EUROPEAN
COMMISSION

Brussels, 18.11.2013
SWD(2013) 458 final

COMMISSION STAFF WORKING DOCUMENT

Data on the budgetary and technical implementation of the European energy Programme for Recovery

Accompanying the document

Report from the Commision to the European Parliament and the Council on the implementation of the European energy Programme for Recovery

{COM(2013) 791 final}
{SWD(2013) 457 final}

EEPR – STATE OF PLAY JUNE 2013

Project	Grants Awarded (a)	Cumulative Payments (b)	Payment ratio (b/a)	Date of finalisation of the EEPR Action	PCI [i]	State of play
	Million €		%			
Gas and electricity infrastructure	**2,267,574,463**	**585,024,632**	**26%**			
Gas interconnectors						
Slovenia-Austria Gas transmission system (border to Ljubljana, excluding the section Rogatec-Kidričevo) ***COMPLETED***	*40,000,000*	*28,000,000*	*92%*	*30/12/2012*		The EEPR supports the construction of the "Ceršak – Kidricevo" section and the procurement of the equipment for the "Rogaška Slatina – Trojane" and "Trojane – Vodice" sections. Construction works for "Ceršak – Kidricevo" section have been completed. Equipment for the "Rogaška Slatina – Trojane" and "Trojane – Vodice" sections has been supplied. *Final payment has been executed. The EEPR grant has not been fully used as €3. 1 mill. were not finally paid due to more favourable procurement conditions than initially planned.* The EEPR funds help to improve the safety and reliability of the system operation, enhance cross-border gas transmission between Austria and

						Slovenia and contribute to the development of European gas market.
Romania (Pecica) - Hungary (Algyő)interconnector ***COMPLETED***	*16,093,470*	*12,173,531*	*76%*	*31/12/2010*		*EEPR supported the construction of a 47 km long between Algyő (in Hungary) and the Hungarian-Romanian border, combined to a 26 km pipeline section between the Hungarian–Romanian border and Pecica (in Romania).* *The project has been completed according to schedule in October 2010. Final payment has been executed. The EEPR grant has not been fully used as €3. 9 mill. were not finally paid due to ineligibility of costs.* *The construction of this interconnection is of key importance for both Romania and Hungary, as this is the first interconnection between the high pressure pipeline networks of the two countries.*
Hungary-Croatia interconnection ***(Városföld–Slobodnica)*** ***COMPLETED***	*20,000,000*	*20,000,000*	*100%*	*28/02/2011*		*The EEPR subsidy aimed at financing the purchase of pipeline material and compressor units necessary to build the first gas interconnector between Hungary and Croatia (Városföld–Slobodnica)* *The project is already completed and final payment was done in 2011.* *The interconnector has regional benefits in improving security of supply and diversification. The financial contribution of the EERP fund was necessary for the realization of the project.*
Western Axis Larrau interconnection branch ***(Yela-Vilar de Arnedo)***	*45,000,000*	*13,500,000*	*70%*	*31/12/2012*		*The project aims at reinforcing the Spanish network and create a reversible flow interconnection at Larrau. The EEPR supports, for the 251km pipeline, the purchase of pipe and other materials and for the compression station, the purchase of materials and equipment and the construction of the mechanical works* *The project is completed. The Vilar de Arnedo compression station entered into operation in February 2011 and the pipeline (Yela-Vilar de Arnedo) is*

COMPLETED						*operational since September 2012. Final payment will be made in 2013.* *The project will increase security of supply in the region, market competition and help integrate the Iberian gas market to the European one. The EEPR funds have secured the development of the project.*
Germany-Belgium-United Kingdom pipeline ***(Landen and Raeren)*** ***COMPLETED***	*35,000,000*	*34,941,730*	*99%*	*01/06/2011*		*The project covers the construction of a second gas pipeline with a reverse flow capacity between the Dutch/German borders to Zeebrugge. The EEPR supported the purchase of pipes and the construction works for specific sections between Landen and Raeren.* *The action financed is completed pipes procured and laid down) and operational since November 2011. Final payment was made in 2011.* *The upgrade of the Belgian network is contributing to the development of the European gas market by providing reverse flow gas capacities on the France-United-Kingdom-Belgium-Germany axis.*
Baltic pipe–Denmark ***(Ellund-Egtved)*** ***ON GOING***	*100,000,000*	*30,000,000*	*55%*	*02/10/2014*	**X**	The EEPR supports the procurement of material including pipes, valves and any other equipment necessary for the construction of the project in Denmark. The project includes the compression station in South Jutland and the construction of 94km pipeline between Ellund tp Egtved. Apart from the construction of the connection to the future PL-DK pipeline which is delayed, the project implementation is progressing according to the schedule, no major delays are expected, and the new infrastructure will be operational from July 2014. The new pipeline will significantly increase the security of natural gas supply in Demark offsetting the impact of depleting offshore fields.
Baltic pipe – Poland	*50,000,000*	*17,845,000*	*36%*	*30/09/2013*	**X**	The EEPR supports construction works and the procurement of equipment needed for the construction of the compressor station in Goleniów and the

