Standard Summary Project Fiche

Project Number LT 0003-01

1. Basic Information

- 1.1. <u>Désirée No.</u> LT 0003-01
- 1.2. <u>Twinning Component Number</u>: LT 2000/IB/FI/02
- 1.3. <u>Title</u> Strengthening Administrative and Technical Capacity to Promote the Free Movement of Goods
- 1.4. <u>Sector</u> Internal Market
- 1.5. <u>Location</u> Ministry of Economy, Ministry of Public Administration Reforms and Local Authorities, Lithuanian Standards Board (LST), National Accreditation Bureau (LA), State Metrology Office (SMS), conformity assessment bodies and economic operators

Contact Details: Vilius Šileika, Head of Industry Competitiveness Division, Industry Department, Ministry of Economy, Tel: 3702626810, Fax: 3702623974, e-mail: kokybe@po.ekm.lt; Steering Committee, Ms. Simona Labunskaite, Head of European Integration Division, Ministry of Economy, Tel: 3702629006, Fax: 3702623974, e-mail: eik@po.ekm.lt

2. Objectives

2.1. Wider Objectives

The Wider Objective of this 2.75 MEUR Project is:

• Strengthen the administrative, organisational, financial management and technical capacities of the range of horizontal and sectoral agencies and laboratories to adopt and enforce the EC acquis relevant to the free movement of goods, removal of technical barriers to trade and development of the mutual recognition, in particular with relevance to market surveillance and conformity assessment structures and key sectors identified as priority for Lithuania.

2.2. Immediate Objectives

The Immediate Objectives of this Project are the following:

- **Legislation**: Complete the process of legal approximation including the preparation of secondary legislation and enforcement guidelines for the priority New Approach and sectoral approach directives (foodstuff, electrical equipment, construction materials, and other). *This is performed in accordance with the timetable for approximation and enforcement provided in the National Programme on the Adoption of the Acquis (see Annex 6) and priorities of industry, enterprises and consumer protection;*
- **Market Surveillance**: Finalised and optimised strategic preparations for and implementation of the market surveillance strategy in selected areas, including strengthened operational, financial, technical and staff capacities of the priority national and sectoral bodies and testing facilities (see Annex 4). *Taking into account economic reasoning, the priority laboratories will be upgraded within the project (see Annex 5). Therefore, agreements will be proposed as to shared facilities with neighbouring and EU Member States;*
- **Conformity Assessment**: To prepare and finalise development plan concerning strengthening/creating necessary infrastructure of conformity assessment bodies. Furthermore, certain national and sectoral bodies and priority testing facilities will be strengthened in terms of operational, financial, technical and staff capacities and know-how. *Taking into account*

economical reasoning, agreements will be proposed as to shared facilities with neighbouring and EU Member States;

- Accreditation: (1) Certification the establishment of a national accreditation infrastructure . for certification in the field of Environment Management Systems. To realise international recognition for this certification system, Lithuanian Accreditation (LA) will become signatory member of EA (signatory of the MLA) in the field of certification in EMS. Furthermore, the objective is to strengthen the certification infrastructure in Lithuania with accredited certification bodies in the field of Environmental Management Systems (new bodies or extended scope of present existing certification bodies), to be competitive with present infiltration of Western European accredited certification bodies on the Lithuanian market. To implement the certification system in Lithuania enterprises will be certified for EMS based on the international standard ISO 14000. With the international recognition of the certification system for EMS, Lithuanian enterprises certified by LA are competitive with enterprises certified by others on the national market and have access to the Western European market or abroad; (2) Laboratories - implementation of an inter-laboratory comparison system to demonstrate the technical competence of the accredited laboratories to become signatory member of EA (signatory of MLA) for laboratories;
- Metrology: Ensuring internationally recognised traceability and tractability of measurements . down to the industry, testing laboratories working in market surveillance and conformity assessment and other consumers. National measurement standards (temperature, flow, volume, time/frequency, resistance and voltage), prioritised by the Resolution of the Government and important to national economy, will be established. Preparations to seek international recognition of national measurement standards and of calibration and measurement certificates issued by national metrology institutes (NMIs) finalised. As well, quality systems in the national standards laboratories (temperature and voltage) implemented and conformity to EU approach achieved. As a result, both recognition and traceability of measurements will be achieved by participation in EUROMET intercomparisons and becoming a full member of EUROMET. Finally, preparations to become a signatory member of the Metre Convention will be completed. As one of the effects, via establishment of national measurement standards and provision of traceability and tractability of measurements, development and upgrading of both industry (foodstuff sector, oil industry sector, construction materials sector etc.) and calibration and testing laboratories will be supported. This will also contribute to a wider application of quality systems in enterprises;
- Economic Operators: Just as quality systems (QM) systems have become a vital passport to trade, the development of sound environmental management system (EMS) can also support companies to overcome trade barriers. The is strong evidence that many organisations are already expecting their suppliers to adopt a more environmentally responsible attitude and this has led to the requirement for suppliers to have certified EMS in place in order to do business. Lithuanian manufacturers selling their products to many companies in EU would have and advantage if they could demonstrate a certified EMS. Without such a possibility more and more companies will face certain difficulties to take a good position in the market. Cooperation between public and private sectors is strengthened by certified enterprises, certified by Lithuanian accredited certification bodies.

2.3. Accession Partnership and NPAA Priority

The Accession Partnership (December 1999) refers to the following priority objectives:

Short-term: to accelerate alignment of the sectoral legislation on industrial products in particular medicines for veterinary use and New Approach Directives; develop the corresponding conformity assessment system; develop a coherent strategy on market surveillance;

Medium-term: to complete alignment of sectoral legislation and remove all remaining mandatory certification procedures; complete the adoption of EN standards; ensure implementing structures for all sectors.

3. Description

3.1 Background and Justification

Legislation

The Government of the Republic of Lithuania approved the **National Quality Programme** on 12 January 1999. The Ministry of Economy and the Quality Council are in charge of development of the annual strategic plans and monitoring the implementation thereof.

