

ENTSOG's 2011 Annual Work Programme

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Executive Summary

ENTSOG was created in December 2009 to start work prior to the implementation of the Third Energy Package.

On March 3rd 2011 ENTSOG will formally submit its Articles, Rules and list of members to Commission and Agency.

This 2011 Annual Work Plan (AWP) is based on the agreement found between EC, Regulators and ENTSOG on the Three Year Plan presented to Stakeholders in the XVIII Madrid Forum. This Three Year Plan will be developed in the future to deliver to Stakeholders a plan of activity for the following years to allow all the interested parties to find the necessary resources needed for the development of the plan and the finalization of the internal market.

Annual Work Programme is not only based on Network Code development but also other important activity as Ten Year Network Development Plan, and a first draft of the Regional Investment Plans.

ENTSOG is currently expanding resources to meet the challenges ahead and particularly those defined in the draft 2011 AWP.

Feedback from stakeholder to assist finalisation of the 2011 AWP is sought.

ENTSOG's primary objectives for 2011

ENTSOG will reach the foreseen number of resources during the year 2011 to ensure it can deliver on all its obligations defined in the Third Package.

ENTSOG will then focus on the following areas:

- **Trialling ENTSOG's processes and procedures**

ENTSOG Article of Association and Rules of Procedure will pass through the check of ACER which is supposed to finalize its work during the year. The enlargement of the number of Members in ENTSOG is also foreseen. Brussels based team will increase in number to deal with all the activity necessary.

- **Trialling of Third Package code development process**

During Year 2011 ENTSOG will receive from European Commission the letter to start the development of some Network Codes. The first Network Code is supposed to be the Capacity Allocation Mechanism Network Code. ENTSOG is ready to start the work and to engage all the interested parties in the discussion. This will also be the first Network Code on which the Project Plan will be tested. Later on as foreseen by the Three Year Plan, activity on Balancing and Tariff will start.

- **Specific ENTSOG projects**

Activity in Investment, Transparency and Interoperability will contribute to improve the documents delivered to the Stakeholders. The new Pilot Regional Investment Plans, the enhancement of Transparency Platform as well as the activity in the Interoperability area will produce new documents which will increase the co-operation with all the Stakeholders for better result towards the internal market.

Individual Project Plans

- **Finalizing the Establishing of ENTSOG**
 - **Network Code Development**
 - **Project Plan for Transparency Working Area**
 - **Project Plan for Investment Working Area**
 - **Project Plan for Interoperability Working Area**
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ENTSOG Project Plan

Finalising the establishment of ENTSOG

- **Objective**

To confirm ENTSOG's formal functioning as the organisation envisaged to promote TSO co-operation and progress towards the single European energy market.

- **Key Deliverables for 2011**

ENTSOG will submit its statutes to ACER on 3 March 2011. ENTSOG would envisage to confirm its official status as the European Network of Transmission System Operators for Gas after having received the opinion of the Commission.

ENTSOG will publish an annual report on its 2010 activities in April 2011.

ENTSOG will deliver an Annual Work Programme for 2012 during 2011.

- **Background**

This project ("Finalising the establishment of ENTSOG") is necessary to complete the transition of ENTSOG (as established informally by 31 TSOs in Brussels on 1 December 2009) to the formal organisation required in the Third Package.

The project will also include two important elements that are envisaged as formal obligations upon ENTSOG; namely the production of an Annual Report and an Annual Work Programme.

- **Achievements and issues arising to date**

ENTSOG was created on 1 Dec 2009. Its statutes, rules of procedure and list of founder members were submitted to both ERGEG (as a surrogate waiting for ACER to be established) and the Commission.

- **Assumptions**

Discussions about the statutes have taken place with ERGEG and Commission. Based on these exchanges ENTSOG will consider some minor refinements to the statutes (including with regard to membership definitions and the possibility of having an Associate Member status for EU TSOs not currently ENTSOG members but where derogations from European gas transmission directives and regulations apply).

- **ENTSOG statutes finalisation**

ENTSOG will consider possible amendments to the statutes and rules of procedure based on its experience and feedback from ERGEG, Commission and other stakeholders. The final statutes and

rules of procedures to be submitted to ACER will be approved by the ENTSOG General Assembly before 3 March 2011.

The Agency will consult stakeholders and issue its opinion to the Commission within 2 months.

The Commission shall deliver its opinion within 3 months.

Transmission system operators then have 3 months to adopt and publish statutes and rules of procedure.

- **Annual Report**

This will provide an annual update on ENTSOG work and achievements. It will also feature an opportunity to include an assessment of delivery against the 2010 AWP (as published at ENTSOG foundation on 1 December 2009).

