1. **Basic Information**

1.1 Project Number: SR0105
1.2 Title: Support for the Energy Policy in the Slovak Republic
1.3 Sector: Energy
1.4 Location: Slovak Republic

2. **Objectives:**

2.1 **Overall Objectives:**

- Implementation of legislation relevant to energy regulation
- Further improve energy efficiency
- Align oil stock requirements

2.2 **Project purpose:**
Support to the authorities in the energy sector in charge of oil stocks, regulation and energy efficiency.

2.3 **Accession Partnership and NPAA priority**

**Accession Partnership – medium-term priority - Energy**
- implementation of EU legislation
- alignment of oil stock requirements
- preparation for the internal energy market, notably the electricity and gas directives (including adoption of energy prices to cost levels and the establishment of a regulator)

**NPAA Energy alignment of oil stock requirement**
- adoption of law on „Stocks of Crude Oil and Petroleum Products and Managing of Oil Emergency“
- alignment of oil stock requirements
- elaboration of a detailed financial plan and time schedule for the achievement of a stock level in conformity with EU directives
- build up of stocks of crude oil and petroleum products in accordance with the adopted law and implementation schedule

**NPAA Energy alignment of the regulation and energy efficiency**
- adoption of law on „Regulation of Natural Monopolies“
- establishment of an independent regulatory authority for the energy sector
- implementation of the Energy Efficiency law
- implementation of the first stage of preparation of the internal energy market, which will enable end-users of electricity to choose their electricity supplier from among electricity producers in Slovakia
- preparation for the internal energy market, notably the electricity and gas directives (including adoption of energy prices to cost levels)
3 Description

3.1 Background and justification

The project was designed with the aim at helping Slovakia in the implement of relevant EU legislation in the energy sector.

It includes three sub-projects:
1. Implementation of the law on regulation in the network industries
2. Promote efficient utilisation and savings of energy
3. Implementation of the law on "Stocks of Crude Oil and Petroleum Products and Managing of Oil Emergency".

Sub-project 1: Relevant institutions responsible for the regulation of the energy sector are:
- The Ministry of Economy for technical regulation and energy efficiency policies, licensing and consumer protection;
- The Ministry of Finance in the field of price regulation;
- The Slovak Anti-monopoly Office in the field of fair competition.

The Slovak Government adopted a Draft Law on Regulation of Network Industries and amended existing legislation by Decree 269 of 28th March 2001 (Regulatory Act). This Draft was submitted to the Parliament for final approval. The Regulatory Act is scheduled to enter into force by 1st January 2002. The Act also envisages the establishment of the Office for Regulation of Network Industries of the Slovak Republic (ORNI) as independent central state regulatory authority. The ORNI will be responsible for state regulation in the energy sector, authorisation to build new energy plans and provisions of licences from 1st January 2002. Following the adoption of the Regulatory Act (primary legislation), it will be necessary to adopt secondary legislation and introduce regulations that define its method of intervention.

ORNI will be the beneficiary institution for twinning support in order to accelerate the transposition, implementation and enforcement of secondary legislation in accordance with the Accession Partnership and the NPAA priorities and to achieve full implementation of relevant EU legislation in the areas of:
- regulation in the network industries,
- strengthening of the independent regulatory authority,
- energy efficiency


Sub-project 2: Relevant institutions responsible for the efficient utilisation and savings of energy are:
- The Ministry of Economy for regulation and energy efficiency policies, licensing, consumer protection;
- The Slovak Energy Agency (delegated competencies from the Ministry of Economy);
- The Ministry of Finance for price regulation;
- The Anti-monopoly Office responsible in the field of fair competition
A tariff policy is made to support the promotion of energy savings and the use of renewable sources of energy. Support under this component should focus on the:
- design a system of incentives and sanctions, including a tariff structure review, in order to promote energy savings;
- implementation of EU legislation in the area of energy efficiency;
- adoption of policies for energy saving;
- adoption of policies, including a tariff structure review, for improving the use of renewable energy;
- provision of software for an efficient IT statistical system.
- availability of competent and skilled staff;

Sub project 3: According to the Act 347/1990 on the organization of ministries and other state bodies of the state administration of the Slovak Code of law, the Administration of State Material Reserves is the central body for financing, altering, replacing, providing loans, releasing, storage, security and control of the state material reserves and also their sustainability according to the requests from the crisis plans system.