The programme sets National Quality Policy, which includes harmonisation of national legislation, development of quality infrastructure, market surveillance, etc. and established the principles for its implementation.

Market Surveillance

There is an on-going inter-ministerial discussion, concerning appointment of the organisation having the overall responsibility for the market surveillance in Lithuania. It is considered that the Ministry of Economy will have the overall responsibility under the Resolution of the Government to be adopted in May 2000.

It is suggested that the Steering group will hold close co-operation with public authorities, engaged in market surveillance, as well as industry and consumers. It will be significantly supported by the long-term expert, who would be engaged in implementation of New Approach directives even after completion of the project.

As a first step towards creation of effective market control, the acceptance of the market surveillance philosophy shifts substantial part of the responsibility from the public control institutions to producers and importers.

Creation of the market surveillance system according to the EC requirements is a gradual, mediumterm task, which includes not only completion of the legislative framework and its enforcement but implementation of corresponding institutional reforms and strengthening of surveillance institutions as well. The strategy on reorganisation of the market surveillance infrastructure in Lithuania is being developed in accordance with the Product Safety Law adopted on 1 June 1999. An open system of testing, control of product safety and accession of conformity according the product directives is in the stage of implementation.

Different aspects of market surveillance are also fixed in other national laws: Law on Consumer protection, Law on Conformity Assessment, Law on Metrology, Law on Trade, Law on Construction, Law on Medicines, Civil Code, Criminal Code, Administrative Code, Government regulations and other legal acts.

It is suggested that the optimised strategy on market surveillance will indicate fields where cooperation over use of shared testing facilities will be performed basing on the most efficient approach. As well, information exchange system is of great importance there and advice of experts is of use. Capabilities of staff of testing laboratories working in market surveillance have to be improved to the standards of EU Member states, therefore, training of Lithuanian staff in WE testing laboratories is necessary.

Conformity Assessment

Government of Lithuania expressed an official wish to sign a conformity assessment agreement (now the European Assessment Protocol to European Agreement) at a meeting of the Joint Committee of the Free Trade Agreement between Lithuania and the European Union in June 1997.

It has been agreed that one of the higher institutions, co-ordinating the work of all institutions responsible for separate stages of preparation, must head the preparation for signing the agreement (now the Protocol). Since November 1998, the co-ordinator of the preparation of the protocol project is the European Committee under the Government of the Republic of Lithuania (Government Resolution No. 1305, approved on 10 November 1998).

On 6 October 1998, the Seimas passed a Law on Conformity Assessment, which sets the main principles of conformity assessment as well as functions and responsibilities of the participants in the system. The law creates the legal basis to harmonise the conformity assessment procedures with the ones applied in the EU. The Law covers regulated and non-regulated sectors and includes accreditation, testing, certification, inspection and suppliers' declarations. The Law structures the conformity assessment system, subjects of conformity assessment, functions of the participants of the system and their responsibilities as well as other issues.

The draft of the Resolution of the Government and the draft programme on establishment of new accredited testing labs and certification bodies and extension of accreditation scope of the established testing labs and certification bodies has been prepared by the Ministry of Economy together with other sector Ministries. It is foreseen to establish 5 new conformity assessment bodies and extend the scope of 16 existing to perform conformity assessment procedures provided for in internal market legislation.

European Committee has made following steps towards creating necessary conditions to sign the Protocol: the working group was formed on 11 November 1998 by the Order No. 51 of the General Director of European Committee; the action plan which includes the main guidelines for preparation for signing the Protocol and the preliminary object of the Protocol was elaborated and approved on 24 June 1999.

Development plan for conformity assessment has to be finalised and optimised, according to the priorities set out. Equipment needs will have to be clearly identified. Therefore, co-operation with the neighbouring countries and EU Member States will be foreseen in the plan in order to achieve the most efficient approach. As a consequence, agreements concerning use of certain shared facilities in other countries will be prepared and proposed.

Capabilities of staff of testing laboratories working in conformity assessment have to be improved to the standards of EU Member states, therefore, training of Lithuanian staff in WE testing laboratories is necessary.

Accreditation

Lithuania became a full member of the European co-operation for **Accreditation** (EA) in June 1999. The National Accreditation Bureau (LA) has accredited 28 testing laboratories, 13 calibration laboratories and 4 product certification bodies. LA applied to become signatory of the EA-MLA in the fields of Calibration, Testing and Product Certification. Peer reviews are expected to take place mid 2000. A major non-conformity in the calibration and testing system is the lack of Inter-laboratory comparisons (including Proficiency Testing). It should also be noted that within the Phare 97 supply tender, a spare set of calibrated standard thermometers was requested with the aim to organise inter-laboratory comparisons as soon as the equipment is supplied and installed. Another non-conformity is the lack of national measurement standards and their international recognition (see metrology). Both have to be improved to become signatory of the MLA for these fields.

To cover all required fields LA have to extend the accreditation activities with the accreditation of Inspection and Certification for Quality Systems, EMS and Persons. Foreign accredited certification bodies are infiltration in the Lithuanian market and certify the present high level enterprises. Improvement of the Lithuanian certification system EMS is necessary to control the internal market at this stage.

Standardisation

The Lithuanian Standards Board (LST) was established on the 25 of April 1990. Presently LST is a government body under the Ministry of Public Administration Reforms and Local Authorities. Until the end of 1997, accreditation and metrology activities were also under the responsibility of LST. However, in January 1998, LST was reorganised into three independent institutions: National Accreditation Bureau (LA), State Metrology Service (SMS) and LST.

LST has been an affiliate member of CEN (European Committee for Standardisation) since 1993, an affiliate of CENELEC (European Committee for Electrotechnical Standardisation) since 1997, a full member of ETSI (European Telecommunications Standards Institute) since 1996, a correspondent member of ISO (International Organisation for Standardisation) since 1992 and an associated member of IEC (International Electrotechnical Commission) since 1996.