- **Annual Work Programme**

An ENTSOG Annual Work Programme is required by the Third Package and it is also essential that the schedule is aligned with the Commission's 3 Year Priority Plan.

This plan features a possible timeline which will need to be confirmed once the Commission's timeline for the 3 Year Plan is understood.

- **Plan**

The following diagram shows the expected timeline and key activities for the project:

Activity	2011												2012											
	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
ENTSOG statutes finalisation																								
ENTSOG preparation and publication																								
ACER consultation, review and opinion																								
Commission opinion																								
ENTSOG finalisation and publication																								
ENTSOG annual report																								
ENSOG Annual Work Programme																								
ENTSOG preparation and publication																								
Consultation																								
ENTSOG refinement and publication																								
ACER Opinion																								
ENTSOG Finalisation and publication																								

(Yellow cells on the charts denote activity periods with red cells denoting key deliverables visible to external stakeholders.)

ENTSOG Project Plan

Project Plan for the Pilot Network Code Development on Capacity Allocation Mechanism

- **Objective**

One of the core tasks of ENTSOG is to develop Network Codes covering the twelve areas foreseen in REGULATION (EC) No 715/2009. In this regard, agreement was made between the European Commission, the NRAs and the TSOs to trial the respective Network Code development process via a Pilot. As the improvement of the access to gas transmission networks is considered as one of the priority areas, the TSOs committed to produce the first Pilot Network on Capacity Allocation (CAM).

- **Key Deliverables for 2011 during the NC Development process**

During the Pilot Network Code development process the Project Planning phase will be supported by the Draft Project Plan which will be consulted upon.

The second deliverable will be the Launch Documentation. To generate this document ENTSOG will improve the Draft Project Plan and combine that paper with initial views on the Pilot CAM Network Code, which will allow for discussions with the Stakeholders on potential solutions.

Discussions will be conducted in the form of Stakeholder Joint Working Sessions (SJWS) as foreseen in the statutes of the ENTSOG organisation. The SJWS are accompanied by bilateral meetings with stakeholders and for each session will be supported by an Invitation, Agenda, Supporting Material and meeting Minutes.

The subsequent definition of the final Network Code will be supported by a Draft Network Code version as the outcome from the Stakeholder Joint Working Session (SJWS); which will go through a Market Consultation process. The responses received during this Consultation will be documented and published in a Consultation Response Analysis Report.

The resulting final Pilot Network Code on CAM will be approved by ENTSOG, the Stakeholders will be asked for their support, and to conclude the process the Code is then recommended to ACER.

- **Background**

REGULATION (EC) No 715/2009 defined that the European TSOs are required to coordinate their work within a common organisation – the European Network of Transmission System Operators for Gas (ENTSOG) – with the task to develop Summer and Winter Outlooks, Ten Year Network Development Plans (TYNDPs) and Network Codes (NCs).

As officially, the work on Framework Guidelines and Network Codes can only be processed after ACER is formally in place – as of 3rd March 2011 – parties commonly agreed not to wait until this date and as such ENTSOG was founded in December 2009 to strive for early progress on the tasks

assigned to the TSO organisation.

With the official invitation of the European Commission to ERGEG on the 22nd of September 2009 to deliver a Pilot Framework Guideline on Capacity Allocation, the process on a respective Pilot Network Code was officially launched. On the basis of the final CAM Framework Guideline to be submitted to ENTSOG by the European Commission, the TSOs will draft, consult and recommend the first Pilot Network Code.

Although the main target is to develop appropriate rules enhancing the capacity access conditions throughout Europe, in parallel the Pilot Network Code should test the Network Code development process and identify areas for improvement in the definition and the practical approaches for the development of the subsequent Codes.

- **Achievements and issues arising to date**

As included in ENTSOG's 2010 Annual Work Plan (download at www.entsog.eu/publications) the Capacity Working Group had produced an Online Survey in which the market was asked for their views on what Standard Capacity Products should be applied across European IPs and through which Capacity Allocation Method the services should be made available to the market. The survey also asked for opinions on Capacity Reservations (Quotas) and other related information. A respective Analysis Report was developed and published on the ENTSOG website on the 27th of April 2010 and can be downloaded in the Capacity section at www.entsog.eu/publications.

To discuss the outcome of the Survey as well as to elaborate on the further steps towards harmonised improvement in the capacity area, various meetings were held with Users and User organisations. In addition meetings were held with ERGEG during the development of the Pilot CAM Framework Guideline as well as with the European Commission.