(*Świnoujście – Szczecin)** ***ON GOING						natural gas pipeline between Świnoujście and Szczecin in Poland. Construction work on the compressor station has been completed, with final testing and commissioning also close to completion, while construction work on the pipeline have yet to start. The new infrastructure is expected to enter into operation in September 2013. The pipeline will have a positive impact by strengthening the Polish gas transmission system and allowing for additional gas flows from the future Polish LNG terminal.
Bulgaria-Greece Interconnection (Stara Zagora – Dimitrovgrad-Komotini) ***ON GOING***	*45,000,000*	*0*	*0%*	*31/12/2014*	**X**	The project is developing a new interconnection between Greece and Bulgaria. The EEPR supports the technical studies, the purchase of the pipes, included other long lead items and the construction works. The project has a delay of 18 months due to time needed to create the Special Purpose Vehicle in January 2011 following changes in the Bulgarian Law. Since then the project is progressing well and it is expected that the early investment decision is finally adopted during the first semester of 2013. The project should be finalised by the end of 2014 and the project promoter requested an extension of the implementation period until December 2014. The project will contribute to increase the security of supply in the region and the EEPR funds have helped keeping the commitment to implement the project.
Expansion of Gas Storage Capacity in the Czech hub **(Tvrdonice and Třanovice)**	*35,000,000*	*18,647,999*	*53%*	*31/12/2012*		The EEPR supports construction works and the purchase of material and equipment required to increase storage capacity at the two gas storage facilities in Tvrdonice and Třanovice. The expansion of the storage facility in Třanovice is completed. The storage of Tvrdonice has been partially implemented (40%) due to decrease of market interest and lack of commercial viability. Final payment will be done in

COMPLETED						September 2013. When completed, the storage capacity in the Czech Republic will be increased by 10% and thus enhancing cross-border gas trading.
Bulgaria-Romania interconnection **(Giurgi-Ruse)** ***ON GOING***	*8,929,000*	*2,678,700*	*30%*	*31/12/2013*		The project aims at constructing a new interconnection between Bulgaria and Romania (Giurgi-Ruse). The EEPR supports technical studies, procurement of material and the construction works. The project is progressing with a 18 month delay due mainly to complex procurement procedures on the cross-border section and permitting process on the Bulgarian side is still on-going at the cross-border point following archaeological findings.. Construction is well advanced on the Romanian and has started in early 2013 in Bulgaria. The projects will be finalised by end2013. The project promoter requested an extension of the implementation period until December 2013. The Project will contribute to the security of supply of the region, will support the development of the internal market and ensure interoperability of the gas networks. The EEPR funds have helped to minimise the delays by encouraging the beneficiaries to take their investment decision in 2010
Reinforcement of FR gas network on the Africa-Spain-France axis ***(*Saint-martin de Crau-Saint Avit and Lacal-Lussagnet)** ***ON GOING***	*175,765,000*	*16,080,000*	*36%*	*30/06/2015*	**X**	The project will develop the gas network in France in order to reinforce the Africa-Spain-France axis. On the Eastern side, the EEPR supports the purchase of 215km pipes (Saint-martin de Crau-Saint Avit). On the Western side, the EEPR support the construction works of the compression station in Chazelles, 60km of pipelines (Lacal-Lussagnet) and the upgrade of the Lacal sub-station. The project is on-going without difficulties. The project will increase security of supply in the region, will increase market competition and help integrate the Iberian gas market to the European one. The EEPR funds have secured the development of the project notably on the eastern side by encouraging the beneficiaries to take their investment decision in 2011.

France-Belgium interconnection ***(Berneau, Winksele) and (Pitgam-Nedon & Cuvilly-Dierrey-Voisines sections)*** ***ON GOING***	*174,864,500*	*43,563,892*	*27%*	*31/12/2013*	**X**	The project aims to increase gas capacities between France and Belgium. The EEPR supports procurement of pipes in France (Pitgam-Nedon section & Cuvilly-Dierrey-Voisines section) and the construction of two compression stations (Berneau and Winksele) in Belgium. The Belgian part of the project is progressing well as the two compression stations (Berneau and Winksele) are built and are in operation since Spring 2013. On the French side, on the section Pitgam-Nedon, the pipes have been delivered early 2012 and works is on-going. For the section Cuvilly-Dierrey-Voisines, the investment decision was finally taken on 30/12/2011 and the corresponding pipes procurement programmes have started at the end of 2012. The increase of the cross-border capacities between France and Belgium will enhance security of supply for Western Europe. The EEPR funds have helped to secure the investment programme.
Cyprus project ***(Vasilikos, Moni, Dhekelia)*** ***ON GOING***	*10,000,000*	*0*	*0%*	*16/12/2013*		The government of Cyprus decided to establish a natural gas receiving terminal. The EEPR supports the technical studies, the purchase of material and the construction works to connect the natural gas receiving terminal to the three existing power stations (Vasilikos, Moni, Dhekelia). The project is progressing as technical and environmental studies have been completed and the FEED studies have started mid-2012. The discovery of gas reserves in 2010 affected the development of the project as the Cypriot government has to examine all factors linked with the development of Cypriot economy. The expected date to complete the gas network is 2015. The project promoter will request an extension of the implementation period until end of 2015. The natural gas receiving terminal will contribute to the diversification of the Cypriot energy mix and will stop the energy isolation of the island. The EEPR

