expected Load Factor	
% Exemption in entry direction	0%	Last completed Phase :			
% Exemption in exit direction	0%				

\* Spanish core network projects without specific date of commissioning have been postponed/mothballed until a new planning document is approved by the government according to Spanish Royal Decree-Law 13/2012. No changes at FID Cross-Border Interconnection Points Capacity.





PROJECTED CAPACITY INCREASES					
Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone

DESCRIPTION OF THE PROJECT
None

COMMENTS ABOUT THE PROJECT FINANCING		
Public financing	Private financing	Multilateral financing

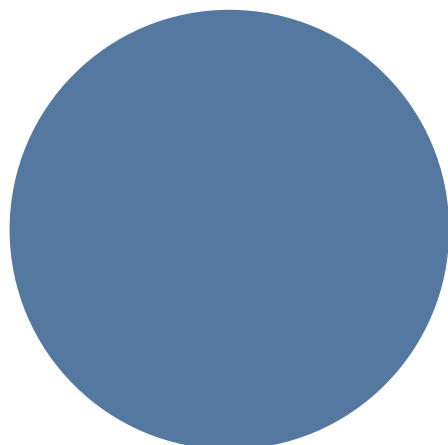




TRA-N-280	Lugo-Villafranca del Bierzo	Non-FID
-----------	-----------------------------	---------

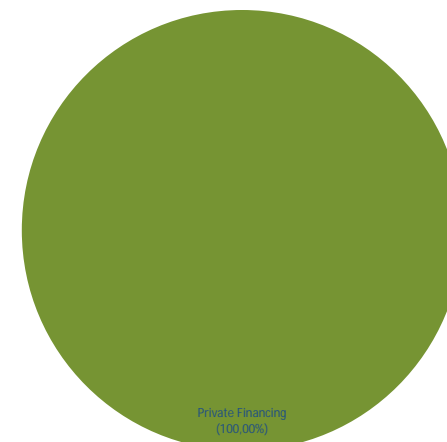
Pipeline including CS

SPONSORS	GENERAL INFORMATION	FINANCING
----------	---------------------	-----------



Enagás S.A. (100%)

Promoter	Enagás S.A.
Operator	Enagás S.A.
TEN-E Project ?	Not part of TEN-E
Interested by PCI ?	Yes
IGAs	None
Web Link	



Private Financing  
(100.00%)

THIRD-PARTY ACCESS REGIME		SCHEDULE		TECHNICAL INFORMATION	
Considered TPA Regime	Regulated	End of permitting phase		# of Pipelines, nodes, CS	1
Considered Tariff Regime	Regulated	FID		Total Pipeline Length (km)	+90,00
Applied for Exemption ?	No	Construction		Total Compressor Power (MW)	
Exemption granted ?	No	Commissioning	*	Expected Load Factor	
% Exemption in entry direction	0%	Last completed Phase :			
% Exemption in exit direction	0%				

\* Spanish core network projects without specific date of commissioning have been postponed/mothballed until a new planning document is approved by the government according to Spanish Royal Decree-Law 13/2012. No changes at FID Cross-Border Interconnection Points Capacity.





PROJECTED CAPACITY INCREASES					
Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone

DESCRIPTION OF THE PROJECT
None

COMMENTS ABOUT THE PROJECT FINANCING		
Public financing	Private financing	Multilateral financing

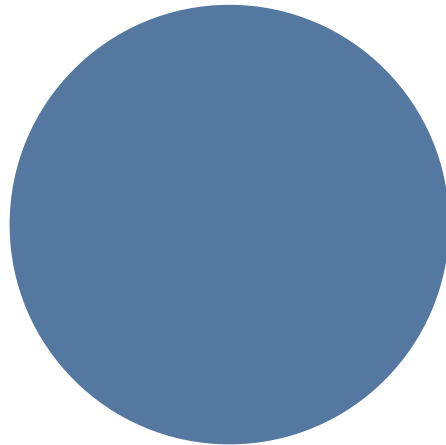




TRA-N-281	Villafranca del Bierzo-Castropodame	Non-FID
-----------	-------------------------------------	---------

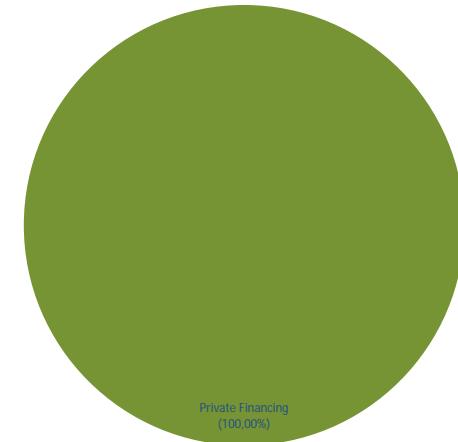
Pipeline including CS

SPONSORS	GENERAL INFORMATION	FINANCING
----------	---------------------	-----------



Enagás S.A. (100%)

Promoter	Enagás S.A.
Operator	Enagás S.A.
TEN-E Project ?	Not part of TEN-E
Interested by PCI ?	Yes
IGAs	None
Web Link	



Private Financing  
(100.00%)

THIRD-PARTY ACCESS REGIME		SCHEDULE		TECHNICAL INFORMATION	
Considered TPA Regime	Regulated	End of permitting phase		# of Pipelines, nodes, CS	1
Considered Tariff Regime	Regulated	FID		Total Pipeline Length (km)	+30,00
Applied for Exemption ?	No	Construction		Total Compressor Power (MW)	
Exemption granted ?	No	Commissioning	*	Expected Load Factor	
% Exemption in entry direction	0%	Last completed Phase :			
% Exemption in exit direction	0%				

\* Spanish core network projects without specific date of commissioning have been postponed/mothballed until a new planning document is approved by the government according to Spanish Royal Decree-Law 13/2012. No changes at FID Cross-Border Interconnection Points Capacity.