It was envisaged that the official Pilot Network Code development would have started during 2010. Therefore, ENTSOG has undertaken preparatory work on a Project Plan and on several areas which are of relevance for the Pilot Network Code on CAM

- **Assumptions**

Taking into account the letter sent by the European Commission on the 9th of September 2010 to ERGEG inviting the NRAs to revise the draft CAM Framework Guideline within three months, it is assumed the European Commission could therefore approve on the final version in December 2010. Subject to approval, this would suggest an official invitation to ENTSOG to commence the twelve months Network Code development process from January 2011. As ENTSOG is currently already preparing for the upcoming Network Code Development phase, it will depend on changes of the Framework Guideline provision if the TSOs continue with the work or have to re-start the preparations.

Furthermore, it is assumed that the CAM pilot development process will be carried out in one step until the end. During the Madrid Forum XVII ACER announced that the official coming into force of the ACER might lead to delay or change in the work due to a mandatory Consultation of the

Framework Guideline under the 3rd Energy Package. A revision of the Network Code Project Plan may be necessary according to the time this process will need. Additionally, if the work on the announced Target Model to achieve the Internal Gas Market would lead to a modification in scope or content of the pilot process the plan needs adjusting.

In addition the development process very much relies on the contributions made by market participants during the Stakeholder Joint Working Sessions and the subsequent Pilot Network Code Consultation. This is also reliant of course upon ERGEG / ACER and the European Commission's participation. ENTSOG therefore would require consistent support by all market parties to drive the process through during all phases of the work.

- **Activity 1: Pilot Network Code Preparation**

Prior to the development of the Pilot Network Code on CAM, ENTSOG is undertaking propriety work in the areas of:

- Pilot Network Code Project Plan drafting
- Definition of Firm and Interruptible Capacity
- Coordination of Adjacent TSOs on CAM linked topics
- An Auction Design Test Case
- Outline of the Pilot NC Content

To support the above work areas, TSOs are providing key resources to ENTSOG with relevant experience in the capacity area and tasked with the development of these key deliverables for the planned duration of the overall Project.

- **Activity 2: Pilot Network Code Development**

ENTSOG will deliver a draft CAM Pilot Network Code Project Plan covering the process, deliverables and milestones of the 12-month period.

After the project plan consultation, the final Project Plan will be accompanied by the Pilot Network Code Launch Documentation describing ENTSOG's initial considerations on the future Code. The main pre-requisite for the envisaged document will be the confirmed final content of the Framework Guideline and the timelines associated to the European Commission's official invitation to ENTSOG for developing the CAM Network Code.

Upon such request been received and on the basis of the Framework Guideline and the preparatory work detailed above, ENTSOG would then develop the Draft Pilot Network Code according to the high-level plan outlined hereunder.

- **Plan**

The following diagram shows the expected timeline and key activities for the project:

Network Code Development	2010					2011												2012												
	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	
Pilot NC Preparation																														
Pilot NC Project Plan drafting	Y	Y	Y	Y																										
Firm and Interruptible Capacity																														
Cross-border TSO Coordination																														
Allocation Test Case																														
Outline of Pilot NC Content	Y	Y	Y	Y																										
European Commission																														
Review of the Pilot FG	Y	Y	Y	Y																										
Invitation to draft the Pilot NC ¹																														
Pilot NC Development																														
Project Plan and consultation	Y	Y	Y	Y																										
Finalise Project Plan and Launch Documentation																														
SJWS preparation																														
SJWS and drafting of Pilot NC																														
Draft Pilot NC Consultation																														
Analyse consultation feedback																														
Refine Pilot Code Proposal																														
Stakeholder Opinion / Support																														
ENTSOG NC Recommendation																														
ERGEG and EC																														
ERGEG opinion on draft NC																														
Start of Comitology																														

(Yellow cells on the charts denote activity periods with red cells denoting key deliverables visible to stakeholders.)

¹ ENTSOG is assuming that the European Commission will submit the official invitation to develop the Pilot Network Code in December 2010 so that the planning considers January 2011 as the start date.

ENTSOG Project Plan

Project Plan for Balancing Network Code Development

- **Objective**

The main objective for the Balancing Working Area will be to deliver a Balancing Network Code.

- **Key Deliverables for 2011**

The following deliverables will be produced during 2011

1. A set of Launch Documentation, including
 - a. A project plan for the development of a network code proposal
 - b. Other material to accelerate progress towards drafting a network code
2. Proposal for Network Code on Balancing for formal consultation

- **Background**

The commission has appointed Balancing as one of the priorities and has invited ERGEG to develop a framework guideline. Once this framework guideline is approved by the Commission they will invite ENTSOG to develop a network code, the development of which will be guided by the principles set out in the approved framework guideline.