The draft Law on Standardisation, as the basis for the transformation of LST into non-profit organisation, is currently in Parliament. It is planned to adopt the Law in the first quarter of 2000. In order to implement the Law on Standardisation, it will be necessary to develop LST as independent non-profit national standards body, including preparation for full membership in CEN and CENELEC. In order to improve consumer participation in standardisation activity, the LST Consumer Commission was established on 21 June 1999.

The revised programme for the adoption of harmonized European standards as Lithuanian standards was approved by the Quality Council 13th May 1999. As of 1 December 1999 there were 2,213 Lithuanian standards, of which 894 (40.4 %) were European standards adopted as Lithuanian.

No further support is required at this stage.

Metrology

Policy in metrology is ensuring traceability and tractability of measurements and full membership in EUROMET via inter-laboratory comparisons of national measurement standards. Establishment of national temperature, flow/volume, time/frequency, voltage and resistance standards in respect to the priorities set out by the Government and industry, is considered. Temperature and voltage standards are being considered as pilot standards to facilitate joining EUROMET intercomparisons. On the other hand, in field of thermometry it is the most important to implement ITS-90 (International temperature scale). Besides, establishment of national time/frequency standard would facilitate to better measurements in voltage and length fields.

It is also important to finalise arrangements to become a signatory member of Multilateral Recognition Arrangement among national metrology institutes on recognition of national measurement standards and of calibration certificates issued by NMIs. Then respective national standards laboratories have to be accredited in order to finalise preparations to sign the MRA. There is a lack in the accreditation side, as those local scientific experts, who can perform evaluation of procedures most efficiently, will be the same working in the national standards laboratories to be accredited. Thus, support of WE experts is sought.

Procurement of equipment Phare LI 9701.01.04.02 project is targeted to cover the most important needs of calibration laboratories mainly replacing the existing outdated or worn out calibration and, partly, legal metrology (a volume meter to adjust gas stations) equipment. Only small part is targeted to extend the scopes (voltage reference standards, one automatic mass comparator, and a set of portable pressure calibrators). At present, support is needed to extend scopes and accuracy of measurements and dissemination of traceability in certain fields. Moreover, taking into account experience of EU Member States in field of legal metrology, it is proposed to revise the Law on Metrology on order to reduce fields of application of public control of measuring instruments.

As correct and accurate measurements is one of the basis for good quality products and correct tests, as one of the effects, the above mentioned activities will contribute to increasing

competitiveness of industry (food, construction materials, oil industry, measuring instruments etc.) and protection of consumers.

Lithuania's policy in the sector of metrology is stated in the Law on Metrology, 9 July 1996. National measurement standards are being established under the Resolution of the Government, passed on 18 May, 1997 and revised in 1999.

Transposition of EC legislation into national legislation faces certain challenges, especially in the checking of net content in pre-packages, as this field has not yet been much explored in Lithuania.

Economic Operators

All the activities mentioned in descriptions for various sectors indicate involvement and benefit of economic operators from the activities to be performed. In fact, various economic operators will contribute to the Steering Committee to find the best available approach. Furthermore, seminars are intended not only to respect needs of enforcement authorities, staff of testing laboratories, but also contribute to building awareness, which, in turn, would highly contribute to the better co-ordination between public and private institutions.

3.2 Linked Activities

- As the result of Phare contract (98-5420.00) Lithuanian quality system certification body started to operate as a separate division of LST in November 1999. Staff and four external auditors have been trained on the practical and operational aspects of running a certification body. The co-operation agreement with TNO Certification provides LST-Sert with possibility to offer recognised quality system certification services to Lithuanian industry.
- According to FEU project "Assistance to LST" was organised 2 seminars for representatives of government and industry on voluntary standardization, 1 seminar on the consumer participation in standardisation, seminar for the management group of LST, training for LST staff and experts of LST TCs on LST structure, standards making procedure. With the assistance of DS was prepared LST Business plan. Provided consultations on data base specifications. Also foreseen further training of experts of LST TCs (Welding, Wood and etc.), assistance in drafting Statutes for LST.
- A first twinning project LI 98/IB OT/03 on standardisation and accreditation with the duration of one year has started. In the field of standardisation should be developed strategy with respect to LST future development towards non-profit standards association (investigated status of LST, compared to the status of western European standards bodies, series of 5 awareness seminars for possible stockholders in different towns in Lithuania). Also foreseen advice on POD system (analysis of requirements of LST regarding printing of documents, compared to needs of western European standards bodies and recommendations for decisions at LST), implementation of quality management system (analysis and compilation of all existing rules and procedures of LST, drafting of quality manual), subscription to PERINORM. In the field of accreditation the following actions are foreseen: seminars for LA staff, technical experts and conformity assessment bodies personnel on practical realisation of EN 45004 requirements, non-destructive methods, training of LA staff on evaluation of PT-organisers according to ISO 43 requirements, development of database management system of LA.
- During year 1999, the 1996 Phare project "Support to the Improvement of the Lithuanian Accreditation Scheme" was implemented by the experts team from the Netherlands. The following main actions were performed within the frame of the project; Sample accreditation of 1 product certification body was performed: product certification body was assessed by LA expert team and Germany Accreditation Body DAP expert team at the same time. Seminars and trainings on the activities of certification bodies and their accreditation, on PT schemes and inter-laboratory calibrations, on calculation of uncertainties in testing was organized. As

well, 2 hospitations for the staff of the National Accreditation Bureau (LA) were arranged. Furthermore, the activity and internal quality system of LA were assessed.

The following main actions were performed within the frame of AMOS project in 1999, i.e. seminar on validation of test methods was organized and joint assessment of 1 product certification body was performed by LA expert team with participation of the representative from the German Accreditation Body DaTech as technical expert.