						funds have helped to secure the investment programme.
Polish LNG Terminal ***(port of Świnoujście)*** ***ON GOING***	*79,561,868*	*23,868,506*	*30%*	*31/12/2014*		EEPR funds support the engineering, construction, implementation of two LNG storage tanks (Polskie LNG S.A.) and the docking area (ZMPSiS) for the LNG infrastructure in Swinoujscie. Implementation is in progress, in line with the schedule. No major problem has been indicated. The project is expected to become operational by 2014. The LNG terminal will have a significant impact not only on diversification of supply sources, but will also increase market competition and will provide an important synergy with other infrastructure projects.
Slovakia-Hungary Interconnector ***(Vel'ký Krtiš – Vecsés)*** ***ON GOING***	*30,000,000*	*8,017,433*	*41%*	*01/01/2015*	**X**	The project aims to establish a new two-way high pressure gas connection between Slovakia and Hungary. The EEPR subsidy aims at financing the purchase of pipeline and other materials necessary to build the first gas interconnector between Slovakia and Hungary. The project is being implemented, public procurement activities are on-going (EPC contract signed) and construction has started in March 2013. The project has been delayed by 14 months following difficulties to take the final investment decision in 2012. The project is expected to be completed by early 2015. The existence of the EEPR grant helped keeping the commitment to implement the project; without it, the risk of a more considerable delay or a postponement of the investment would be very high.
Nabucco	*200,000,000*	*0*	*0%*	*31/07/2015*	**X**	The grant supports tendering procedures and the procurement of the pipes, bends and valves needed for the construction of this important project linking Europe to gas fields in the Caspian region and the middle-East.

DELAYED						All the project preparatory activities are mostly completed (procurement preparation, environmental authorisation, and engineering). The commercial negotiations with gas producers in Azerbaijan, which run until end of June 2013, did not favour Nabucco as the preferred pipeline for shipping the gas within the EU. Consequently, the target for taking an investment decision set for September 2013 has not been met. The shareholders in Nabucco are currently in the process of evaluating the commercial options for the project. The Commission monitors the situation closely and depending on the outcome of the on-going commercial analysis, the Commission may consider taking a Decision to terminate the EEPR Financial aid.
ITGI – Poseidon ***DELAYED***	*100,000,000*	*6,000,000*	*6%*	*EEPR Grant suspended until 30/04/2014*	**X**	The grant supports the finalisation of the technical studies (Front End Engineering and Design), the purchase of pipeline and related equipment for the construction of the offshore interconnector between the Italian and Greek gas transmission networks. The project has already secured most of the required permits and the design works are nearing completion. The project sponsors however, did not succeed in the commercial negotiations with gas producer (Shah Deniz in Azerbaijan) to secure the necessary shipping agreements and project sponsors continue to look for alternative gas sources from the Caspian Region and the Middle East. Since October 2012 the financial aid under EEPR has been suspended for 18 months. The suspension may be lifted when the promoter inform the Commission about its ability to take investment decision, i.e, when new source of gas to be shipped with the pipeline is secured. To date, however, there is still no certainty that the project will manage to secure such alternative sources of gas and the Commission may consider taking a Decision to terminate the EEPR Financial aid.
GALSI ***(Gazoduc Algéria-***	*120,000,000*	*0*	*0*	*30/06/2014*	**X**	Galsi is a new pipeline that will connect gas reserves in Algeria to Italy. The EEPR supports the purchase of pipes and the construction works. The project will improve the security of supply in Italy and the European Union, will allow

Italy) ***DELAYED***						the access to natural gas of isolated regions (Sardinia and Corse islands) and will contribute to the creation of an Italian gas hub for gas supply to Europe The project made progress in the area of environmental authorisations and in the preparatory activities of the procurement programme for the pipe. However, the project promoter postponed several times the FID decision as no commercial agreement was concluded on gas supply. The Commission is considering whether to take a Decision to terminate the EEPR Financial aid.
Gas reverse flow						
Austria 01 ***(Baumgarten- HAG pipeline)*** ***COMPLETED***	*1,854,000*	*0*	*59%*	*30/06/2011*		The project consisted to establish a reverse gas flow on the WAG pipeline system (running from the Slovakian/Austrian border to the Austrian/German border) through the Baumgarten compressor and metering station towards Slovakia and Hungary (HAG pipeline). The EEPR supported the engineering, material procurement, construction and commissioning of the installations. Since 1st January 2011 the project is technically finished and the equipment is put into operation as foreseen in the project time schedule. The final technical implementation report including the financial statement and the request for balance payment was done in 2011. The final payment has been made in 2012. The EEPR grant has not been fully used as €761,716 were not finally paid due to more favourable procurement conditions than initially planned. This project contributes to the security of supply of Central and Eastern European countries by allowing transport of gas from Germany to countries adjacent to Austria, in particular in case of a disruption of the supply of gas entering EU at the Ukraine / Slovak border.
Austria 02 ***(Baumgarten –TAG***	*425,000*	*127,500*	*100%*	*31/12/2011*		The project connected the TAG pipeline to a collector at the Baumgarten import facility with short distance pipe connection to establish a star like structure and to increase the flow capacity for gas coming from western sources from 7 to 21,4 bcm/y. The EEPR supported the engineering, material