The Administration of State Material Reserves of the Slovak Republic (ASMR) is the responsible institution for stockpiling of crude oil and petroleum products and provides monthly statistical survey on oil and gas.

According to the legislation in force from 1st June 2001, 90-days of emergency stocks will be held in state ownership. The results of the project will not lead to any change in the institutional framework, but will support and strengthen the capacities of the ASMR.


From January 2001, the ASMR prepares a EU compatible monthly state-wide statistical survey of oil and gas. However, in order for the ASMR to ensure this survey and its compatibility with EU data/statistics software tools, EU expertise on ex-ante evaluation and comparative analysis is needed.

The ASMR has to assess the state of current storage capacities in the Slovak Republic from an ecological and a technical point of view in accordance with EU standards. It also has to prepare a financial analysis and an assessment of the need for further investments for the reconstruction and/or building of new storage capacities. This should result in a recommendation for the optimal structure and location of state oil reserves.

In order to achieve the above mentioned tasks the ASMR staff will be trained and statistical and emergency planning software developed.

3.2 Linked activities

The project EN 99/A01 “Support to the Slovak Ministry of Economy for the Implementation of Comprehensive Energy Policy” (on-going) covers also the preparation of the laws on the regulation of natural monopolies and energy efficiency. This new project should be the logical
continuation and ensure completion of the aforementioned project.

3.3 **Results**

1. Regulation in the network industries adopted and implemented
2. Systems for energy efficiency and savings developed.
3. Legal and technical framework as well as administrative conditions for building of Stocks of Crude Oil and Petroleum Products and Managing of Oil Emergency defined and implemented.

3.4 **Activities**

**Activities associated with Result 1: Regulation in the network industries adopted and implemented**

In order to ensure the correct implementation of the EC provisions regarding the internal market of electricity and gas, a regulatory authority for the energy sector has to be established from 1 January 2002. The legal framework for the establishment of this authority is the so-called "Law on regulation in the network industries". Support provided under this component should be carried out through the following activities:

1.1 Support to the implementation of detailed economic legal and technical procedures used by the regulators in the energy sector;
1.2 Support in drafting secondary legislation;
1.3 Support for the elaboration of tools for technical control: capacity assessment and quality assessment;
1.4 Elaboration of tools for the economic control: unbundling control, assessment of the costs of public service obligations, access charge assessment;
1.5 Training of relevant employees in EU Member States;
1.6 Support in analysing and developing procedures for evaluation of legal aspects: contracts, commercial conditions, legal definition of discriminatory behaviour;
1.7 Development of software for financial analysis and training of trainers.

**Guaranteed results of the above mentioned activities are as follows:**

- EU legislation in the area of regulation in the network industries fully implemented;
- "Law on regulation in the network industries" properly implemented;
- full implementation of the corresponding statistical surveys, including implementation of EU compatible energy statistics;
- human resources of the regulator trained with best training practices;
- administrative capacity of the regulation of the energy sector enhanced

**Activities associated with Result 2: Systems for energy efficiency and savings developed**

Tariff policy is relevant as a mean to support the promotion of energy savings and the use of renewable sources of energy. Support under this component should focus on the:

2.1 Improvement of the measuring system of energy intensity in Slovakia in order to better analyse the possible benefits in energy saving and renewable policies;
2.2 Clarification of the system of prices and tariffs by identifying the aids in order to improve energy efficiency:
- reach a structure of prices comparable to those existing in the Member States
2.3 Provide incentives in the energy saving system for households by influencing their behaviour and by setting-up policies to improve the infrastructure;

2.4 Prepare a draft concept on decreasing energy dependency by improving the use of renewable energy sources

2.5 Expert support to the development of statistical software and training of trainers.

Guaranteed results of the above mentioned activities are as follows:

- the tariff structure reviewed in such a way that it contributes to the energy savings and to the use of renewable sources of energy;
- system of incentives and sanctions in order to promote specific energy savings defined;
- EU legislation in the area of energy efficiency fully harmonised;
- strategies for improving the use of renewable energy drafted
- competent and skilled staff on energy efficiency;
- technical means (software) for proper functioning statistics available

Activities associated with result 3: Legal and technical framework as well as administrative conditions for building of Stocks of Crude Oil and Petroleum Products and Managing of Oil Emergency defined and implemented

For the correct enforcement of the new Slovak law on "Stocks of Crude Oil and Petroleum Products and Managing of Oil Emergency" fully compatible with the EU legislation in the area of oil stocks, support under this subproject should focus on:

3.1 Development of procedures for an effective and efficient enforcement of the law on oil stocks and oil emergency;

3.2 Evaluation of the compatibility with the monthly EU statistics on oil and gas and development of software tools for processing statistical data;

3.3 Financial, technical and ecological analysis and evaluation of existing storage capacities in Slovakia in accordance with EU standards;

3.4 Preparation of detailed financial analysis for achieving the required 90 days level of reserves, including analysis of existing storage capacities, necessary investments in reconstruction and new buildings;

3.5 Enhancing the administrative capacity of the ASMR in particular through the provision of adequate training on best practices.

Guaranteed results of the above mentioned activities are as follows:

- EU legislation in the area of oil stocks and emergency management enforced;
- procedures for an efficient enforcement of the law developed,
- proposal for optimal reserves structure and location,
- storage capacities in Slovakia designed in accordance with EU standards,
- detailed financial analysis for achieving the required 90 days level of reserves, including analysis of existing storage capacities, necessary investments in reconstruction and new building prepared
- Software for oil emergency planning and statistics developed,
- ASMR strengthened as responsible administrative body with trained staff and equipped to implement the stockpiling and crisis legislation as well as monthly oil and gas statistical survey.
Means and costs

Phare assistance will be provided through a twinning arrangement with a duration of 18 months. The Pre-Accession Advisor (PAA) will have the overall responsibility for the timely and effective provision of the assistance required for the three sub-projects, short-term expertise and training included. S/he will notably be in charge of the activity 1.1.

The PAA, with a sound knowledge of the acquis in the energy sector, should have a professional experience in the following fields:

- policy advice on energy prices, tariffs, oil stocks and emergency management;
- provision of impact studies;
- drafting of energy strategies;
- provision of relevant legal advice in the area of oil stocks and emergency management;
- elaboration of recommendations on institutional strengthening to ensure the implementation of the acquis;
- development of the most appropriate institutional set-up and recommendation for regulatory authorities.

The candidate should have a University degree in the relevant field, good management and communication skills; be computer literate and have a fluent written/oral knowledge of English.

Means and costs related to Result 1:

The PAA will be assisted in performing the above activities by a pool of short-term experts.

4. Institutional Framework

The Ministry of Economy of the Slovak Republic will be responsible for the overall supervision of the project. The result of the project will not influence the legal structure of the beneficiaries.

Recipient:
Ministry of Economy
Dipl. Ing. Ondrej Studenec
General Director of Energy Section
Mierová 19
827 15 Bratislava
Slovak Republic
Phone: +421 7 4854 1929
Fax: +421 7 4333 9287
E-mail: studenec@economy.gov.sk

Beneficiary: Ministry of Economy (from 1st January 2002)

Office of Regulation Network Industries of the Slovak Republic
Dipl. Ing. Ján Matuský
Mierová 19
827 15 Bratislava
Slovak Republic
Phone: +421 7 4854 1518; +421 7 4854 1929
Fax: +421 7 4333 9287;
E-mail: matusky@economy.gov.sk
Administration of State Material Reserves of the Slovak Republic  
Dipl. Ing. Tomaš Bičan  
Head of International Department  
Pražská 29  
812 63 Bratislava  
Slovak Republic  
Phone: +421 7 5727 8303  
Fax: +421 7 5249 6310  
E-mail: bican@reserves.gov.sk

5. Detailed Budget in MEUR

<table>
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<tr>
<th></th>
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<th>Total Phare (=I+IB)</th>
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<td>0.1</td>
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(*) Co-financing will cover the purchase of IT equipment for the newly established regulatory authority in the network industries, study tours, translation of documents, etc.