- A project for strengthening of LST by establishing of an Information Centre and by the creation of a translation structure (LI 97.01.01.04.01) has also started. According to this project should be established translation structure within LST, procedures for a translation structure proper operation and utilisation of terminology database, strengthen Information Centre (equipment, training) to fulfil obligations of 98/34/EC and WTO TBT.
- Under the Phare project LI 96 15/02/01 recommendations on how to improve national metrological infrastructure in moving from mandatory verification to voluntary calibration were developed. Three traceable pilot laboratories (mass, pressure and electricity) at Vilnius Metrology Centre were established, staff trained at NMi (The Netherlands). Inventory on the capabilities in terms of equipment of the five Metrology Centres performed and the conclusion is made that most of the equipment is outdated. The need for new modern equipment and increasing the competence of the staff at the Kaunas, Klaipeda, Panevezys, Siauliai, and Vilnius Metrology Centres indicated.

Technical proposals for the top first priority equipment to be supplied under the Phare Supply project LI 9701.01.04.02 finalised. Thus traceability to Western European laboratories and dissemination of traceability to industry will be much improved in fields of temperature, time/frequency, electricity (DC voltage, resistance, and at the lower accuracy level DC/AC voltage and current), pressure and flow measurements and calibrations.

• No projects in field of market surveillance nor conformity assessment have been performed yet.

3.3 Results / Outputs

Legislation

The process of legal approximation – including preparation of secondary legislation and enforcement guidelines – for the following New Approach and sectoral approach directives (Low voltage equipment, construction materials, foodstuff, and other) completed.

Market Surveillance

Established a functioning organisation for co-ordination of the market surveillance in Lithuania. Strategy document on market surveillance finalised and optimised. Implementation of the market surveillance strategy in selected areas (foodstuff, construction materials, toys) finalised, i.e. operational, financial, technical and staff capacities of national and sectoral bodies and testing facilities strengthened. Training of public officers on market surveillance issues performed. Besides, staff of testing laboratories trained in respective WE laboratories.

As well, awareness of enterprises and industry increased.

Following consultations with various public and private bodies concerning availability of testing facilities, agreements proposed as to shared facilities with neighbouring and EU Member countries.

Conformity Assessment

Development plan for necessary conformity assessment infrastructure finalised and optimised. Certain prioritised testing laboratories supported (training and equipment). Awareness of industry increased.

Following consultations with various public and private bodies concerning testing facilities to be established in Lithuania, agreements proposed as to shared facilities with neighbouring and EU Member countries.

Accreditation

Certification

A national Accreditation body (LA) which is able to perform assessments of the competence of the certification body in the field of EMS and to become signatory member of LA (signatory of MLA).

Some accredited certification bodies for EMS. The accreditation will be obtained from the National Accreditation body (LA), possible with a joined accreditation obtained from WE accreditation body to have direct access to the WE market as long as LA is not longer signatory member of EA.

The establishment of some certified enterprises in the field of EMS, based on the International Standard ISO 14000. The certification will be obtained from the developed national accredited certification bodies.

Laboratories

Participation in inter-laboratory comparisons and proficiency testing finalised.

Metrology

A number of national measurement standards (flow, volume, temperature, time/frequency, voltage and resistance) established and compared to the national measurement standards of WE countries. Out of these, two pilot national primary measurement standards of temperature and voltage to facilitate participation in EUROMET intercomparisons established and up-graded and laboratories accredited according to ISO 17025. ITS-90 implemented in Lithuania in the required range. Training of staff of national measurement standards laboratories trained at WE national standards laboratories.

Calibration scopes in electricity, mass and dimensional fields extended to cover urgent needs of industry.

Traceability and tractability of measurements to industry, enterprises, calibration and testing laboratories ensured to prepare Lithuania to become a full member of EUROMET and to become a signatory member to Multilateral Recognition Arrangement (MRA).

Economic Operators

Economic operators will participate in the Steering Committee, plus in various training/information seminars concerning market surveillance, conformity assessment etc. and will be up-dated with the results of activities in metrology, accreditation and certification fields. Closer co-operation between public and private bodies will be ensured.

3.4 Activities / Inputs

This project will include:

3.4.1 Twinning and Training Package (LT 2000/IB/FI/02):

- A 2 year PAA, providing general management and institutional support in the area of market surveillance, plus responsibility for overall management of the Project. The expert will be located at the Ministry of Economy and should provide broad strategic support across the whole field of the free movement of goods, product safety etc.;
- A 1 year PAA, over 2 calendar years, providing general management and institutional support in the area of conformity assessment. The expert will be located at the Ministry of Economy.

- A series of short-term experts (approximately 40 person-months), supporting:
 - Development/revision of a comprehensive, coherent national strategy for free movement of goods and associated 'sub-sector' strategies (food, toys, construction materials etc.);
 - Strengthening institutional and operational structures and procedures (legal and regulatory needs, financial planning, operational procedures, information/consultation procedures, strategy for development of technical capacities etc.), in particular focused on inspection and certification bodies, CE marking etc.;
 - Development and delivery of extensive staff training programmes/materials: inspectorates, testing and calibration laboratories, auditors, assessors, co-ordination/ liaison with public/private sector actors, financial management and planning etc.;
- Other services and supplies, for example, for the development and/or procurement of computer/information systems software, interpretation and translation, documentation including the printing and circulation of operating manuals produced by the Project etc..

3.4.2 Procurement of Technical Equipment:

Relating to national measurement standards and calibration equipment, proficiency testing, reference materials, core testing equipment and management information systems for market surveillance and conformity assessment. While detailed equipment needs, including preparation of technical specifications will be carried out with the inputs of the Twinning Team, an indicative list of priority equipment is already provided in Annexes 4 and 5.

It is proposed that two tenders be launched (both, in accordance with Phare procurement procedures, via international open tender, following publication in the Official Journal): one in the fields of market surveillance and conformity assessment, the second in the fields of metrology and accreditation.