PROJECTED CAPACITY INCREASES					
Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone

DESCRIPTION OF THE PROJECT
None

COMMENTS ABOUT THE PROJECT FINANCING		
Public financing	Private financing	Multilateral financing

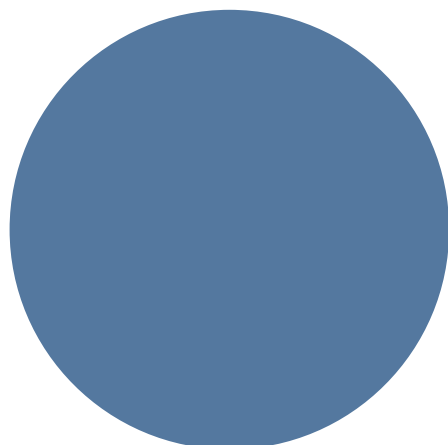




TRA-N-159	CS Zamora power increase	Non-FID
-----------	--------------------------	---------

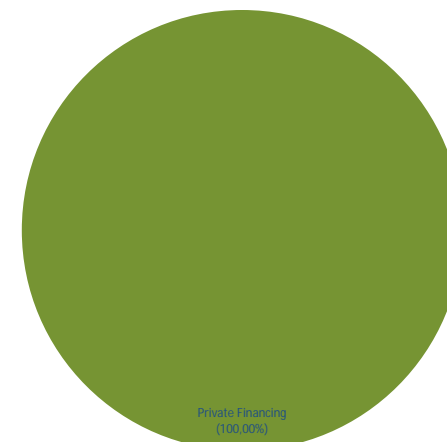
Pipeline including CS

SPONSORS	GENERAL INFORMATION	FINANCING
----------	---------------------	-----------



Enagás S.A. (100%)

Promoter	Enagás S.A.
Operator	Enagás S.A.
TEN-E Project ?	Not part of TEN-E
Interested by PCI ?	Yes
IGAs	None
Web Link	



Private Financing  
(100.00%)

THIRD-PARTY ACCESS REGIME		SCHEDULE		TECHNICAL INFORMATION	
Considered TPA Regime	Regulated	End of permitting phase		# of Pipelines, nodes, CS	1
Considered Tariff Regime	Regulated	FID		Total Pipeline Length (km)	
Applied for Exemption ?	No	Construction		Total Compressor Power (MW)	+23,00
Exemption granted ?	No	Commissioning	*	Expected Load Factor	
% Exemption in entry direction	0%	Last completed Phase :			
% Exemption in exit direction	0%				

\* Spanish core network projects without specific date of commissioning have been postponed/mothballed until a new planning document is approved by the government according to Spanish Royal Decree-Law 13/2012. No changes at FID Cross-Border Interconnection Points Capacity.







PROJECTED CAPACITY INCREASES					
Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone

DESCRIPTION OF THE PROJECT
None

COMMENTS ABOUT THE PROJECT FINANCING		
Public financing	Private financing	Multilateral financing

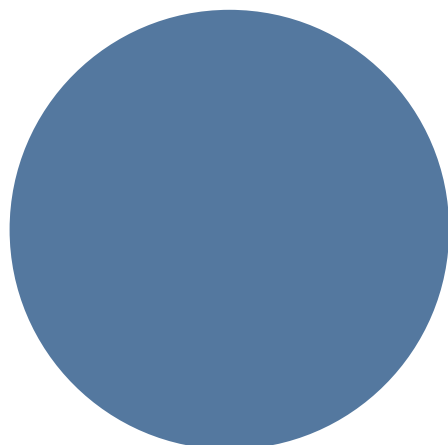




TRA-N-167	Loop Arrigorriaga-Lemona	Non-FID
-----------	--------------------------	---------

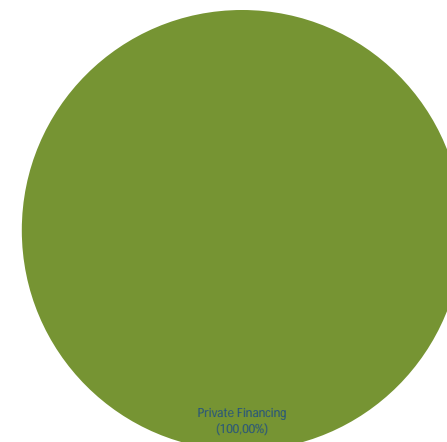
Pipeline including CS

SPONSORS	GENERAL INFORMATION	FINANCING
----------	---------------------	-----------



Enagás S.A. (100%)

Promoter	Enagás S.A.
Operator	Enagás S.A.
TEN-E Project ?	Not part of TEN-E
Interested by PCI ?	No
IGAs	None
Web Link	



Private Financing  
(100.00%)

THIRD-PARTY ACCESS REGIME		SCHEDULE		TECHNICAL INFORMATION	
Considered TPA Regime	Regulated	End of permitting phase		# of Pipelines, nodes, CS	1
Considered Tariff Regime	Regulated	FID		Total Pipeline Length (km)	+15,00
Applied for Exemption ?	No	Construction		Total Compressor Power (MW)	
Exemption granted ?	No	Commissioning	*	Expected Load Factor	
% Exemption in entry direction	0%	Last completed Phase :			
% Exemption in exit direction	0%				

\* Spanish core network projects without specific date of commissioning have been postponed/mothballed until a new planning document is approved by the government according to Spanish Royal Decree-Law 13/2012. No changes at FID Cross-Border Interconnection Points Capacity.





PROJECTED CAPACITY INCREASES					
Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone

DESCRIPTION OF THE PROJECT
None

COMMENTS ABOUT THE PROJECT FINANCING		
Public financing	Private financing	Multilateral financing

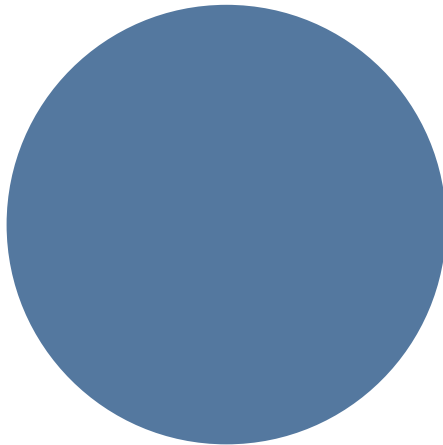




TRA-N-172	Loop Vergara-Lemona	Non-FID
-----------	---------------------	---------

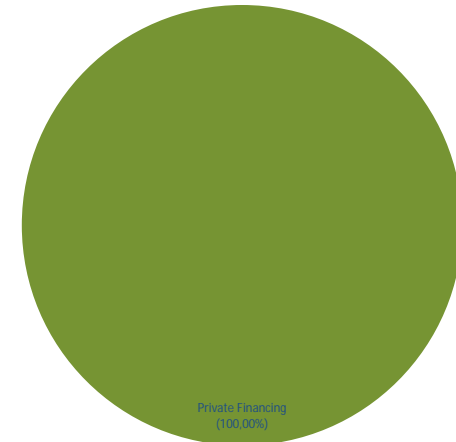
Pipeline including CS

SPONSORS	GENERAL INFORMATION	FINANCING
----------	---------------------	-----------



Enagás S.A. (100%)

Promoter	Enagás S.A.
Operator	Enagás S.A.
TEN-E Project ?	Not part of TEN-E
Interested by PCI ?	No
IGAs	None
Web Link	



Private Financing  
(100.00%)

THIRD-PARTY ACCESS REGIME		SCHEDULE		TECHNICAL INFORMATION	
Considered TPA Regime	Regulated	End of permitting phase		# of Pipelines, nodes, CS	1
Considered Tariff Regime	Regulated	FID		Total Pipeline Length (km)	+15,00
Applied for Exemption ?	No	Construction		Total Compressor Power (MW)	
Exemption granted ?	No	Commissioning	*	Expected Load Factor	
% Exemption in entry direction	0%	Last completed Phase :			
% Exemption in exit direction	0%				

\* Spanish core network projects without specific date of commissioning have been postponed/mothballed until a new planning document is approved by the government according to Spanish Royal Decree-Law 13/2012. No changes at FID Cross-Border Interconnection Points Capacity.