6. Implementation Arrangements

6.1 Implementing Agency

CFCU-Central Finance and Contracting Unit, Mlynské Nivy 61  
821 09 Bratislava, Slovak Republic  
Phone: +421 7 534 182 93, Fax: + 421 7 534 180 95  
CFCU is responsible for tendering, contracting, financing, auditing and control.

6.2 Beneficiary institutions for twinning:

Ministry of Economy of the Slovak Republic, from 1 January 2002  
Office for Regulation of Network Industries of the Slovak Republic  
Dipl. Ing. Ján Matuský; Advisor for the Minister  
Mierová 19  
827 15 Bratislava  
Slovak Republic  
Phone: +421 7 4854 1518; +421 7 4854 1929  
Fax: +421 7 4333 9287;  
E-mail: matusky@economy.gov.sk

Ministry of Economy of the Slovak Republic  
Dipl. Ing. Ondrej Studenec  
Mierová 19  
827 15 Bratislava  
Slovak Republic  
Phone: +421 7 4854 1901; +421 7 4854 1929  
Fax: +421 7 4333 9287;  
E-mail: Studenec@economy.gov.sk
6.3 Non-standard aspects: the DIS manual will strictly be followed.

6.4 Contracts: one twinning covenant
Subcontract within the twinning is envisaged for the activities related to the software development of and its delivery.

7. Implementation Schedule

7.1 Call for proposal: 4th Q 2001
7.2 Start of project activity: 2nd Q 2002
7.3 Project Completion: 3rd Q 2003

8. Equal Opportunity
Equal opportunity principles and practices in ensuring equitable gender participation in the project will be guaranteed.

9. Environment: not applicable

10. Rates of return: not applicable

11. Investment criteria: not applicable

12. Conditionality and sequencing

The activities associated with result 1 are conditional upon the entering into force of the Act on Network Industry Regulation.
## Support for the Energy Policy in the Slovak Republic

**Programme name:** Support for the Energy Policy in the Slovak Republic  
**Date of drafting:** April 2001  
**Total budget (MEUR):** 1.0  
**Programme no.:** SR0105  
**Contracting period expires:** 30.11.2003  
**Phare contribution (MEUR):** 0.8  
**Country:** Slovak Republic  
**Disbursement period expires:** 30.11.2004

### Intervention logic

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<th>Objective verification indicators</th>
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<tr>
<td><strong>Overall objectives:</strong></td>
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</tbody>
</table>
| • Implementation of legislation on energy regulation | Code of law of SR  
Regular report of Slovakia  
Annual reports of ORNI  
ASMR report | Approval of secondary legislation  
Enough skilled staff at ORNI |
| • Further improve energy efficiency |                         |             |
| • Implementation of new regulatory framework |                         |             |
| • Achieve the full alignment of the Slovak energy efficiency legislation with the acquis communitaire |                         |             |
| • Align oil stock requirements |                         |             |