The following horizontal and sectoral Activities will be undertaken, via this Project:

Legislation

The terms for transposition and implementation of the New Approach directives is given in the Annex 6. The Lithuanian part will be supported in the preparation of secondary/implementing legislation/regulations/guidelines and in drafting these.

Market Surveillance

To finalise and optimise detailed description of functions of all market surveillance activities the Lithuanian experts have to be assisted. Furthermore, Lithuanian counterpart needs to be advised on organisational structure of market surveillance authority and on the development of market surveillance infrastructure (testing laboratories, inspection bodies).

To implement the developing market surveillance infrastructure for the scope of New Approach and sectoral directives, enforcement bodies have to be supported with theoretical training and assessment of their activities on site. Along with the training, guidelines and procedures for Lithuanian enforcement bodies have to be prepared based on the experience of EU Member States and guidelines on implementation of New Approach directives. For these documents translation and publication is required.

Special attention will be paid to training custom officers in order to assure effective market surveillance system starting at the external boarders.

As well, priority testing laboratories (see Annexes 4 and 5) have to be supported with equipment and training (both locally and in WE testing laboratories) followed with evaluation of procedures applied to establish compliance. Support and advice for the extension of the accreditation scope of the laboratories has to be given in order to complete this system.

Support is needed to finalise development plans on the establishment of injury data-collection and information exchange systems at the National and Community level, and proposals on the establishment of administrative co-operation mechanisms are required.

Conformity assessment

To establish an infrastructure of conformity assessment bodies, i.e. testing laboratories, revision of present capabilities of existing testing laboratories (under New Approach directives and the most important sectoral directives) has to be performed and suggestions on improvement must be given. The selected testing laboratories have to be supported with equipment and advised on extending their scope of accreditation with drafting necessary documents. Moreover, procedures on assessment of compliance of various products should be revised and improved.

Accreditation

Certification

The Lithuanian standards board (LST) has started certification business in 1999. The first quality system certification body LST-Sert was established in 1999. The first certificate was granted to the Lithuanian company "FESTO". LST-Set started the year 2000 with a few applications for certification and searching for new market applications. Moreover, promotion of certification activities is needed among economical operators.

To establish a good understanding of the requirements for EMS (based on ISO 14000), Lead Assessors for the accreditation of certification bodies and Lead Assessors working at certification bodies have to be trained and assisted during the establishment of the certification system. Furthermore, to implement the requirements for the accreditation for the certification of EMS training and support of the staff of LA and external assessors is required (based on ISO 45012). To broaden the availability of Lead Assessors in this field external Assessors (others then LA) have to be trained and implemented in the system.

To implement the developing accreditation system for certification of EMS, certification bodies have to be supported with the establishment of a quality system and assessment performance. Joined assessments are required to support the implementation during the development the national accreditation system for certification of EMS. An overlapping period is required to have direct access to the WE market until LA is signatory of the EA-MLA. The joined assessment is also required to get experience in the field (LA and the bodies). Financial support is required to cover the initial accreditation fees of the EU part of double accreditation.

Support and training for the implementation of certification of EMS in enterprises is required to complete the system. Technical support is required to develop quality systems in the Lithuanian enterprises (based on ISO 14000).

With the implementation of ISO 14000 in the enterprises, translation and publication of EU guidelines for application of the standards used in EMS is required.

Laboratories

To meet the criteria of EA to become signatory of the MLA support is required for the organisation and performance of inter-laboratory comparisons (ILC) for calibration laboratories and proficiency testing (PT) for testing laboratories to demonstrate the technical competence.

Financial support is required for participation of Lithuanian testing laboratories in PT schemes (for the performance and organisation of PT) and transfer standards for inter-laboratory comparisons (equipment).

Metrology

The selected national measurement standards (temperature, flow and volume, time/frequency, resistance and voltage) will be developed and upgraded (equipment needed) and, therefore,

participation in EUROMET intercomparisons will be launched. Costs for intercomparisons will be borne with Lithuanian part as a part of co-financing. Thus, Lithuania will become a full member of the EUROMET and will be able to become a signatory to Multilateral recognition arrangement of national measurement standards and of calibration and measurement certificates issued by national metrology institutes.

As well, traceability and tractability of measurements should be ensured down to the industry, enterprises, calibration and testing laboratories. Calibration equipment is required to support dissemination of traceability to industry as it was not covered by the supply of equipment within the previous two projects. Selection is made on the basis of the needs of industry in fields important to national economy, i.e. oil and food, sectors of measuring instruments, electrical equipment etc.

To complete the system, staff of national standards laboratories will be trained in WE national standards laboratories.

The equipment requested within the project is directly related to ensuring traceability of measurements via recognised calibrations, but no part of equipment is requested for legal metrology purposes.

Economic Operators

Economic operators will be involved in implementing activities through contribution to the Steering Committee, discussions with ministries involved into enforcement, other public bodies. Furthermore, economic operators will participate in various seminars concerning market surveillance, conformity assessment etc. and will be up-dated with the results of activities in metrology, accreditation and certification fields.

4. Institutional Framework

The Ministry of Economy and the Ministry of Public Administration Reform and Local Authorities are setting up the policy in the field of free movement of goods: the Ministry of Economy is in charge of market surveillance, the Ministry of Public Administration Reform and Local Authorities is in charge of standardisation, accreditation and metrology.

In order to co-ordinate the activities of the project, following an on-going inter-ministerial discussion, the Steering Committee (SC) made of the representatives of interested public bodies, chaired by the Vice-Minister of the Ministry of Economy is being set up. Vice-minister of Economy is appointed as the Chairman by the Order of the Minister of Economy. The other officials making up the SC are Vice-minister of Health, Vice-minister of Public Administration Reforms and Local Authorities, Director of Department of Agriculture Development and Food, Deputy Director of Customs Department, Member of Presidency of Manufacturers' Confederation, Chair of National Council of Consumer Protection. As well, the other interested parties, such as public and private organisations, trade and industry along with enforcing bodies will be in constant touch.