PROJECTED CAPACITY INCREASES					
Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone

DESCRIPTION OF THE PROJECT
None

COMMENTS ABOUT THE PROJECT FINANCING		
Public financing	Private financing	Multilateral financing

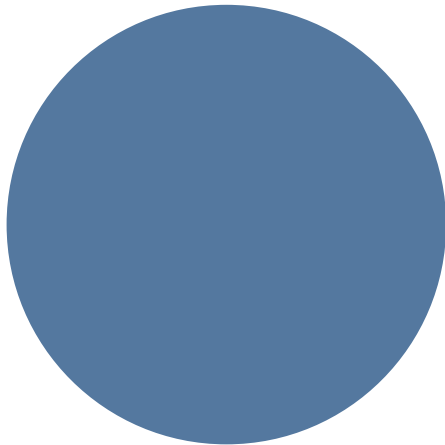




TRA-N-161	Iberian-French corridor: Eastern Axis-Midcat Project (Pipeline Figueras-French border)	Non-FID
-----------	--	---------

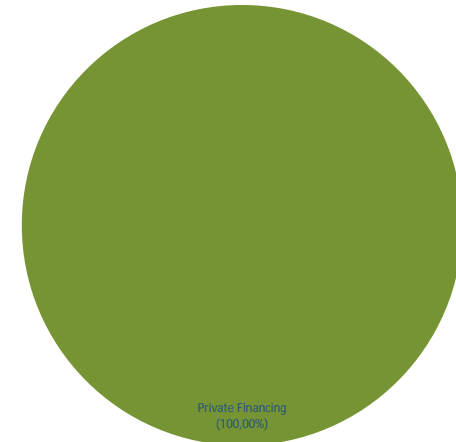
Pipeline including CS

SPONSORS	GENERAL INFORMATION	FINANCING
----------	---------------------	-----------



Enagás S.A. (100%)

Promoter	Enagás S.A.
Operator	Enagás S.A.
TEN-E Project ?	Not part of TEN-E
Interested by PCI ?	Yes
IGAs	None
Web Link	



Private Financing  
(100.00%)

THIRD-PARTY ACCESS REGIME		SCHEDULE		TECHNICAL INFORMATION	
Considered TPA Regime	Regulated	End of permitting phase		# of Pipelines, nodes, CS	1
Considered Tariff Regime	Regulated	FID		Total Pipeline Length (km)	+25,00
Applied for Exemption ?	No	Construction		Total Compressor Power (MW)	
Exemption granted ?	No	Commissioning	2021	Expected Load Factor	
% Exemption in entry direction	0%	Last completed Phase :	Planned		
% Exemption in exit direction	0%				





PROJECTED CAPACITY INCREASES					
Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone
Le Perthus	Yes	entry	80,00	Hub France (PEG TIGF)	Hub Spain
	Yes	exit	230,00	Hub Spain	Hub France (PEG TIGF)

DESCRIPTION OF THE PROJECT
None

COMMENTS ABOUT THE PROJECT FINANCING		
Public financing	Private financing	Multilateral financing

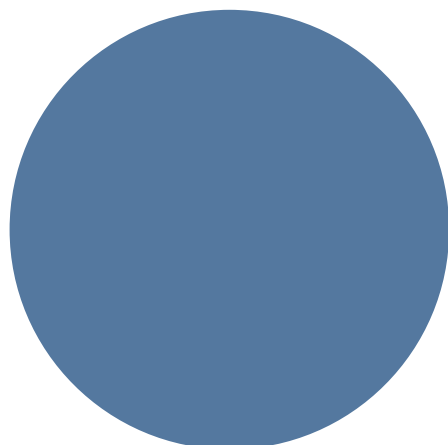




TRA-N-176	Iberian-French corridor: Eastern Axis-Midcat Project (CS Martorell)	Non-FID
-----------	---	---------

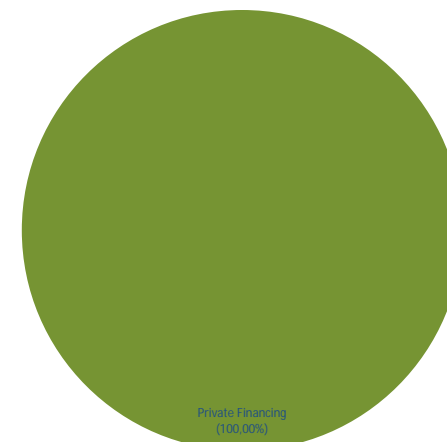
Pipeline including CS

SPONSORS	GENERAL INFORMATION	FINANCING
----------	---------------------	-----------



Enagás S.A. (100%)

Promoter	Enagás S.A.
Operator	Enagás S.A.
TEN-E Project ?	Not part of TEN-E
Interested by PCI ?	Yes
IGAs	None
Web Link	



Private Financing  
(100.00%)

THIRD-PARTY ACCESS REGIME		SCHEDULE		TECHNICAL INFORMATION	
Considered TPA Regime	Regulated	End of permitting phase		# of Pipelines, nodes, CS	1
Considered Tariff Regime	Regulated	FID		Total Pipeline Length (km)	
Applied for Exemption ?	No	Construction		Total Compressor Power (MW)	+36,00
Exemption granted ?	No	Commissioning	2021	Expected Load Factor	
% Exemption in entry direction	0%	Last completed Phase :	Planned		
% Exemption in exit direction	0%				







PROJECTED CAPACITY INCREASES					
Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone
Le Perthus	Yes	exit	230,00	Hub Spain	Hub France (PEG TIGF)
	Yes	entry	80,00	Hub France (PEG TIGF)	Hub Spain

DESCRIPTION OF THE PROJECT					
None					

COMMENTS ABOUT THE PROJECT FINANCING		
Public financing	Private financing	Multilateral financing