<table>
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<tr>
<th><strong>Project purpose:</strong></th>
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</table>
| Support to the authorities in energy sector in charge of oil stocks, regulation and energy efficiency. | Implementation of:  
1. the law on regulation in the network industries  
2. proactive measures to achieve energy savings, particularly through an appropriate tariffation  
3. Act on stocks of crude oil and petroleum products and oil emergency  
Development of procedures for efficient enforcement of the law on oils stocks and oil emergency  
Advanced expertise on evaluation and comparison of the compatibility with the monthly EU statistics on oil and gas and development of software tools for processing statistical data  
Technical and ecological analysis and evaluation of existing storage capacities in Slovakia in accordance with EU standards, Preparation of detailed financial analysis for achieving the required 90 days level of reserves, including analysis of existing storage capacities, necessary investments in reconstruction and new building, Enhancing the administrative capacity of the ASMR in particular through the provision of adequate training on best practices | Code of law of the SR  
Annual report of ORNI  
ASMR report  
Elaborated analysis and plans  
Progress report  
Statistical office reports  
Contracts and deliveries | Non adoption of law by Parliament  
Approval of secondary legislation  
Deny of co-operation of oil industry  
Timing of delivery of SW and staff training |
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<th>Sources of verification</th>
<th>Assumptions</th>
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<tr>
<td></td>
<td>EU comparison and advance expertise on monthly oil and gas statistical survey</td>
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<tr>
<td></td>
<td>Elaboration of technical and ecological assessment of oil storage capacities</td>
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<tr>
<td></td>
<td>Elaboration of financial and structural analysis of investment in new building and restructuring of existing oil storage capacities</td>
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<td></td>
<td>Financial and territorial plan of building the oil stocks</td>
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<td></td>
<td>Elaboration of tools of efficiency assessment, access charge assessment, assessment of the costs of public services obligations</td>
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<td></td>
<td>Elaboration of tools of the technical control: capacity assessment, quality assessment</td>
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<td></td>
<td>Elaboration of the procedures of evaluation in the contracts, commercial conditions, legal definition of discriminatory behaviour</td>
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<tr>
<td></td>
<td>Institution support – SW and training (e.g. for monthly oil and gas statistics survey)</td>
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</table>
### Logical Framework Planning Matrix for: Support for the Energy Policy in the Slovak Republic

<table>
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<th>Programme no.:</th>
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</table>

#### Results:

1. **Regulation in the network industries created and functioning**
   - Implementation of the EC provisions regarding the internal market of electricity and gas
   - Ensuring proper implementation of the "Law on regulation in the network industries"
   - Ensuring full implementation of the corresponding statistical surveys, including implementation of EU compatible energy statistics
   - Enhancing the administrative capacity of the regulatory body for the energy sector, in particular through the provision of adequate training on the best practices
   - Implementation of the "Law on regulation in the network industries"
   - Ensuring proper implementation of statistical surveys, including implementation of EU compatible energy statistics
   - Enhancing the administrative capacity of the regulatory body for the energy sector, in particular through the provision of adequate training on the best practices
   - Law compliant with EU legislation
   - Reports
   - Study visit organised

2. **Systems for efficient use and saving developed**
   - Determine a system of incentives, including the tariff structure review, and sanctions in order to promote energy savings
   - Promote the use of renewable sources of energy in particular through the review of tariff structure
   - Reports

3. **Legal framework and technical as well as administrative conditions for building of Stocks of Crude Oil and Petroleum Products and Managing of Oil Emergency defined.**
   - Enforcement of EU legislation in the area of oil stocks and emergency management
   - EU compatible monthly oil and gas statistics together with the appropriate SW processing tools
   - Soonest possible building of stocks in conformity with the requirements of EC Directives according to elaborated financial plan
   - Technical, ecological and financial assessment of existing storage capacities
   - ASMR as responsible administrative body with trained staff and corresponding equipment to accept the challenge of implementation of stockpiling and crisis legislation as well as statistical survey
   - Law compliant with EU legislation
   - Statistical survey available and compatible with EU
   - Reports on oil stocks
   - Report on storage capacities
   - Software installed
   - Study tour organised
   - Software, trained staff
   - Timely delivery of plan
   - No slippage in time and financial schedule
   - Timely delivery of report
   - Good timing for SW development
### Programme name:
Support for the Energy Policy in the Slovak Republic

### Date of drafting:
April 2001

### Total budget (MEUR)
1.0

### Programme no.:
SR0105

### Contracting period expires:
30.11.2003

### Phare contribution (MEUR)
0.8

### Country:
Slovak Republic

### Disbursement period expires:
30.11.2004

### Logical Framework Planning Matrix for:
- **Country:** Slovak Republic
- **Programme no.:** SR0105
- **Date of drafting:** April 2001
- **Total budget (MEUR):** 1.0
- **Contracting period expires:** 30.11.2003
- **Phare contribution (MEUR):** 0.8