5. Budget (in million EUR)

Project Components	Investment Support	Institution Building	Total Phare (= I + IB)	National Co- financing	IFI	TOTAL
Twinning and Training Package		1.25	1.25	0.11 *		1.36
Equipment Procurement: market surveillance, conformity assessment	0.65		0.65	0.35		1.0
Equipment Procurement: Metrology, Accreditation, Certification	0.85		0.85	0.29 **		1.14
TOTAL	1.5	1.25	2.75	0.75	-	3.5

* National co-financing includes office facilities, counterpart staff, training.

** Including participation in inter-laboratory comparisons (e.g. EUROMET).

6. Implementation Arrangements

6.1 Implementing Agency

The CFCU is the Implementing Agency responsible for tendering, contracting and accounting. Responsibility for technical preparation and control will remain with the beneficiary institution, the Ministry of Economy acting as overall co-ordinator of the project.

The PAO will be the Director of the CFCU, Mr Z Pajarskas, Ministry of Finance J. Tumo-Vaizganto 8a, 2600 Vilnius; telephone: +370 2 61 19 32, fax: +370 2 22 53 35 and e-mail: cfcu@takas.lt.

6.2 Twinning

The beneficiary institution is the Ministry of Economy and the following person is the responsible officer for the Project and the main contact point for the various aspects of the twinning: Vilius Šileika (tel. +370 2 62 68 10, fax +370 2 62 59 40, e-mail: kokybe@po.ekm.lt

6.3 Non-standard aspects

DIS rules and procedures will be applied fully. The project has three components: twinning, procurement for market surveillance, conformity assessment and procurement for metrology, accreditation, certification.

6.4 Contracts

There will be three contracts in this project:

Value of Twinning Covenant 1.25 MEUR

Value of procurement for market surveillance, conformity assessment contract: 0.65 MEUR Value of procurement for metrology, accreditation, certification contract: 0.85 MEUR

7. Implementation Schedule

Start of Twinning Arrangements:	2Q/00	Start of Investment Tenders Process:	3Q/01
Start of Twinning Activities:	2Q/01	Signature of Contracts:	4Q/01
Completion of Twinning:	1Q/03	Finalisation of Supplies:	3Q/02

8. Equal Opportunity

Equal opportunity principles and practices in ensuring equitable gender participation in the Project will be guaranteed.

9. Environment

The investment components of this Project all relate to Institution Building activities.

10. Rates of Return

The investment components of this Project all relate to Institution Building activities.

11. Investment Criteria

The investment components of this Project all relate to Institution Building activities.

12. Conditionality and Sequencing

The start of the project should be conditional upon the appointment of a responsible body for market surveillance, plus designation of the Lithuanian counterpart/long-term expert responsible for market surveillance. Equipment procurement is conditional and should be based on the Twinning adviser's needs assessment.

Logframe Matrix

Strengthening Administrative and Technical Capacity	Project Number: LT 0003-01		
to Promote the Free Movement of Goods	Contracting Period Expires: 3Q/2002	Disbursement Period Exp	pires: 3Q/2003
	Total Budget: 3.5 MEUR	Phare Contribution: 2.75	MEUR
Wider Objective	Indicators of Achievement	Information Sources	Assumptions and Risks
Strengthened the administrative, organisational, financial management and technical capacities of the range of horizontal and sectoral agencies and laboratories to adopt and enforce the EC acquis relevant to the free movement of goods, the removal of technical barriers to trade and development of the mutual recognition, in particular with relevance to market surveillance and conformity assessment structures and key sectors identified as priority for Lithuania	Completion of approximation of legislation Participation in the activities of European quality infrastructure institutions Improved quality control Efficient administration and co-operation between public and private sectors	Assessment by MoPARLA, MoE and the Government EU Commission's report Assessment reports	Government commitment to policies continued
Immediate Objectives	Indicators of Achievement	Information Sources	Assumptions and Risks
Completed the process of <u>legal approximation</u> – including preparation of secondary legislation and enforcement guidelines – for priority new approach and sectoral approach directives in accordance with the timetable for approximation and enforcement provided in the NPAA Finalised and optimised strategic document on <u>market surveillance</u> strategy. Finalised preparations for and begun implementation of a market surveillance strategy including strengthening operational, financial, technical and staff capacities of national and sectoral bodies and testing facilities. Proposed agreements as to shared facilities with neighbouring and EU Member States Finalised development plan on <u>conformity assessment</u> , including strengthening operational, financial, technical and staff capacities of national and sectoral bodies and testing facilities. Proposed agreements as to shared facilities with neighbouring and EU Member States Training of staff of national standards and testing laboratories performed in respective WE laboratories. Strengthened <u>National Accreditation Bureau</u> and some certification bodies.	Prepared and adopted legal acts to the Law on Medicine and the Law on Amendments and Supplements to the Law on the Pharmaceutical Activity Established certain national measurement standards and staff trained, two pilot national standards laboratories accredited, participation in EUROMET intercomparisons, full membership at the EUROMET, finalised preparation to become a signatory member to Multilateral Recognition Arrangement (MRA) Certain testing laboratories for market surveillance supported, staff trained. Strengthened National Accreditation Bureau Strengthened certification bodies Some enterprises certified.	Internal development reports EUROMET database Annual assessment reports Project report	Political commitment to implement the strategy Successful start and implementation of the Phare project