pipeline) ***COMPLETED***						procurement, construction and commissioning of the installations. The final payment has been made in 2012. The project eliminates the bottleneck at Baumgarten for a physical flow of gas from western sources into south-eastern part of Austria, into Croatia, Slovenia and Italy and vice versa. The project allows optimisation of the capacity of the internal network in Austria and of its interconnected neighbouring countries on multidirectional routes.
Austria 03 ***(Überackern)*** ***COMPLETED***	*1,150,000*	*345,000*	*100%*	*30/06/2011*		The project consisted of upgrading of the "Überackern" Export Facility by establishing reverse flow capacities between Austria and Germany as well as connecting West-Austrian gas storages to the main Austrian gas pipelines. The EEPR supported the engineering, material procurement, construction and commissioning of the installations. The final payment has been made in 2012.
Austria 04 ***(TAG pipeline)*** ***COMPLETED***	*3,317,000*	*995,100*	*97%*	*31/12/2011*		The project aimed at technical modification along the Trans-Austrian (TAG) pipeline, leading from the Austrian-Italian border to the Baumgarten gas hub ensuring the possibility of physical reverse flow in the TAG pipeline. The EEPR supported the engineering, material procurement, construction and commissioning of the installations. The final payment has been made in 2012. The EEPR grant has not been fully used as €95,584 were not finally paid due to more favourable procurement conditions than initially planned. The project gives Austria, Slovenia, Croatia, Slovakia as well as Germany access to southern gas sources which increases the interoperability and optimises the capacity of the South and East European network.

Slovakia-01 ***(Gajary-Baden)*** ***COMPLETED***	*2,936,121*	*2,151,696*	*73%*	*30/06/2011*		The project aimed to enable re-routing of up to 10 Million Standard Cubic Meters per Day from Underground Gas Storage Lab complex into the Transit System in the event of short term supply disruption. EEPR funding supported the delivery and construction of two pipelines with a total length of 2334m, between two underground gas storage gathering stations and the transmission network. Final payment was done in 2012 and it appeared that the project was less costly than expected as the technical solution finally used was most less expensive than initially planned and the procurement was more favourable, then €0.8 mill of the EEPR funds remain unspent. The project will connect existing UGS Lab complex to the Transit System and consequently increase the security of gas supply and strengthening the flows not only within Slovakia, but as well towards the other European countries.
Slovakia 02 ***(Plavecký Peter and Ivanka pri Nitre)*** ***COMPLETED***	*664,500*	*502,092*	*76%*	*30/11/2011*		The project covers the installation of specific technical equipment in three existing gas transmission facilities in Slovakia. The EEPR supports the engineering, purchase and installation of specific technical equipment in two existing gas transmission facilities in Slovakia (respectively at node Plavecký Peter and at the compressor station Ivanka pri Nitre). Final payment was done in 2012 and it appeared that the project was less costly than expected as the procurement was more favourable, then €0.162 mill. of the EEPR funds remains unspent. The measures enable bidirectional transmission flow between Slovakia and the Czech Republic and between Slovakia and Austria.
Czech Republic 01 ***(Hora Svaté Kateřiny, Hospozín,***	*3,675,000*	*2,292,586*	*62%*	*30/06/2011*		The project increased the transmission capacity through the Czech Republic by 15 mcm /d in the northwest-east direction. It involves the adaptation of the pipelines, the compressor and transfer stations in six locations along the Czech gas transmission system. The EEPR supported technical studies, material

Kralice nad Oslavou, Malešovice, Břeclav) ***COMPLETED***						supply and construction works. The project is completed and fully operational since May 2011. Final payment was done in 2011 and it appeared that the project was less costly than expected as the procurement was more favourable, then €1.3 mill. of the EEPR funds remains unspent. The project allows the diversification of gas supplies for the Slovak Republic, Austria, Hungary and Southern Germany (Bavaria).
Hungary ***(Városföld, Algyő, Pilisvörösvár, Adony and Vecsés)*** ***COMPLETED***	*8,078,500*	*2,400,000*	*83%*	*31/05/2012*		The Project consists of establishing reverse flow connections and flow control systems at five nodes of the Hungarian natural gas transmission system and EEPR supports the construction work. The project has been delayed by 5 months, due to regulatory issues and has been completed in Spring 2012. Final payment done in 2013. The EEPR grant has not been fully used as €1,399,102 were not finally paid due to more favourable procurement and exchange rate conditions than initially planned. The objective of the project is to enable the safe West-to-East natural gas flow within Hungary, further to Romania and eventually to the SEE region in case of supply disruptions.
Czech Republic-Poland ***(Třanovice–Cieszyn–Skoczów)*** ***COMPLETED***	*14,000,000*	*9,536,254*	*86%*	*30/04/2012*		The project concerns the construction of a bidirectional cross-border interconnector between the Czech and Polish gas transmission systems, the first between these two countries. The EEPR supports the procurement of material and equipment and the construction of the pipeline. This interconnector was put into technical operation in September 2011 and is completed since Spring 2012. Final payment has been done in 2012. The EEPR grant has not been fully used as €1,9 mill. were not finally paid due to more favourable procurement conditions than initially planned.