- **Achievements and issues arising to date**

In August 2009 ERGEG started a consultation on the development of the framework guideline. ENTSOG has given a response to this consultation. ENTSOG is preparing for the network code development by establishing different work streams to develop ideas on specific balancing topics. With stakeholder organisations and ERGEG, ENTSOG has engaged in informal discussion to further develop ideas and assess where the bottlenecks will be.

- **Assumptions**

ENTSOG can only formally start the network code development when an invitation is received from the Commission. The presented timeline starts from the assumption that ERGEG will submit the framework guideline to the Commission February 2011 and that the Commission will send ENTSOG an invitation for network code development early May 2011. This is an optimistic scenario.

Where possible lessons learned from the CAM framework guideline process will be used to update the plan for network code development on Balancing.

The timeline assumes that the proposed ACER review of the ERGEG framework guideline proposal

will not lead to any revised framework guideline requirements later than June 2011.

- **Activity 1 Define project plan for network code development**

Develop a plan for developing the network code. This activity will deliver a project plan and high quality inputs to ensure timely progress in the SJWS. An informal consultation of the project plan will be part of this activity.

- **Activity 2 Develop Code Proposal**

This activity will start from the launch documentation through to the approval of the draft network code for formal consultation with stakeholders. The activity will start with a period in which SJWS will be held to involve the stakeholder groups in development of the draft network code. The result of this will be the first consultation document. This activity will be concluded with a formal consultation.

- **Activity 3 Code decision making**

This activity will process the results of the formal consultation on the network code and continue with the internal governance of ENTSOG for approving and submitting a final network code proposal to ACER. This activity will only start in 2012.

- **Plan**

The following diagram shows the expected timeline and key activities for the project:

Activity	2011												2012											
	J	F	M	A	M	J	A	S	O	N	D	J	F	M	A	M	J	A	S	O	N	D		
Invitation to develop code from Commission																								
Define code project plan																								
Write draft project plan																								
Project plan consultation																								
Publish launch documentation																								
Develop Code Proposal																								
SJWS																								
Write consultation document																								
Publish consultation document																								
Consult market																								
Code decision making																								
Refine proposal																								
stakeholder support																								
Finalize proposal																								
Submit NC to ACER																								

(Yellow cells on the charts denote activity periods with red cells denoting key deliverables visible to external stakeholders.)

ENTSOG Project Plan

Project Plan for Tariff Network Code Development

- **Objective**

To support other code developments and to develop a tariff Network Code.

- **Background**

Tariffs have been recognised as a priority area for network code development by ERGEG and the Commission.

ERGEG preparatory work on the subject has started and ENTSOG will meet with ERGEG on a monthly basis to scope the work for a potential tariff framework guideline and network code during the last quarter of 2010.

The project will also need to liaise with other ENTSOG working areas (particularly capacity and balancing) to establish whether, and if so what tariff related work may be necessary to support the delivery of the first two network codes (capacity and balancing).

- **Assumptions**

Discussions between ERGEG and ENTSOG about the tariff scoping will continue through Q4 2010 and early 2011 and that these will inform the Commission's invitation letter to ACER requesting the development of a framework guideline on 3 March 2011 or shortly thereafter.

- **Tariff code development**

Early scoping work with ERGEG and Commission will inform Commission's invitation to ACER. ACER will deliver a framework guideline in September.

After Commission consideration ENTSOG anticipate to receive the invitation to write network code in December 2011 implying that ENTSOG will complete code development in December 2012 if the full twelve period is allowed.

- **Support to other code developments**

Tariff issues are expected to arise in other framework guideline and network code developments.

ENTSOG's tariff working area will develop proposals to support and contribute to delivery of these other activities where appropriate.

- **Plan**

The following diagram shows the expected timeline and key activities for the project:

Activity	2011												2012											
	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
Tariff network code delivery	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Scoping with ERGEG/Commision	Y	Y	Y																					
Commission’s framework guideline invitation			R																					
ACER consultation/framework guideline delivery			Y	Y	Y	Y	Y	Y	R															
Commission review and ENTSOG invitation										Y	Y	R												
ENTSOG network code plan consultation												R	Y											
SJWS and draft code development														Y	Y	Y	Y	Y	Y	Y				
Draft code consultation & refinement																					R	Y	Y	
Stakeholder support process																							R	Y
ENTSOG Code delivered																							Y	R
Tariff working area support to other codes	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

(Yellow cells on the charts denote activity periods with red cells denoting key deliverables visible to external stakeholders.)

ENTSOG Project Plan

Project Plan for Transparency Working Area

- **Objective**

To contribute to enhanced transparency regarding the activities of transmission system operators in Europe.