Certain national measurement (<u>metrology</u>) standards (see annex 5) and calibration capabilities developed to support industry, calibration and testing laboratories, finalised preparations for full membership of EUROMET and to become a signatory member to MRA Enforced EC directives in the priority spheres of foodstuffs, toys, electrical equipment, construction materials. Strengthened co-operation between public and private sector actors, particularly in relation to Environmental Management Systems			
Outputs	Indicators of Achievement	Information Sources	Assumptions and Risks
 Transposed certain New Approach and sectoral Directives. Strategy on market surveillance finalised and optimised. Enforcement bodies including testing laboratories strengthened. Proposed agreements as to shared testing facilities. Staff of testing laboratories trained in WE laboratories. Development plan for conformity assessment finalised and optimised. Needs for testing laboratories clearly identified. Established efficient co-ordination of surveillance authorities. Improved the assessment of the competence of the certification body. Increased competence of quality systems certification body. Certain national measurement standards established and staff trained in WE national standards laboratories. Metrology infrastructure capable to provide traceability for industry, enterprises, testing and calibration laboratories working in market surveillance EUROMET intercomparisons joined. Finalised preparations to become EUROMET member and to become a signatory to the MRA. 	Established enforcement bodies and procedures – market surveillance, conformity assessment, notification. Strengthened metrology infrastructure, number of intercomparisons joined, number of national measurement standards established, traceability of measurements improved. Training programmes and published material, trained trainers Request to become a EUROMET member issued. Accreditation of two pilot national standards laboratories completed and accreditation certificates issued. Number of staff trained in WE national standards and testing laboratories.	Project progress reports Project evaluation reports EUROMET database Statistic data Manuals and training programmes Accreditation and calibration certificates.	Commitment by Lithuania by making the necessary decisions and implementation Availability of Lithuanian staff
Inputs			
Twinning and Training Package: advise on development and implementa finalising strategy on market surveillance and development plan for confe Equipment procurement	of goods; advice on tudy visits.	Local input (equipment etc.) and necessary staff (of labs) available	

Detailed Implementation Chart for the Project

Year		2000							20	001						2002						2003															
Detailed Project Implementation	0	N	D	J	F	М	А	М	J	J	А	S	0	Ν	D	J	F	М	А	М	J	J	Α	S	0	Ν	D	J	F	N	M	Α	М	J	J	Α	S
Institution Building																																					
Twinning and Training Package																																					
-Launch Twinning request to Member States (June 2000)																																					
-Selection of MS(s) for twinning	Х																																				
-Elaboration of twinning covenant	Х	Х	Х																																		
-Submit Twinning covenant to Commission & Steering Committee for approval				Х	Х	X																															
-Twinning Package commences							Х																														
Finalise market surveillance strategy							Х	Х	Х																												
Implementation market surveillance strategy, institutional strengthening, legal approximation, staff training										Х	х	X	х	Х	X	X	X	X	X	х	X	х	х	х	X	X	X	X	Х	2	K						
Finalise conformity assessment development plan							Х	Х	Х																												
Implementation conformity assessment development plan, institutional strengthening, staff training										X	х	X				X	X	X				х	х	х				X	Х	. 2	K						
Institutional strengthening, legal approximation, staff training LA, LST, SMS, national measurement standards, testing labs, CABs etc.								X	X			X	х			X	X			х	X			х	X			x	Х								
Technical equipment needs review							Х	Х	Х																												
Equipment Procurement																																					
- Tenders Launch										Х																											
- Contracts Signature														Х																							
- Deliver and training															Х	Х	Х	Х	Х	Х	Х																

Cumulative Contracting and Disbursement Schedule for the Project (MEUR)

Strengthening Administrative and Technical Capacity to Promote the Free Movement of Goods

<u>Cumulative Quarterly Contracting Schedule (MEUR)</u>

Project	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	Total
Twinning			1.25	1.25	1.25	1.25	1.25	1.25	1.25				1.25
Procurement					1.5	1.5	1.5	1.5	1.5				1.5
TOTAL			1.25	1.25	2.75	2.75	2.75	2.75	2.75				2.75

Cumulative Quarterly Disbursement Schedule (MEUR)

Project	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	Total
Twinning				1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25
Procurement						1.35	1.35	1.35	1.5	1.5	1.5	1.5	1.5
TOTAL				1.25	1.25	1.6	1.6	1.6	2.75	2.75	2.75	2.75	2.75

Indicative List of Total Equipment Needs for Existing Testing and Calibration Laboratories

Annex 4

No	Name of Testing Laboratory	Acquis	Needs of Financing	
			Phare (kEUR)	Lithuania (kEUR)
		Testing Laboratories		
1.	Testing laboratory of the Certification Centre for Electrical Appliances	73/23/EEC ''Low voltage equipment''	140	60
2.	Testing laboratory for toys	88/378/EEC "Toys"	60	40
3.	Construction materials employment laboratory of The Institute "Termoizoliacija"	89/106/EEC "Construction products"	80	40
4.	Materials research and testing laboratory of the Lithuanian Energy Institute	89/106/EEC "Construction products"	75	25
5.	Testing laboratory for construction materials and products of the joint- stock company "Alzida" Ltd	89/106/EEC "Construction products"	30	10
6.	Composite and finish material laboratory of the Institute Architecture and Construction	89/106/EEC "Construction products"	45	15
7.	Joint-stock company "Testing Centre of Construction"	89/106/EEC "Construction products"	30	10
8.	Testing laboratory for construction materials of the Institute "Termoizoliacija"	89/106/EEC "Construction products"	75	25
9.	Buildings materials and construction laboratory of the KTU	89/106/EEC "Construction products"	75	25
10.	Acoustics testing laboratory of the Institute "Termoizoliacija"	89/106/EEC "Construction products"	60	20
11.	Testing laboratory for Agricultural Machines of the State Machines Testing Station.	98/37/EC "Machinery"	75	25
12.	Complex quality test centre "Labtarna" Ltd	<i>Acquis</i> related with foodstuffs and animal feedingstuffs	130	80
13.	Microbiological laboratory of the Vilnius public health centre	<i>Acquis</i> related with microbiological requirements of foodstuffs and cosmetic products	150	80
14.	Testing laboratory for heating technique of joint-stock company	87/404/EEC "Simple pressure vessels"	60	20
	"Atrama"	90/396/EEC 'Gas appliances"		
		97/23/EEC "Pressure equipment"		
15.	Telecommunication equipment testing laboratory of the State Radio Frequency Service	98/13/EC, 99/5/EC "Telecommunications terminal equipment"	90	30
16.	Electromagnetic compatibility testing laboratory of the State Radio Frequency Service	89/336/EEC ''Electromagnetic compatibility''	90	50
17.	Testing laboratory of the Certification Centre for Electronic Equipment "Sertika"	73/23/EEC "Low voltage equipment" 93/42/EEC "Medical devices"	90	30