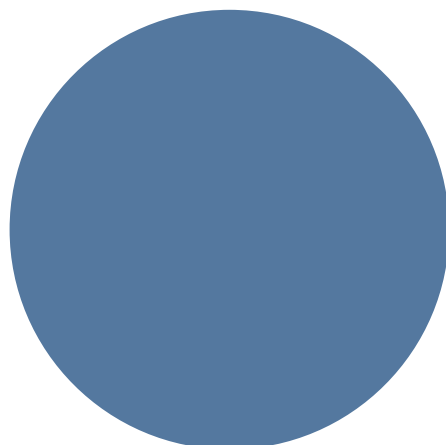




TRA-N-279	CS La Barbolla	Non-FID
-----------	----------------	---------

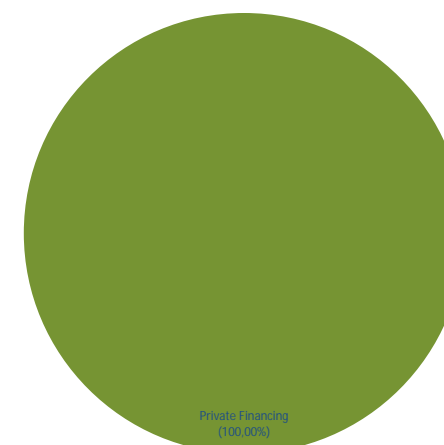
Pipeline including CS

SPONSORS	GENERAL INFORMATION	FINANCING
----------	---------------------	-----------



Enagás S.A. (100%)

Promoter	Enagás S.A.
Operator	Enagás S.A.
TEN-E Project ?	Not part of TEN-E
Interested by PCI ?	Yes
IGAs	None
Web Link	



Private Financing  
(100.00%)

THIRD-PARTY ACCESS REGIME		SCHEDULE		TECHNICAL INFORMATION	
Considered TPA Regime	Regulated	End of permitting phase		# of Pipelines, nodes, CS	1
Considered Tariff Regime	Regulated	FID		Total Pipeline Length (km)	
Applied for Exemption ?	No	Construction		Total Compressor Power (MW)	+20,00
Exemption granted ?	No	Commissioning	*	Expected Load Factor	
% Exemption in entry direction	0%	Last completed Phase :			
% Exemption in exit direction	0%				

\* Spanish core network projects without specific date of commissioning have been postponed/mothballed until a new planning document is approved by the government according to Spanish Royal Decree-Law 13/2012. No changes at FID Cross-Border Interconnection Points Capacity.





PROJECTED CAPACITY INCREASES					
Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone
Mangualde (PT) / Zamora (ES) (3rd Spain / Portugal IP)	Yes	exit	35,00	Hub Spain	Hub Portugal
	Yes	entry	35,00	Hub Portugal	Hub Spain

DESCRIPTION OF THE PROJECT
None

COMMENTS ABOUT THE PROJECT FINANCING		
Public financing	Private financing	Multilateral financing

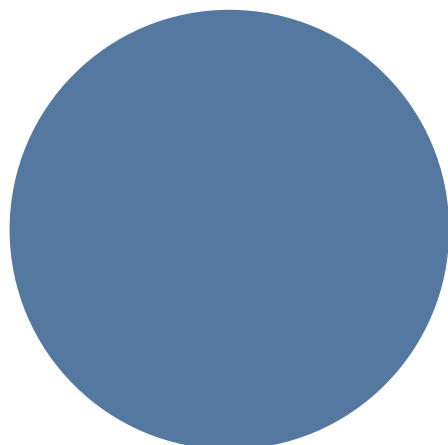




TRA-N-282	Zamora-Barbolla-Adradas	Non-FID
-----------	-------------------------	---------

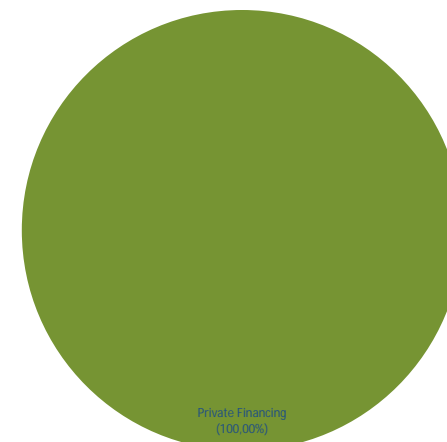
Pipeline including CS

SPONSORS	GENERAL INFORMATION	FINANCING
----------	---------------------	-----------



Enagás S.A. (100%)

Promoter	Enagás S.A.
Operator	Enagás S.A.
TEN-E Project ?	Not part of TEN-E
Interested by PCI ?	Yes
IGAs	None
Web Link	



Private Financing  
(100.00%)

THIRD-PARTY ACCESS REGIME		SCHEDULE		TECHNICAL INFORMATION	
Considered TPA Regime	Regulated	End of permitting phase		# of Pipelines, nodes, CS	1
Considered Tariff Regime	Regulated	FID		Total Pipeline Length (km)	+307,00
Applied for Exemption ?	No	Construction		Total Compressor Power (MW)	
Exemption granted ?	No	Commissioning	*	Expected Load Factor	
% Exemption in entry direction	0%	Last completed Phase :			
% Exemption in exit direction	0%				

\* Spanish core network projects without specific date of commissioning have been postponed/mothballed until a new planning document is approved by the government according to Spanish Royal Decree-Law 13/2012. No changes at FID Cross-Border Interconnection Points Capacity.





PROJECTED CAPACITY INCREASES					
Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone

DESCRIPTION OF THE PROJECT
None

COMMENTS ABOUT THE PROJECT FINANCING		
Public financing	Private financing	Multilateral financing



## 3.2 SPAIN

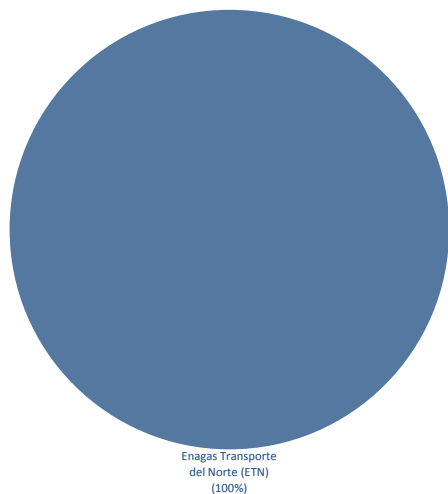
Enagás Transporte del Norte pipelines, including compression projects



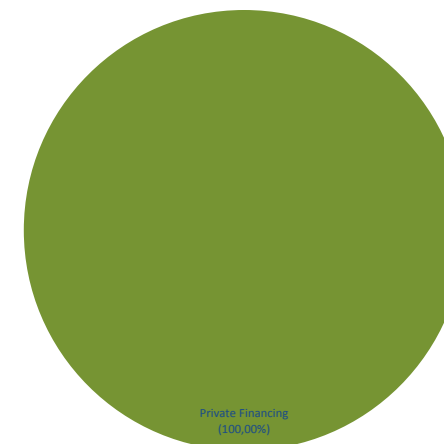
TRA-F-155	Bilbao Terminal-Treto	FID
-----------	-----------------------	-----