- **Key Deliverables for 2011**

To improve data quality provided on the Transparency Platform and to increase the number of TSOs actively participating in the project.

To further develop the Transparency Platform reflecting stakeholders' feedback.

To implement a common European approach to the implementation of transparency requirements under Regulation (EC) 715/2009 (REG-715).

- **Background**

In line with the AWP 2010, ENTSOG has been working, along with ECG Erdgas Consult, on the development of the Transparency Platform. As of 28 May 2009 the Transparency Platform delivers all features envisaged in the original Functional Specifications agreed in 2008 plus some additional ones which were added on the basis of stakeholders' feedback. Key milestones in the implementation of the Transparency Platform were as follows:

As of July 2010, the Transparency Platform provides information on 29 TSOs. 20 out of the 29 are actively participating TSOs that update their system information on regular basis while information on the other 9 was collected from public sources by ENTSOG's predecessor GTE+ and covers only basic information about the respective systems.

The Commission's Decision amending Chapter 3 of Annex 1 to REG-715 on conditions for access to the natural gas transmission network will be applicable as from 3 March 2011, and the set of data that the TSOs are required to publish will increase significantly.

- **Achievements and issues arising to date**

In February 2010, ENTSOG adopted a common approach to the implementation of the transparency requirements of Art. 18(6) and 19(4) of REG-715.

In March 2010, ENTSOG published comments and recommendations regarding the Commission's proposal on amending Chapter 3 of Annex 1 to Regulation (EC) No 715/2009 on conditions for access to the natural gas transmission network.

In September 2010, ENTSOG organized a workshop on Transparency. The workshop consisted of two sessions, the first one focusing on the TSOs' implementation of the transparency requirements of

REG-715, and the second dealing with the Transparency Platform and its further development. The information collected from the members and the stakeholders will be used for the activities described below.

- **Assumptions**

The Transparency Platform has proved a useful tool not only to network users but also to other stakeholders. There is however room for improvement, in particular concerning data quality and the number of TSOs actively participating with regards to all the TP's features. Feedback and support from network users, respective national ministries and regulatory authorities, especially with regards to encouraging TSOs to participate in the project, is needed. For the implementation to be successful, it is crucial that NRAs will agree to cover respective TSOs' costs.

- **Activity 1**

Coordination of and support to TSOs in implementing a common set of transparency deliverables under REG-715

ENTSOG will continue to pursue a consistent approach to the implementation of transparency requirements under 3rd Energy Package framework according to the defined common set of deliverables as well as by actively promoting the implementation properly.

- **Activity 2**

Improvement of TP data quality and increase in number of participating TSOs

This stage covers improvement of the static data to achieve a high-level of information consistency as well as improvement of the dynamic data to always present up-to-date information. ENTSOG will also actively promote involvement of all European TSOs in the project. ENTSOG is currently targeting to have all ENTSOG Members to upload data to the TP by end 2010.

- **Activity 3**

Further development of Transparency Platform

According to the feedback received during the Transparency Workshop held in September 2010, ENTSOG will seek to develop tools that facilitate the users of the Transparency Platform to aggregate data relating to different Interconnection Points and download them easily at one go. Also, ENTSOG will move towards the development of the functional specifications regarding the development of a server that allows users to automatically download data.

ENTSOG will also investigate possibilities to make the presentation of data on the Platform more flexible.

ENTSOG will seek to organize a workshop in Oct 2011, so as to investigate further market requirements from the Transparency Platform.

- **Plan**

The following diagram shows the expected timeline and key activities for the project:

Activity	2011												2012											
	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
Coordination of and support to TSOs in implementing a common set of transparency deliverables under Regulation (EC) 715/2009	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y												
Improvement of TP data quality and increase in number of participating TSOs	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y												
Further development of Transparency Platform	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y												
Development of tool to aggregate data from multiple IPs and download all the data in one go	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y												
Development of technical specifications for facilitating users' automatic downloading	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y												

(Yellow cells on the charts denote activity periods with red cells denoting key deliverables visible to external stakeholders.)

ENTSOG Project Plan

Project Plan for Investment Working Area

- **Objective**

To meet expectations of market participants regarding reporting on and monitoring of capacity development and supply and demand balance both in the short-term and long-term perspective.

To continuously improve the quality of these activities to provide high added value to the market.

- **Key Deliverables for 2011**

- Summer Supply Outlook 2011
- Winter Supply Outlook 2010-2011 Review
- Winter Supply Outlook 2011-2012
- Summer Supply Outlook 2011 Review
- Pilot Regional Investment Plans 2012-2021

- **Background**

The above deliverables reflect ENTSOG obligations under regulation (EC) 715/2009. The reviews of the seasonal supply outlooks show ENTSOG commitment to provide market participants with feedback on actual situation as compared to its ex-ante outlooks.