### Intervention logic

<table>
<thead>
<tr>
<th>Activities:</th>
<th>Objectively verifiable indicators</th>
<th>Sources of verification</th>
<th>Assumptions</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Activities associated with result 1</strong></td>
<td><strong>Specification of means</strong></td>
<td><strong>Specification of costs</strong></td>
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<tr>
<td>1.1 Support to the implementation of detailed economic, legal and technical procedures used by the regulators in the energy sector</td>
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<td>0.8 MEUR</td>
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</tr>
<tr>
<td>1.2 Support to drafting of secondary legislation</td>
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<tr>
<td>1.3 Support to elaborating tools for technical control: capacity assessment and quality assessment</td>
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<tr>
<td>1.4 Elaboration of tools for economical control: unbundling control, assessment of the costs of public service obligations, access charge assessment</td>
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<tr>
<td>1.5 Training of responsible employees in some EU countries</td>
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<tr>
<td>1.6 Support in analysing and developing procedures for evaluation of legal aspects: contracts, commercial conditions, legal definition of discriminatory behaviour</td>
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<tr>
<td>1.7 Expert support to the development of software for financial analysing and training of trainers</td>
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### Logical Framework Planning Matrix for:

- **Programme name:** Support for the Energy Policy in the Slovak Republic
- **Date of drafting:** April 2001
- **Programme no.:** SR0105
- **Contracting period expires:** 30.11.2003
- **Country:** Slovak Republic
- **Disbursement period expires:** 30.11.2004
- **Total budget (MEUR):** 1.0
- **Phare contribution (MEUR):** 0.8

### Intervention logic

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<td>2.1 Improvement of the measuring system of energy intensity in Slovakia in order to better analyse the possible benefits in energy saving and renewable policies</td>
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<tr>
<td>2.2 Clarification of the system of prices and tariffs by identifying the aids in order to:</td>
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<tr>
<td>- reach a structure of prices comparable to those existing in the MS</td>
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<tr>
<td>- identify and measure the scale of aid</td>
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<td></td>
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<tr>
<td>2.3 Provide an incentives in the energy saving system for households by influencing their behaviour and by setting up of policies to improve the infrastructure</td>
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<tr>
<td>2.4 Prepare a draft conception on decreasing energy dependency by improving the use of renewable energy sources</td>
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<td>2.5 Expert support to the development of statistical software and training of trainers</td>
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### Logframe on “Energy”

#### Annex 1 to Project Fiche

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### Intervention logic

#### Activities associated with result 3

1. Development of procedures for an effective and efficient enforcement of the law on oil stocks and oil emergency
2. Advanced expertise on evaluation and comparison of the compatibility with the monthly EU statistics on oil and gas and development of software tools for processing statistical data
3. Financial technical and ecological analysis and evaluation of existing storage capacities in Slovakia in accordance with EU standards
4. Preparation of detailed financial analyses for achieving the required 90 days level of reserves, including analysis of existing storage capacities, necessary investments in reconstruction and new buildings;
5. Enhancing the administrative capacity of the ASMR in particular through the provision of adequate training on best practices.

### Objectively verifiable indicators

#### Sources of verification

- Co-operation of oil industry
- Co-operation of foreign institution or company

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### Precondition:

Result 1: entering into force of the Act on Network Industry Regulation
# Support for the Energy Policy in the Slovak Republic

## Sub-Projects Time Implementation Chart (in quarters)

<table>
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<tr>
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<td>1. Regulation in the network industries</td>
<td>C</td>
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<tr>
<td>1. Efficient utilisation and savings of energy</td>
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<td>3. Legal framework and technical as well as administrative conditions for building of Stocks of Crude Oil and Petroleum Products and Managing of Oil Emergency realised.</td>
<td>C</td>
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| C: Call for proposals |
| I: Implementation     |
CUMULATIVE CONTRACTING AND DISBURSEMENT SCHEDULE (in MEUR)

Support for the Energy Policy in the Slovak Republic

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