						This project contributes to the security of supply as it diversifies supply routes and increases reverse-flow capacities in the region.
Czech Republic 02 ***(Tvrdonice)*** ***ON GOING***	*2,300,000*	*690,000*	*30%*	31/12/2012		The project covers the construction of a new gas pipeline connecting Tvrdonice underground gas storage (UGS) to the Czech gas transit system. The EEPR supports activities related to land and building permit, supply of material and construction works. Delay of 18 months due to the acquisition of building permits is caused by problems with securing of necessary easements and land plots. Project should be completed by end of September 2013. The project promoter requested an extension of the implementation period until June 2014. The project aims to increase the transmission capacity and allow reversible gas flow from/to Tvrdonice Underground Gas Storage. It will enhance the security of supply for the Czech Republic and also for neighbouring countries in case of supply disruption.
Portugal **(*Portalegre-Guarda and Cantanhede-Mangualde)*** ***ON GOING***	*10,700,750*	*3,210,225*	*30%*	31/12/2013		The project involves the construction of a reverse flow gas pipeline between Portalegre-Guarda and Cantanhede-Mangualde. The EEPR supports the construction of a 48 km section of this 75 km pipeline. The project is progressing but is delayed by 1 year due to the lengthy administrative authorisation procedures and economic situation in Portugal. Those issues are now overcome and construction has started in autumn 2012 to be finalised by end 2013. Project promoter will request for a second extension of the implementation period until end 2013. The project will reinforce security of supply in the Iberian peninsula as it will be further developed to create a third interconnection with the Spanish gas network. The EEPR funds helped to secure the investment programme.

Romania ***(Isaccea, Negru Vodă and Siliştea)*** ***DELAYED***	*1,560,000*	*306,500*	*20%*	31/12/2012		The project aims to ensure gas supply to Bulgaria from Romania's domestic production and reserves, if a natural gas supply disruptions from the Russian Federation in the two countries happens, on a limited time period, as well as to allow reverse flow between Romania and Bulgaria, by performing works on TSO's existing facilities on the Romanian territory. As the project has not been implemented due to technical and commercial difficulties, the Commission is considering whether to take Decision to terminate the EEPR Financial aid. The project aims at allowing the possibility of using reverse flow on the transit pipeline crossing the Romanian territory towards Bulgaria and increasing their security of gas supply. The Commission is considering whether to take a Decision to terminate the EEPR Financial aid.
Latvia- Lithuania ***(Inculkalns, Daugava, Panevezys)*** ***ON GOING***	*12,940,000*	*6,039,022*	*69%*	31/12/2013		The project aims at improving the infrastructure and equipment for bi-directional gas flow between Lithuania and Latvia. EEPR funding supports the reconstruction of wells in Incukalns gas storage complex, the reconstruction of the underwater pass over the Daugava river in Latvia and the modernisation of Panevezys gas compressor station and gas pipelines in Lithuania. Implementation is in line with schedule. 15 wells have been reconstructed and two more wells are to be reconstructed by the end of 2012, to achieve the planned output volume. The project is expected to enter into operation in December 2013. This project will provide for bi-directional gas flow between Lithuania and Latvia, eliminating bottlenecks and will safeguard required capacities in both directions.
Poland	*14,405,248*	*6,243,501*	*43%*	30/11/2013		The project includes the development and the modernisation of the Polish gas transmission system at the cross-border connection point between Poland and Germany. The EEPR funding supports the modernisation and construction works at the Lasow node and connecting pipelines in Poland.

ON GOING						Most of the works are completed according to schedule, with the final permitting procedures in progress. The engineering works on the compressor station Jeleniow II are delayed until the end of 2013 as result of successful market screening during 2012. Project promoter requested a second extension of the implementation period until November 2013. This project will enhance the security of supply by increasing the capacity between Poland and Germany. It will also have a positive impact on the overall development of gas market in Poland.
ELECTRICITY						
Wien-Győr ***COMPLETED***	*12,989,800*	*7,744,332*	*87%*	*31/12/2011*		The 380 kV overhead line transmission link Wien – Györ provides considerable transfer capacity in the north-south direction for the regional electricity market. The EEPR supported the installation of the overhead lines and works in the transformer station and sub-stations. The final payment has been made in 2012. The EEPR grant has not been fully used as €1,659,517 were not finally paid due to more favourable procurement conditions than initially planned. The project improves the interoperability of the Austrian and Hungarian electricity networks and thus enhances the market integration. This increases the security of supply.
Portugal-Spain interconnection reinforcement 01 ***(Portimão (PT) - Tavira (PT) - P. Gusman (ES) -***	*17,490,919*	*17,490,919*	*100%*	*30/04/2011*		The project aimed to upgrade and extend the Portuguese electricity network to increase capacities with Spain between the Algarve and Andalucía regions. The EEPR supported the procurement of the material and the construction works. Final payment made in 2011. This project greatly contributes to the development of the Iberian electricity

Guillena (ES)) ***COMPLETED***						market and connects the Algarve region to renewable energy sources. It also reinforces conditions and reliability for the Algarve region supply, by establishing a completely closed 400 kV ring crossing this area.
Portugal-Spain interconnection reinforcement 02 ***(Douro Internacional area (PT)- Aldeadavila (ES))*** ***COMPLETED***	*28,873,787*	*28,873,787*	*100%*	*31/03/2011*		The project aimed to upgrade and extend the Portuguese electricity network to increase capacities with Spain in the Douro region. The EEPR supported the procurement of the material and the construction works. Final payment made in 2011. This project greatly contributes to the development of the Iberian electricity market and connects the Douro region to renewable energy sources.
Ireland/Wales interconnector ***(Meath-Deeside)*** ***COMPLETED***	*110,000,000*	*51, 420,056*	*100%*	*30/09/2012*		The project consists of a new 500MW cable connection between Republic of Ireland and Wales (UK). The EEPR supports the procurement of cable and the construction works. The project is completed. Final payment done in 2013. The project will improve the security of supply and the expansion of renewables in Ireland. The EEPR have been instrumental for obtaining loans from International Financial Institutions (IFIs) and also political support to the project.
Estlink-2 ***(Püssi-Antilla)*** ***ON GOING***	*100,000,000*	*30,000,000*	*30%*	31/08/2014		The Estlink2 project covers the construction of an interconnection between Finland and Estonia. The EEPR supports the manufacture, delivery and construction of the overhead line, the undersea and underground cables and the converter stations in Finland and Estonia. The permitting procedure is finished without particular obstacles and