- **Achievements and issues arising to date**

ENTSOG has delivered on its respective commitments arising from AWP 2010 although there were some slippages in terms of delivery time for Summer and Winter Supply Outlooks due to data processing and new features.

- **Assumptions**

The production of the above reports is very demanding in terms of data collection and processing and ENTSOG will focus in 2011 - 2012 on streamlining these processes.

ENTSOG is well aware of the value of consultation with stakeholders and considers this a continuous process. Although, stakeholders will be requested to provide feedback on regular basis either through bilateral meetings or workshops, they should not hesitate to provide ENTSOG with additional comments throughout the year based on further reflections on a matter.

ENTSOG thus has high expectations in terms of readiness of stakeholders to provide relevant input into its work related to the production of the above reports.

- **Activity 1 -- Elaboration of Summer Supply Outlook 2011**

ENTSOG will build on experience gathered in 2010, incl. experience with the first review. The main issue will be to prove the ability of the European Network to enable shippers to fill storage with enough flexibility.

- **Activity 2 -- Elaboration of Winter Supply Outlook 2010-2011 Review**

ENTSOG will provide the market with a view of the actual winter in comparison with the Winter Supply Outlook 2010-2011.

- **Activity 3 -- Elaboration of Winter Supply Outlook 2011-2012**

ENTSOG will build on experience gathered in 2010, incl. experience with the first review. The main issue will be to prove the European Market integration under extreme climatic conditions.

- **Activity 4 -- Elaboration of Summer Supply Outlook 2011 Review**

ENTSOG will provide the market with a view of the actual winter in comparison with the Summer Supply Outlook 2011.

- **Activity 5 -- Elaboration of Pilot Regional Investment Plans 2012-2021**

ENTSOG will start developing the concept of a regional investment plan and how it relates to the Community-wide TYNDP. Regional Investment Plan should not take the shape of regional cut-outs of the Community wide plan and ENTSOG would therefore like to devote sufficient time to the definition of objectives to be achieved and how to make the plan compatible with the objectives and requirements of the future regulation concerning measures to safeguard security of supply.

- **Activity 6 -- Preparatory work of TYNDP 2013-2022**

As of 2011, ENTSOG plans to follow the interval of two years for the production of its Community-wide TYNDP. In 2011, ENTSOG plans to focus on analysis of supply and demand areas of the future TYNDPS as well as improvement of resilience test cases on SoS and Market integration

- **Activity 7 -- Further development of ENTSOG network modelling tool**

ENTSOG consider that continuous development of its network modelling tool is a must and therefore plans to work further on this during 2011-2012. This will enable ENTSOG to improve its deliverables and its ability to bring valuable feedback in different interventions as in the Gas Coordination Group.

- **Consultation process**

ENTSOG considers stakeholders consultation as a key element in order to release valuable deliverable. Main purpose is to receive:

- feedback on previously released reports to build on experience
- indication on stakeholder expectations to fine-tune specified deliverables
- input on data which are not from TSOs origin but still required to deliver valuable reports (e.g. supply data for TYNDP)

ENTSOG will use the most appropriate ways to consult stakeholders depending on the needs. Workshops will have a particular role in this process and possible topics are TYNDP, Outlooks definition, Regional approach...

- **Plan**

The following diagram shows the expected timeline and key activities for the project:

Activity	2011												2012											
	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
Summer Supply Outlook 2011	■	■	■	■	■	■	■	■	■	■	■	■												
Winter Supply Outlook 2010-2011 Review					■	■																		
Winter Supply Outlook 2011-2012																								
Summer Supply Outlook 2011 Review																								
Pilot Regional Investment Plans 2012-2021																								
TYNDP 2013-2022																								
Workshops	■																							

ENTSOG Project Plan

Project Plan for Interoperability Working Area

Harmonisation of Maintenance Publication

- **Objective**

To finalize the process which will lead to reliable and sufficient information related to planned maintenance being published in a systematic, timely and non-discriminatory manner to all stakeholders for all European cross-border interconnection points.

- **Key Deliverables for 2011**

ENTSOG's proposal for harmonising maintenance publication.

Market participants will be provided with a synchronized and harmonized publication on planning of works and interventions that might have an impact on the physical flows at European cross-border interconnection points. The planning shall be standardized so that the same piece of information is published for all such interconnection point (Installation or IP concerned, nature of works, timing, impact).

- **Background**

It has been recognized that even though information is already made available by individual TSOs on their website, market participants may still face difficulties when wanting to transport gas across Europe due to differences in the handling of maintenance publication (e.g. timing, means of communication) applied across the European network.