Pipeline including CS

SPONSORS	GENERAL INFORMATION	FINANCING
----------	---------------------	-----------



Promoter	ETN (Enagás Transporte del Norte)
Operator	ETN (Enagás Transporte del Norte)
TEN-E Project ?	Not part of TEN-E
Interested by PCI ?	No
IGAs	None
Web Link	



THIRD-PARTY ACCESS REGIME		SCHEDULE		TECHNICAL INFORMATION	
Considered TPA Regime	Regulated	End of permitting phase		# of Pipelines, nodes, CS	1
Considered Tariff Regime	Regulated	FID		Total Pipeline Length (km)	+53,00
Applied for Exemption ?	No	Construction		Total Compressor Power (MW)	
Exemption granted ?	No	Commissioning	2014	Expected Load Factor	
% Exemption in entry direction	0%	Last completed Phase :	Construction		
% Exemption in exit direction	0%				





PROJECTED CAPACITY INCREASES					
Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone

DESCRIPTION OF THE PROJECT
None

COMMENTS ABOUT THE PROJECT FINANCING		
Public financing	Private financing	Multilateral financing





## 3.3 SPAIN

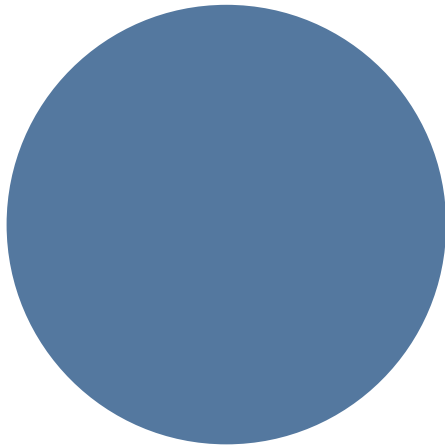
### Enagás LNG terminal projects



LNG-N-174	Musel's 3th LNG Storage Tank	Non-FID
-----------	------------------------------	---------

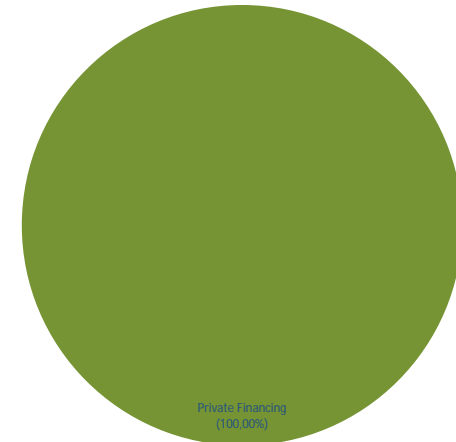
#### LNG Terminal

SPONSORS	GENERAL INFORMATION	FINANCING
----------	---------------------	-----------



Enagás S.A. (100%)

Promoter	Enagás S.A.
Operator	Enagás S.A.
TEN-E Project ?	Not part of TEN-E
Interested by PCI ?	No
IGAs	None
Web Link	



Private Financing  
(100.00%)

THIRD-PARTY ACCESS REGIME		SCHEDULE		TECHNICAL INFORMATION	
Considered TPA Regime	Regulated	End of permitting phase		Regasification facility	Musel
Considered Tariff Regime	Regulated	FID		Expected volume (bcm/y)	
Applied for Exemption ?	No	Construction		Storage capacity (m3)	+150.000,00
Exemption granted ?	No	Commissioning	*	Send-out (mcm/d)	
% Exemption in entry direction	0%	Last completed Phase :		Ship size (m3)	
% Exemption in exit direction	0%			Reloading ability ?	No

\* Spanish core network projects without specific date of commissioning have been postponed/mothballed until a new planning document is approved by the government according to Spanish Royal Decree-Law 13/2012. No changes at FID Cross-Border Interconnection Points Capacity.





PROJECTED CAPACITY INCREASES					
Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone

DESCRIPTION OF THE PROJECT
None

COMMENTS ABOUT THE PROJECT FINANCING		
Public financing	Private financing	Multilateral financing

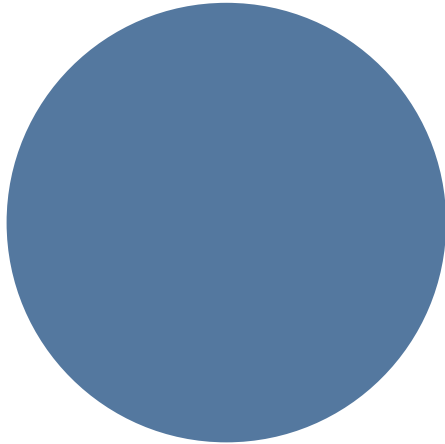




LNG-N-177	Musel's 4th LNG Storage Tank	Non-FID
-----------	------------------------------	---------

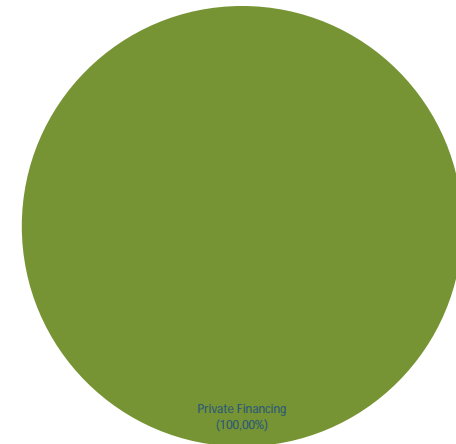
#### LNG Terminal

SPONSORS	GENERAL INFORMATION	FINANCING
----------	---------------------	-----------



Enagás S.A. (100%)

Promoter	Enagás S.A.
Operator	Enagás S.A.
TEN-E Project ?	Not part of TEN-E
Interested by PCI ?	No
IGAs	None
Web Link	



Private Financing  
(100.00%)

THIRD-PARTY ACCESS REGIME		SCHEDULE		TECHNICAL INFORMATION	
Considered TPA Regime	Regulated	End of permitting phase		Regasification facility	Musel
Considered Tariff Regime	Regulated	FID		Expected volume (bcm/y)	
Applied for Exemption ?	No	Construction		Storage capacity (m3)	+150.000,00
Exemption granted ?	No	Commissioning	*	Send-out (mcm/d)	
% Exemption in entry direction	0%	Last completed Phase :		Ship size (m3)	
% Exemption in exit direction	0%			Reloading ability ?	No

\* Spanish core network projects without specific date of commissioning have been postponed/mothballed until a new planning document is approved by the government according to Spanish Royal Decree-Law 13/2012. No changes at FID Cross-Border Interconnection Points Capacity.