						construction has started. The project is important for the integration of the Baltic States into the internal electricity market; and will increase transmission capacity between Finland and Estonia up to 1000MW.
Nordbalt 01 ***(Klaipeda-Nybro)*** ***ON GOING***	*131,000,000*	*24,300,000*	*19%*	31/06/2016		Nordbalt 01 is a subsea interconnection between Lithuania to Sweden. The EEPR supports the construction, the installation, and the commissioning of the sub-sea cable and the converter station in Sweden and Lithuania. Works have started and the project is progressing according to plan. The project aims at removing the Baltic states isolation from the internal energy market. The construction of Nordbalt 01 is prerequisite for the integration of the Baltic states electricity market into the NordPool spot market.
Nordbalt 02 ***(Milgravis-Bolderaja, Riga-Imanta, Grobina-Ventspils)*** ***ON GOING***	*44,000,000*	*13,200,000*	*30%*	31/12/2013		Nordbalt 02 refers to the necessary upgrade in the internal Lithuanian transmission grid to facilitate the flow of electricity through the interconnector. The EEPR supports the construction works. Works have started and is progressing well. The project aims at removing the Baltic states isolation from the internal energy market. The construction of Nordbalt 02 is prerequisite for the integration of the Baltic states electricity market into the NordPool spot market.
France-Spain Interconnection (Baixas - Sta Llogaia)	*225,000,000*	*67,500,000*	*30%*	31/12/2013	**X**	The project aims to construct a new 320 kV underground interconnection between France and Spain the Eastern Pyrenees and double the existing capacities by 1400MW. The EEPR supports the technical studies, the procurement of material and the construction works.

ON GOING						The project is progressing well as construction is on-going and should be operational by end of 2014. Project promoter will request an extension of the implementation period until the end of 2014. The project will connect the renewable energy sources to the network and will contribute to the integration of the French and Spanish markets, as well as reinforce the security of electricity supply on a regional, national and European level.
Sicily – Continental Italy ***New submarine cable (Sorgente – Rizziconi)*** ***ON GOING***	*110,000,000*	*0*	*0%*	31/12/2014		The project covers the construction of a new 380 kV interconnection between Italian mainland and Sicily with an additional capacity of 2000MW. The EEPR supports detailed design, procurement of material and works. The project is progressing as planned and the completion is foreseen in December 2014. The project will enhance the security of supply and the expansion of renewables in Sicily, while improving the reliability of the grid both in Sicily and in continental Italy (Calabria).
Malta-Italy interconnection ***(Pembroke-Marina di Ragusa)*** ***ON GOING***	*20,000,000*	*11,341,727*	*57%*	**30/08/2013**		The project consists of a new 225MW sub-sea cable connection between Italy and Malta. The EEPR supports the technical studies and the procurement of the submarine cable. The project is progressing with a delay of ten months due to tendering procedures. Project promoter requested a second extension of the implementation period until 30th March 2014. The project will put an end to the isolation of the Maltese grid from the rest of Europe. It will then improve the security of supply, the reduction in use of fossil fuels and the expansion of renewables in Malta.

Malta **Electricity project** **(Kappara)** ***Completed Pending FTIR***	5,000,000	2,456,565	50%	**30/06/2013**		The project concerns the upgrading of the transmission network in Malta to connect to Italy. EPPR supports the procurement of equipment and the construction of the Kappara distribution center. The project is completed since June 2013 with a one year delay due to longer tendering procedures and some technical difficulties. The project promoter requested an extension of the implementation period until June 2013. The project will enhance security of supply and the reliability of the electricity grid in Malta. It will allow the connection of renewable energy sources to the grid, enabling export capacities to Italy.
Halle/Saale – Schweinfurt ***ON GOING***	*100,000,000*	*30,000,000*	*30%*	31/07/2013	**X**	The project will couple the North-Eastern part to the South-Eastern part of Germany. The project will facilitate the transport of renewable energy produced in North Germany and in the North Sea region to the rest of the German grid. The EEPR supports the construction works of the HV line and the sub-stations. Project is delayed as permitting has not been granted following the citizen's opposition linked with environmental procedures and project promoter requested an extension until end 2017.The project will facilitate the transfer of electricity produced from renewable energy sources in the Northern sea to the consumption centers in Germany.
OFFSHORE WIND	**565.000.000**	**203.256.281**	**36.0%**			
OFFSHORE WIND-GRID INTEGRATION						
KRIEGERS FLAK	*150.000.000*	*45.000.000*	*30%*	*15 January 2019*		*Description :* Designing, installing and operating a Combined Grid Solution (CGS) for the grid connection of the offshore wind farms (several hundred MW)