ENTSOG is fully committed to improving the maintenance publication and is of the view that TSOs, in their role of market facilitators, are best placed to facilitate the communication around planned maintenance to their networks by, among other things, making the various pieces of information available in an organised and structured way.

For sake of clarity, it should be noted that the aim of the project is not to harmonise maintenance as such.

- **Achievements and issues arising to date**

The project started in 2010, as foreseen in the AWP 2010, but was not finalized, due to the transition from GTE+ working groups to ENTSOG Interoperability Working Area.

- **Assumptions**

The project is mostly based on information that is either already published by individual TSOs on

their websites (or alternatively Bulletin Board) or issued to the market participants by any other means.

For most TSOs, maintenance is a matter that is covered within their respective network codes; ENTSOG assumes that National Regulatory Authorities will endorse the resulting code and require its implementation on a national level in order to avoid disparities in the different transmission systems across Europe.

Because market participants have recently voiced concerns about the information related to maintenance in the framework of transparency related issues, ENTSOG expects an active participation of all stakeholders to the relevant workshop

- **Activity 1: Workshop organization**

This phase will mainly focus on the feed-back from the Stakeholders, which will be collected through a workshop to be organized in March 2011.

Participants to the workshop shall be given the opportunity to comment on both the minimum set of requirements and the proposed process.

- **Activity 2: Development of an Agreed Guidance Note**

This phase will consist of developing and validating a final version of Guidance Note proposal on harmonisation of the maintenance publication, ideally by June 2011.

- **Plan**

The following diagram shows the expected timeline and key activities for the project:

Activity	2011												2012											
	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
Workshop with stakeholders																								
Organize workshop		■	■																					
Presentation and discussion with Stakeholders			■																					
Development of Guidance Note				■	■	■	■																	

(Yellow cells on the charts denote activity periods with red cells denoting key deliverables visible to external stakeholders.)

ENTSOG Project Plan

Project Plan for Interoperability Working Area

ENTSOG IT and Communications Roadmap

- **Objective**

To implement what is foreseen in ENTSOG IT and Communications Roadmap, providing an EU wide IT development and guidance plan on IT communication standards, protocols and adoption principles in cooperation with other European stakeholders

- **Key Deliverables for 2011**

- Technical solutions framework: externally visible deliverables shall include the establishment of the IT Solutions Adoption & Implementation Group and Version 1.0 of the Data & Solutions Handbook.
- Position paper for IT and communications in a future Interoperability Code

- **Background**

The Third Package gives an added impetus to the increasing liberalisation of the European gas market and on the cooperation and coordination of TSOs in the operation of their systems.

The exchange of data is a fundamental aspect in all areas of cooperation. In addition, the development of agreed common standards and protocols for exchanging data has an important role in both facilitating interoperability amongst interconnected networks and in the development of a European market for gas.

The aim of the Roadmap is to address these issues and to facilitate the development of new communication standards and protocols and the adoption of existing ones where appropriate. It also anticipates that IT and communications shall be considered in a future Interoperability Code.

It is recognised that these standards and protocols should be developed jointly by all stakeholders but that the new ENTSOG could have a key role in facilitating their adoption and implementation.

This proposal provides the timetable for the deliverables foreseen in the Roadmap.

- **Achievements and issues arising to date**

The IT and Communications Roadmap proposal was developed as foreseen in AWP 2010. Due to the transition from GTE+ group to ENTSOG Interoperability Working Area, the rest of the deliverables are foreseen in AWP 2011.

- **Assumptions**

Codes' development processes require the support structure of technical solutions for the exchange of data to be in place.

Stakeholders are fully engaged and feel fully consulted with concerning the solutions development and implementation processes.

- **Activity 1: Establish ENTSOG IT Solutions Adoption and Implementation Group**

This group shall consider proposals for inclusion in the Data and Solutions Handbook and shall consider practical aspects as to how to support the implementation of approved solutions. The terms of reference for this group shall be developed and finalised by March 2011. The actual processes for adoption and implementation support shall be considered over the same time frame with the Group being active in June 2011 to begin work on the creation of the Handbook.

- **Activity 2: ENTSOG Data and Solutions Handbook**

This handbook shall contain the solutions officially recognised by the ENTSOG for the electronic exchange of data. The structure and nature of the contents shall be agreed over the coming year with the first version of the Handbook being published by December 2011.