PROJECTED CAPACITY INCREASES					
Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone

DESCRIPTION OF THE PROJECT
None

COMMENTS ABOUT THE PROJECT FINANCING		
Public financing	Private financing	Multilateral financing

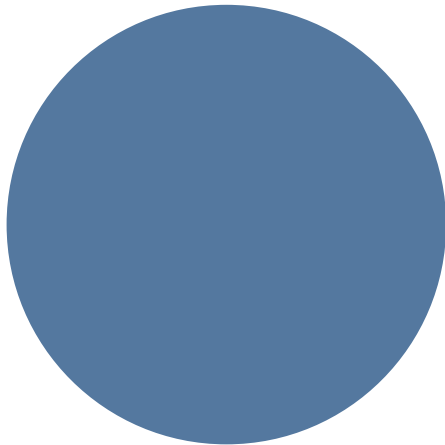




LNG-N-179	Musel Send-Out increase	Non-FID
-----------	-------------------------	---------

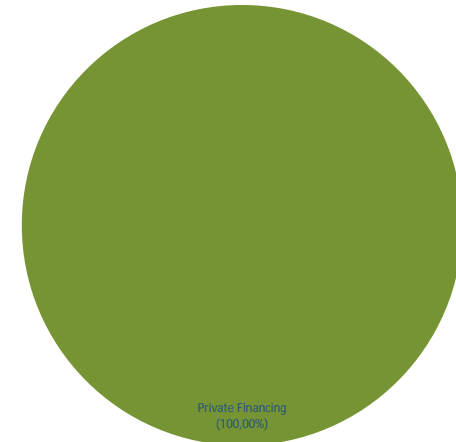
#### LNG Terminal

SPONSORS	GENERAL INFORMATION	FINANCING
----------	---------------------	-----------



Enagás S.A. (100%)

Promoter	Enagás S.A.
Operator	Enagás S.A.
TEN-E Project ?	Not part of TEN-E
Interested by PCI ?	No
IGAs	None
Web Link	



Private Financing  
(100.00%)

THIRD-PARTY ACCESS REGIME		SCHEDULE		TECHNICAL INFORMATION	
Considered TPA Regime	Regulated	End of permitting phase		Regasification facility	Musel
Considered Tariff Regime	Regulated	FID		Expected volume (bcm/y)	
Applied for Exemption ?	No	Construction		Storage capacity (m3)	
Exemption granted ?	No	Commissioning	*	Send-out (mcm/d)	+4,80
% Exemption in entry direction	0%	Last completed Phase :		Ship size (m3)	
% Exemption in exit direction	0%			Reloading ability ?	No

\* Spanish core network projects without specific date of commissioning have been postponed/mothballed until a new planning document is approved by the government according to Spanish Royal Decree-Law 13/2012. No changes at FID Cross-Border Interconnection Points Capacity.





PROJECTED CAPACITY INCREASES					
Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone
Musel	No	entry	55,80	LNG Terminals Spain	Hub Spain

DESCRIPTION OF THE PROJECT					
None					

COMMENTS ABOUT THE PROJECT FINANCING		
Public financing	Private financing	Multilateral financing

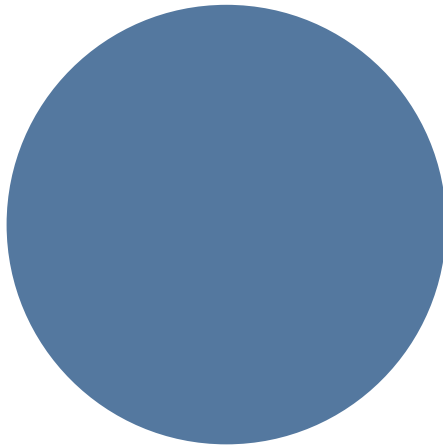




LNG-F-178	Musel LNG terminal	FID
-----------	--------------------	-----

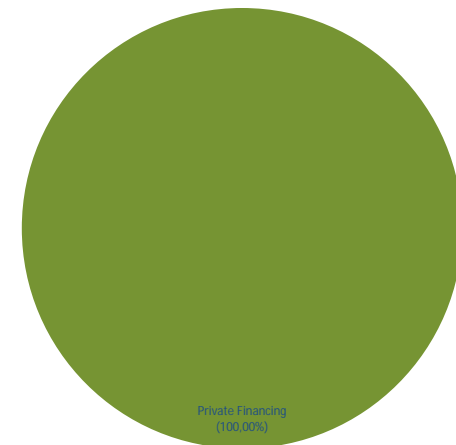
#### LNG Terminal

SPONSORS	GENERAL INFORMATION	FINANCING
----------	---------------------	-----------



Enagás S.A. (100%)

Promoter	Enagás S.A.
Operator	Enagás S.A.
TEN-E Project ?	Not part of TEN-E
Interested by PCI ?	No
IGAs	None
Web Link	



Private Financing  
(100.00%)

THIRD-PARTY ACCESS REGIME		SCHEDULE		TECHNICAL INFORMATION	
Considered TPA Regime	Regulated	End of permitting phase		Regasification facility	Musel
Considered Tariff Regime	Regulated	FID		Expected volume (bcm/y)	
Applied for Exemption ?	No	Construction		Storage capacity (m3)	+300.000,00
Exemption granted ?	No	Commissioning	2022	Send-out (mcm/d)	+19,20
% Exemption in entry direction	0%	Last completed Phase :	Construction	Ship size (m3)	250.000,00
% Exemption in exit direction	0%			Reloading ability ?	No







PROJECTED CAPACITY INCREASES					
Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone
Musel	Yes	entry	223,30	LNG Terminals Spain	Hub Spain

DESCRIPTION OF THE PROJECT
None

COMMENTS ABOUT THE PROJECT FINANCING		
Public financing	Private financing	Multilateral financing



## 3.4 SPAIN

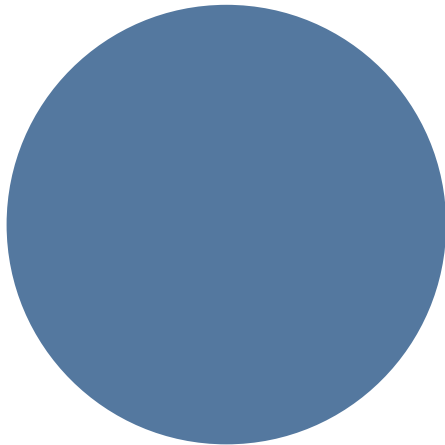
### BBG LNG terminal projects



LNG-F-150	Bilbao's 3rd LNG Storage Tank	FID
-----------	-------------------------------	-----