ONGOING						at Kriegers Flak in the Baltic Sea, based on the new multi-terminal HVDC voltage source converter (VSC) technology. *State of play :* Final Investment Decision has been taken. The technical solution for the Kriegers Flak area, involving HVDC technological components, has been defined and a market and business model for the combination of renewable electricity allocation and cross-border electricity trade has been developed. The project grant agreement will be amended in order to update time schedule, budget breakdown and technical solution retained.
COBRA CABLE ***DELAYED***	*86.540.000*	*2.580.718*	*3,0%*	*31 March 2019*		*Description:* Realization of a sub-sea power link (VSC-HVDC) between Denmark and The Netherlands with the purpose of allowing the integration of more renewable energy into the Dutch and Danish power systems and to increase the security of supply. *State of play:* The project is delayed over 2 years. The beneficiaries attribute the reasons to : 1. The business case, 2. The licensing/routing for the cable in a disputed area between Germany and the Netherlands; 3. The regulatory framework in the Netherlands; The partners (Danish and Dutch TSOs) have made significant efforts since May

						2013_and obtained the agreement of their respective energy regulators for a process that should lead to regulatory approval for the investment in April 2014. They then consider that they will have the necessary permits to lay the cable in mid 2016. The Commission is in the process of discussing with the partners the necessary milestones required to potentially allow a FID to be taken in the second quarter of 2016. . New foreseen end date: 03/20197
Offshore HVDC hub ***DELAYED AND WILL BE TERMINATED***	*74.100.000*	*178.000*	*0.2%*	*31 December 2018*		*Description :* Addition of an intermediate offshore platform on a planned HVDC link for connecting offshore wind and marine generation (North of Scotland, UK) *State of play :* The coordinator wished to change the project significantly from that originally proposed. The project is also far from being realised. As a result, the coordinator and the Commission agreed to terminate the project in August 2013. This termination is now being implemented. . .
OFFSHORE TURBINES AND STRUCTURES						
Thornton Bank wind farm	*10.000.000*	*10.000.000*	*100,0%*			Description : Optimised logistics for up scaling the far-shore deep-water Thornton Bank

Successfully completed						wind farm and demonstration of innovative substructures (jacket foundations) for deep water off shore parks. The installation of jacket structures with an innovative installation frame will allow speeding up the installation pace of the 5-6 MW multi offshore wind farm, with a target to install 24 wind turbine generators per year. State of play : EEPR Action has been successfully completed in September 2011.
BARD Offshore 1 ***ON GOING***	*53.100.000*	*42.480.000*	*80,0%*	*31 December 2013*		*Description :* Production of innovative tripile foundations and production and installation of innovative cable in-feed system for a 400 MW offshore wind–farm. *State of play :* Both the EEPR Action and the overall wind farm project have advanced well. Offshore installation works have progressed well and the full wind farm has been installed by end of August 2013. Full commissioning of all turbines is foreseen before end of 2013.
Global Tech I ***DELAYED***	*58.550.000*	*36.254.062*	*61,9%*	*31 December 2016*		*Description:* The EEPR supports the design and serial manufacturing of gravity foundations for multi MW turbines, including an innovative and fast installation process. The gravity foundations are installed in deep water on an offshore site in the German Exclusive Economic Zone. *State of play:* This EEPR action has been considerably delayed because of difficulties to obtain the permit for installing the gravity offshore foundations. The permits have been obtained for a first phase in which 10 foundations will be

						installed.and a FID is expected by the end of 2013. Permits for the installation of a further 40 gravity foundations are pending. An amendment process is on-going to enable the changes in the project(installation of foundations on another site than originally planned).
Nordsee Ost offshore wind farm ***ON GOING***	*50.000.000*	*40.000.000*	*80,0%*	*31 December 2014*		*Description :* Supply of innovative wind turbine generators (6.15 MW) for a 295 MW offshore wind farm. *State of play* : Good overall progress. Offshore installation of turbine foundations has started. Delay of grid connection and consequently of installation and production of wind turbines. The wind farm is planned to be commissioned by end of 2014.
Borkum West II ***ON GOING***	*42.710.000*	*24.806.002*	*58,1%*	*31 December 2013*		*Description* : Supply of innovative wind energy converters and tripod foundation structures, including implementation of an innovative installation method, for the first phase of a 400 MW wind farm (2x200 MW). *State of play* : Good overall progress: by the end of 2012 all tripod locations had been pre-piled and 20 tripod foundations have been installed. The remaining 20 tripods have been installed in the first half of 2013. All components for the wind energy converters have been produced. Due to the delay of the grid connection it was decided to shift the installation of the

						turbines into 2013 (on going since late Spring 2013 and continuing to early Autumn 2013). The wind farm will therefore come into commission by end of 2013.
Aberdeen Offshore Wind Farm - Wind Deployment Centre ***DELAYED***	*40.000.000*	*1.957.499*	*4,9%*	*31 December 2016*		*Description* : The overall project objective is to connect a commercial offshore wind farm with a Deployment Centre, consisting of an ocean laboratory, environment monitoring and testing centre. The facility will allow for testing of mutli MW turbines with innovative structures and substructures and optimisation of manufacturing capacities of offshore wind energy production equipment. *State of play :* Engineering studies have been undertaken including reviews of the electrical design, foundations design and wind resource. The process to shortlist the wind turbine suppliers is completed. An addendum to the Offshore planning application was prepared in order to permit the latest generation turbines into the scheme. Offshore consent was awarded in March 2013, a legal challenge against this decision has been lodged and a final decision is expected in early 2014. Final investment decision is expected immediately after the Court' decision. Project completion by end of 2016 or 2017.