- **Activity 3: Position paper on IT and Communications in a future Interoperability Code**

The aim of this document is to reflect an ENTSOG position on the role of IT and Communications in a future Interoperability Code. Its function is to reflect ENTSOG's views in anticipation of both the Commissions priorities for Interoperability and the associated Framework Guideline. The ultimate goal is that when the time comes for ENTSOG to formally commence its work in developing a Code in this area it already has a fairly settled list of proposals to put out to consultation on how to tackle this challenging area.

- **Plan**

The following diagram shows the expected timeline and key activities for the project:

Activity	2011												2012											
	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
Establish IT Solutions Adoption & Implementation Group																								
Develop „terms of reference“	Y	Y	Y	Y	Y																			
Finalize adoption and implementation processes																								
Group established																								
Development of ENTSOG Data Solutions Handbook																								
Develop structure and content	Y	Y	Y	Y	Y																			
Create Handbook version 1.0																								
Position paper on role of ITC in an Interoperability Code																								

(Yellow cells on the charts denote activity periods with red cells denoting key deliverables visible to external stakeholders.)

ENTSOG Project Plan

Project Plan for Interoperability Working Area

Common Network Operation Tools

- **Objective**

To adopt common network operation tools to ensure coordination of network operation in normal and emergency conditions, including a common incidents classification scale and research plans.

- **Key Deliverables for 2011**

The proposed content of Operation Handbook containing all common operation tools according to the objective.

- **Background**

The Third Package (reg. 715) defines as one of ENTSOG tasks to adopt common network operation tools to ensure coordination of network operation in normal and emergency conditions, including a common incidents classification scale, and research plans (art. 8, par. 3(a)).

The adoption of these tools, when developed, by ENTSOG members can be in a voluntary basis, until they are included in a Network Code which becomes binding through the comitology procedure.

- **Achievements and issues arising to date**

This project plan was not in the previous AWP.

- **Assumptions**

- **Activity 1: Preparation of ENTSOG proposed Operation Handbook**

A special Task Force with a specific “Terms of Reference” will be established. The Task Force will have to deliver a proposed content of the Operation Handbook, with the proposed common network operation tools. The document, after the necessary internal approval, will be published for comments. Stakeholders will be invited to express opinions in a workshop.

- **Activity 2: Operation Handbook finalization**

Comments received through the consultation and workshop will be validated and the document will be developed. The first version will be published.

- **Plan**

The following diagram shows the expected timeline and key activities for the project:

Activity	2011												2012											
	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
Preparation of ENTSOG proposed Operation Handbook	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y													
Development of „terms of reference“ for TF	Y																							
TF establishment		R																						
Development of Operation Handbook (content)			Y	Y	Y	Y	Y	Y	Y	Y	Y													
Preparation for workshop							Y	Y	Y	Y	Y													
Operation Handbook (content) on consultation										R														
Workshop with stakeholders											R													
Preparation of Operation Handbook										Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
Incorporation of comments / document development										Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
Operation Handbook published																								R

(Yellow cells on the charts denote activity periods with red cells denoting key deliverables visible to external stakeholders.)

ENTSOG Project Plan

Project Plan for Interoperability Working Area

Coordination of technical cooperation between Community and third country TSOs

- **Objective**

To adopt recommendations related to the Coordination of technical cooperation between Community and third-country TSOs.

- **Key Deliverables for 2011**

There will be no key deliverables within 2011.

- **Background**

The Third Package (reg. 715) defines as one of ENTSOG tasks to adopt recommendations related to the Coordination of technical cooperation between Community and third-country TSOs (art. 8, par. 3(c)).

This seems to be a necessity as the dependence of the EU on gas imports is already significant and increasing. Technical cooperation between Community and third-country TSOs, though it cannot become obligatory, will serve to secure imports and better facilitate gas flows.

- **Achievements and issues arising to date**

This project plan was not in the previous AWP.

- **Assumptions**

- **Preparation of ENTSOG recommendations**

A special Task Force with a specific “Terms of Reference” will be established. The Task Force will have to deliver a proposed set of contents for the recommendations. The proposal shall be published for consultation. A workshop, where stakeholders will be invited to express opinions, will be organized.

- **Development of ENTSOG recommendations**

Comments received through the consultation and workshop will be validated and the document will be developed. The first version will be published.

- **Plan**

The following diagram shows the expected timeline and key activities for the project:

Activity	2011												2012											
	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
Preparation of ENTSOG recommendations																								
Development of „terms of reference“ for TF																								
TF establishment																								
Development of recommendations (content)																								
Preparation for workshop																								
Recommendations (content) on consultation																								
Workshop with stakeholders																								
Development of ENTSOG recommendations																								
Incorporation of comments / document development																								
ENTSOG recommendations published																								

(Yellow cells on the charts denote activity periods with red cells denoting key deliverables visible to external stakeholders.)