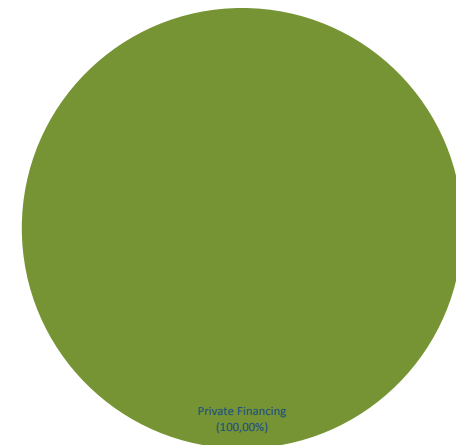
#### LNG Terminal

SPONSORS	GENERAL INFORMATION	FINANCING
----------	---------------------	-----------



BBG (100%)

Promoter	BBG
Operator	BBG
TEN-E Project ?	Not part of TEN-E
Interested by PCI ?	No
IGAs	None
Web Link	



Private Financing  
(100,00%)

THIRD-PARTY ACCESS REGIME		SCHEDULE		TECHNICAL INFORMATION	
Considered TPA Regime	Regulated	End of permitting phase		Regasification facility	Bilbao LNG Terminal
Considered Tariff Regime	Regulated	FID		Expected volume (bcm/y)	
Applied for Exemption ?	No	Construction		Storage capacity (m3)	+150.000,00
Exemption granted ?	No	Commissioning	2014	Send-out (mcm/d)	
% Exemption in entry direction	0%	Last completed Phase :	Construction	Ship size (m3)	
% Exemption in exit direction	0%			Reloading ability ?	No





PROJECTED CAPACITY INCREASES					
Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone

DESCRIPTION OF THE PROJECT
None

COMMENTS ABOUT THE PROJECT FINANCING		
Public financing	Private financing	Multilateral financing

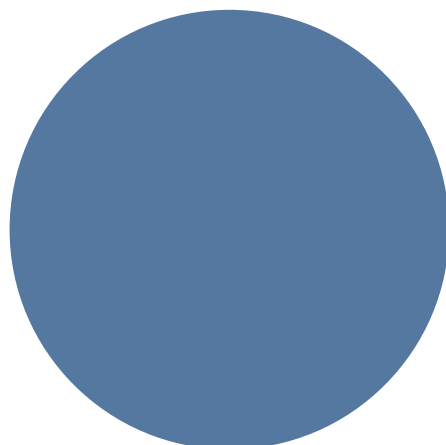




LNG-F-152	Bilbao Send-Out increase 1000000	FID
-----------	----------------------------------	-----

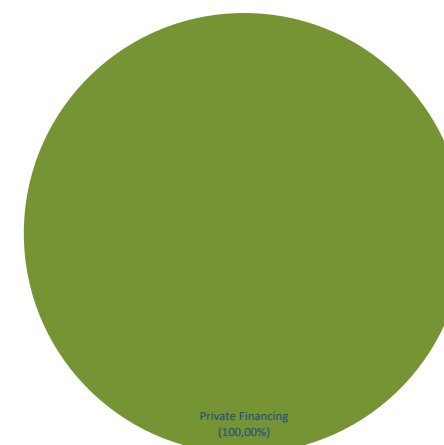
#### LNG Terminal

SPONSORS	GENERAL INFORMATION	FINANCING
----------	---------------------	-----------



BBG (100%)

Promoter	BBG
Operator	BBG
TEN-E Project ?	Not part of TEN-E
Interested by PCI ?	No
IGAs	None
Web Link	



Private Financing  
(100,00%)

THIRD-PARTY ACCESS REGIME		SCHEDULE		TECHNICAL INFORMATION	
Considered TPA Regime	Regulated	End of permitting phase		Regasification facility	Bilbao LNG Terminal
Considered Tariff Regime	Regulated	FID		Expected volume (bcm/y)	
Applied for Exemption ?	No	Construction		Storage capacity (m3)	
Exemption granted ?	No	Commissioning	*	Send-out (mcm/d)	+4,80
% Exemption in entry direction	0%	Last completed Phase :	FID	Ship size (m3)	
% Exemption in exit direction	0%			Reloading ability ?	No

\* Spanish core network projects without specific date of commissioning have been postponed/mothballed until a new planning document is approved by the government according to Spanish Royal Decree-Law 13/2012. No changes at FID Cross-Border Interconnection Points Capacity.





PROJECTED CAPACITY INCREASES					
Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone
Bilbao	Yes	exit	55,80	LNG Terminals Spain	Hub Spain

DESCRIPTION OF THE PROJECT
None

COMMENTS ABOUT THE PROJECT FINANCING		
Public financing	Private financing	Multilateral financing

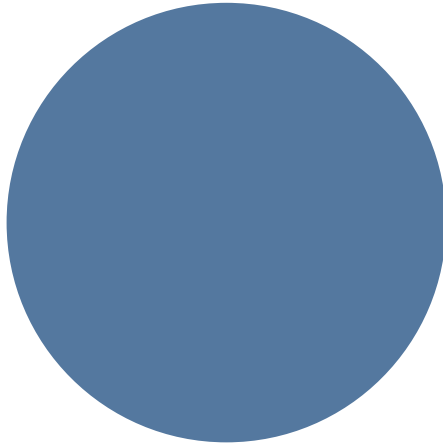




LNG-N-151	Bilbao's 4th LNG Storage Tank	Non-FID
-----------	-------------------------------	---------

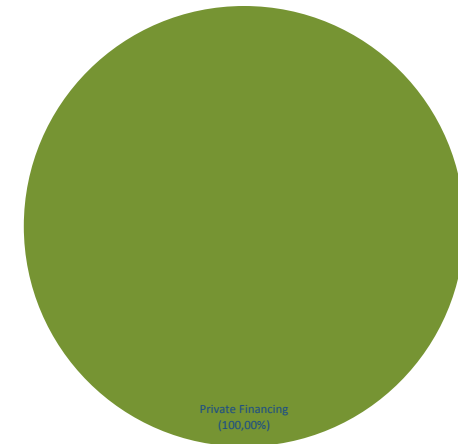
#### LNG Terminal

SPONSORS	GENERAL INFORMATION	FINANCING
----------	---------------------	-----------



BBG (100%)

Promoter	BBG
Operator	BBG
TEN-E Project ?	Not part of TEN-E
Interested by PCI ?	No
IGAs	None
Web Link	



Private Financing  
(100,00%)

THIRD-PARTY ACCESS REGIME		SCHEDULE		TECHNICAL INFORMATION	
Considered TPA Regime	Regulated	End of permitting phase		Regasification facility	Bilbao LNG Terminal
Considered Tariff Regime	Regulated	FID		Expected volume (bcm/y)	
Applied for Exemption ?	No	Construction		Storage capacity (m3)	+150.000,00
Exemption granted ?	No	Commissioning	*	Send-out (mcm/d)	
% Exemption in entry direction	0%	Last completed Phase :	Planned	Ship size (m3)	
% Exemption in exit direction	0%			Reloading ability ?	No

\* Spanish core network projects without specific date of commissioning have been postponed/mothballed until a new planning document is approved by the government according to Spanish Royal Decree-Law 13/2012. No changes at FID Cross-Border Interconnection Points Capacity.