Carbon Capture Storage	***1,000,000***	***399,562,646***	***39,9%***			

Project	Grants awarded (€) (a)	Payments (€) (b)	Payment ration (b/a)	Date of finalisation		State of play
PorteTolle (IT) ***TERMINATED*** *(letter from the beneficiary requesting to terminate the grant agreement was received in June 2013)*	*100,000,000*	*47,901,935*[1]	*48%*	*Terminated as of 11 August 2013*		The EEPR Grant covered investment in all stages of the CCS integrated project from source to an offshore storage site. Detailed front-end engineering design (FEED) studies evaluation for Porto Tolle Capture Unit has been completed. Modelling activities, providing a characterisation of the selected storage site, have been concluded. The feasibility study and cost evaluation for an appraisal well to verify reservoir information of the structure located in Adriatic Sea has been performed. Feasibility study and cost evaluation of the surface system was finalised. A pre-injection monitoring survey has been carried out. However, the promoter decided to file for termination in June 2013 due to insurmountable delays in project execution caused by the decision of the Italian State Council to annul the environmental permit for the Porto Tolle power plant. Additionally, the promoter saw no prospects for achieving the closure of financial structure of the project.
Rotterdam (NL) ***DELAYED***	*180,000,000*	*62,287,986*	*35%*	*31/12/2014*		The EEPR Grant covers investment in all stages of the integrated CCS project from source to an offshore storage site. In 2012 the project concluded all preliminary technical, costing and permitting work. It is hence ready for the adoption of the final investment decision (FID). Despite being ready for FID since mid-2012, the worsening of the business case for CCS, i.e. CO_2 price projections, opened a funding gap of €130 mill. which has postponed the decision. The FID is subject to closing a financing gap. Discussions with additional investors are on-going. The FID is expected in Q3-Q4 2013. The

[1] As a result of the termination of the project the Commission will calculate the final balance (funds received vs eligible costs) once the final report is approved.

						integrated CCS demonstration project is scheduled to be operational in 2016/17.
Belchatow (PL) ***TERMINATED*** *(letter from the beneficiary requesting to terminate the grant agreement was received in March 2013)*	*180,000,000*	*61.077.3050*[2]	*34%*	*Terminated as of 6 May 2013*		The EEPR Grant covered investment in all stages of the CCS integrated project from source to an onshore storage site. Very limited progress was achieved in 2012 due to critical financing, legal, technical risks and public acceptance issues as regards CO2 storage. Against this background, the promoter decided to file for termination in March 2013and the project was terminated in May 2013 .
Compostilla (ES) ***DELAYED***	*180,000,000*	*117,288,368*[3]	*65%*[4]	*31/10/2013*		The EEPR Grant covers investment in all stages of the integrated CCS project from source to an onshore storage site. In 2012 significant progress was achieved. The Capture and Transport Development Plants were completed. The FEED studies for the demonstration plant have also been finalised. The initial assessment of two storage sites has been concluded and activities for upgrading and updating 3D geological models for both sites are on-going. The EEPR Action will be successfully completed in October 2013. The Final Investment Decision for the 2nd phase of the project which is not part of the

[2] This figure shows the situation as of 07.03.2013. As a result of the termination of the project the Commission will calculate the final balance (funds received vs eligible costs) once the final report is approved.

[3] In 2012 the beneficiary claimed 60,164,761 EUR as eligible costs, which would bring total consumption of the EEPR grant to 162.465.916 EUR (90%). However, as the accumulated total amount of the "Pre-financing" plus previous "Interim Payments" received by the project reached 65% of the maximum financial contribution defined in article I.4.3 and according to paragraph 4 of Article I.5.2 of the "Grant Agreement", the Project will not receive additional funds up to the so-called "Payment of the Balance" at the end of the EEPR action leaving pending 35 % of the grant.

[4] See footnote 3.

						EEPR action is planned for October 2013.
Don Valley (UK) ***DELAYED***	*180,000,000*	*95,856,872*	*53%*	*31/12/2013*[5]		The EEPR funds cover investment at all stages of the CCS chain (capture, transport and offshore storage) and related front-end engineering design (FEED) studies, permits and environmental impact studies. The decision of the UK (announced in October 2012) not to support the project via the national CCS Commercialisation programme and NER300 is a serious setback. After having consulted its key private partners and investors (including Samsung, BOC), the promoters (2Co, National Grid Carbon) are however committed to go ahead, but potentially with a smaller project and with focus on the "Contracts for Difference" (CfD) scheme planned by the UK government. The Commission is currently negotiating with the beneficiaries a restructuring plan. If the plan is approved by the Commission and if the project is successful in securing a CfD, FID could take place in 2015.
Jänschwalde (DE) ***TERMINATED***	*180,000,000*	*15,150,180*	*8%*	*Terminated 5 February 2012*		The EEPR Grant covered investment in all stages of the integrated CCS project from source to an onshore storage site. All detailed engineering studies were concluded for the capture unit by mid-2011. However, significant delays were incurred in the exploration phase of the storage sites largely due to regulatory uncertainties and public opposition. The failure to timely transpose the CCS Directive into German law lead the promoters to file for termination in December 2011 as it was deemed that the project could not obtain the necessary CO2 storage permits in time to realise the project within schedule.

PCI: Project of Common interest. PCI indicates that project promoters proposed their project to receive the PCI status. It does not mean that the PCI status has been granted.

[5] It will be delayed due to the necessary restructuring of the project.