PROJECTED CAPACITY INCREASES					
Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone

DESCRIPTION OF THE PROJECT
None

COMMENTS ABOUT THE PROJECT FINANCING		
Public financing	Private financing	Multilateral financing



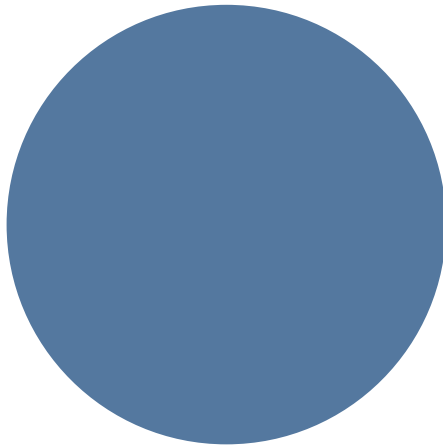




LNG-N-154	Bilbao Send-Out increase 1200000	Non-FID
-----------	----------------------------------	---------

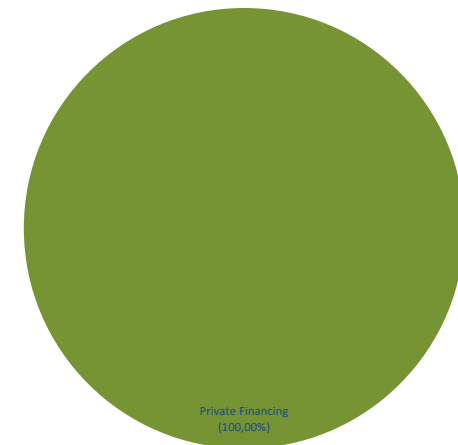
#### LNG Terminal

SPONSORS	GENERAL INFORMATION	FINANCING
----------	---------------------	-----------



BBG (100%)

Promoter	BBG
Operator	BBG
TEN-E Project ?	Not part of TEN-E
Interested by PCI ?	Yes
IGAs	None
Web Link	



Private Financing  
(100,00%)

THIRD-PARTY ACCESS REGIME		SCHEDULE		TECHNICAL INFORMATION	
Considered TPA Regime	Regulated	End of permitting phase		Regasification facility	Bilbao LNG Terminal
Considered Tariff Regime	Regulated	FID		Expected volume (bcm/y)	
Applied for Exemption ?	No	Construction		Storage capacity (m3)	
Exemption granted ?	No	Commissioning	*	Send-out (mcm/d)	+4,80
% Exemption in entry direction	0%	Last completed Phase :	Planned	Ship size (m3)	
% Exemption in exit direction	0%			Reloading ability ?	No

\* Spanish core network projects without specific date of commissioning have been postponed/mothballed until a new planning document is approved by the government according to Spanish Royal Decree-Law 13/2012. No changes at FID Cross-Border Interconnection Points Capacity.





PROJECTED CAPACITY INCREASES					
Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone
Bilbao	Yes	exit	55,80	LNG Terminals Spain	Hub Spain

DESCRIPTION OF THE PROJECT
None

COMMENTS ABOUT THE PROJECT FINANCING		
Public financing	Private financing	Multilateral financing

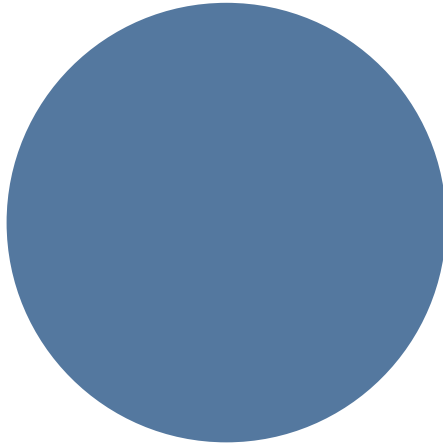




LNG-N-153	Bilbao Send-Out increase 1400000	Non-FID
-----------	----------------------------------	---------

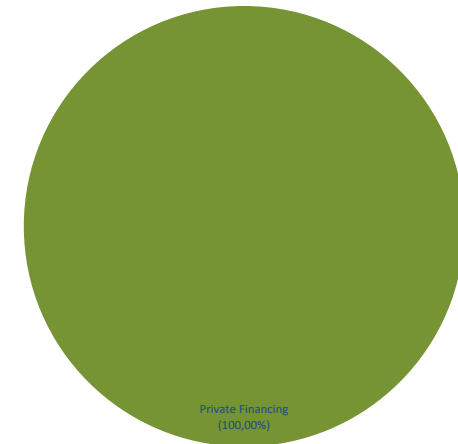
#### LNG Terminal

SPONSORS	GENERAL INFORMATION	FINANCING
----------	---------------------	-----------



BBG (100%)

Promoter	BBG
Operator	BBG
TEN-E Project ?	Not part of TEN-E
Interested by PCI ?	No
IGAs	None
Web Link	



Private Financing  
(100,00%)

THIRD-PARTY ACCESS REGIME		SCHEDULE		TECHNICAL INFORMATION	
Considered TPA Regime	Regulated	End of permitting phase		Regasification facility	Bilbao LNG Terminal
Considered Tariff Regime	Regulated	FID		Expected volume (bcm/y)	
Applied for Exemption ?	No	Construction		Storage capacity (m3)	
Exemption granted ?	No	Commissioning	*	Send-out (mcm/d)	+4,80
% Exemption in entry direction	0%	Last completed Phase :	Planned	Ship size (m3)	
% Exemption in exit direction	0%			Reloading ability ?	No

\* Spanish core network projects without specific date of commissioning have been postponed/mothballed until a new planning document is approved by the government according to Spanish Royal Decree-Law 13/2012. No changes at FID Cross-Border Interconnection Points Capacity.





PROJECTED CAPACITY INCREASES					
Interconnection	Modelled	Direction	Capacity (GWh/d)	From Zone	To Zone
Bilbao	Yes	exit	55,80	LNG Terminals Spain	Hub Spain

DESCRIPTION OF THE PROJECT
None

COMMENTS ABOUT THE PROJECT FINANCING		
Public financing	Private financing	Multilateral financing





ENTSOG AISBL

Avenue de Cortenbergh 100  
1000 Brussels, Belgium  
Tel. +32 2 894 51 00

**[info@entsog.eu](mailto:info@entsog.eu)**  
**[www.entsog.eu](http://www.entsog.eu)**