Calibration Laboratories							
	C	andration Laboratories					
18.	Testing and verification laboratory	75/33/EEC "Cold water meters"	15	5			
	of the joint-stock company "Atrama"	79/830/EEC "Hot water meters"					
19.	Heat equipment research and testing laboratory of the Lithuanian Energy	71/319/EEC "Meters for liquids other than water"	30	10			
	Institute	71/348/EEC "Ancillary equipment for meters for liquids other than water"					
		77/313/EEC "Measuring systems "for liquids other than water"					
20.	Calibration laboratory of the joint-	75/33/EEC "Cold water meter"	15	5			
	stock company "Katra"	79/830/EEC "Hot water meters"					
21.	Calibration laboratory of the firm Vilniaus dujos" of the Stock company "Lietuvos dujos"	71/318/EEC "Gas meters"	30	10			
22.	Calibration laboratory of the firm "Vilniaus diskas" of the Stock company "Lietuvos energija"	30	10				
Estin	Estimated cost for selected priority sectors650 *350						
Estin	Estimated Total Costs 1475 625						

* Details are Provided in Annex 5.

Investment Needs to be Co-Financed via Phare 2000

Tender Number 1

	Market Surveillance / Conformity Assessment									
No	Title of Activity	Indicative Phare Budget (kEUR)	Indicative Lithuanian Budget (kEUR)							
1	Improving capabilities of two food	280	160							
	testing and drinking water testing:		See Annex 4; items 12, 13							
	A) automatic system for the determination of fat and oil in the grain, feed, oilseeds and other products	(30)								
	B) flame atomic absorption spectrometer	(30)								
	C) automatic system for the determination of cellulose-fiber	(70)								
	D) atomic absorption spectrophotometer	(120)								
	E) microwave sample preparation system	(30)								
2	Establishing toys testing laboratory	60	40							
	A) climatic test chamber		See Annex 4, item 2							
	B) analytical balances									
	C) artificial ear									
	D) material resistance tester									
3	Improving capabilities of testing laboratory for low voltage and EMC:	230	110 Annex 4, items 1, 16							
	A) Dust test chamber		,,,							
	B) Climate chamber									
	C) Permanent climate conditions chamber									
	D) Low pressure chamber									
	E) EMI test receiver									
4	Improving capabilities of testing laboratory for construction materials	80	40 Annex 4, item 3							
	A) measuring instrument for thermoconductivity of thermoinsulated materials									
	Total	650	350							

Tender Number 2

	Accreditation									
No	Title of Activity	Indicative Phare Budget (kEUR)	Indicative Lithuanian Budget (kEUR)							
1	Equipment (transfer standards and reference materials) for intercomparisons:	60	20							
	A) in electricity field – transportable Zener reference									
	B) set of gauge blocks									
	C) set of weights									
	D) reference materials									
2	E) Equipment to support certification bodies	20	10							
	Total	80	30							

	Metrology									
No	Title of Activity	Indicative Phare Budget (kEUR)	Indicative Lithuanian Budget (kEUR) *							
1	Establishing national measurement standards of the volume and flow rate of liquids (water):	60	20							
	A) Measuring equipment for temperature									
	B) Flow pulsation meter									
	C) Reference flow meters									
	D) Air conditioning system									
2	Establishing national measurement standards of volume and flow rate of liquids (oil and oil products):	60	20							
	A) electronic mass comparator									
	B) liquid fuel meter									
	C) volume standards for liquid									
	D) viscosity meters									
	E) Positive displacement meter									
3	Establishing national measurement standard of time/frequency:	100	35							
	A) Cesium standard clock									

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	B) furnace		
	C) cells (silver and copper)		
5	Establishing national measurement standards of voltage and resistance:	130	45
	A) voltage (Josephson) standard with controlling equipment and volume for gas		
	B) voltage scanner		
6	Establishing national measurement standards of resistance	120	40
	A) set of resistors (16 units)		
	B) resistance bridge		
	C) resistance scanner		
	resistor bath		
7	Establishing national standard of electricity (AC):	190	65
	A) AC/DC converter	(90)	
	B) Multicalibrator with switch	(40)	
	C) Null detector	(15)	
	D) Voltmeter	(25)	
	E) Current amplifier and shunts	(20)	
	Total:	770	260

* Note: co-financing will cover supply and installation of equipment, environment condition control systems, parameter monitoring systems, as well as salaries and participation in inter-laboratory comparison on the level of national standards (e.g. EUROMET)

The National Programme for the Adoption of the Acquis – Dates of Transposition and of Enforcement of the New Approach Directives

Annex 6

The NPAA	(May	1999)	foresees t	he appro	ximation	and e	enforcement	of ke	y acquis	as follows:
	\			11						

New Approach Directives	Responsible institution	Date of Adoption of National Law	Date of Entry into Force
73/23/EEC amendment 93/68/EEC "Low voltage equipment"	Ministry of Economy	Decree of Minister of Economy and Director of Lithuanian Standards Board No. 351/61 of 19 10 1999	30 03 2001
87/404/EEC amendment 90/488/EEC and 93/68/EEC "Simple pressure vessels"	Ministry of Economy	Decree of Minister of Economy No. 439 of 30 12 1998	30 06 2000
88/378/EEC amendment 93/68/EEC "Toys"	Ministry of Economy	30 12 1999	30 03 2003
89/106/EEC amendment 93/68/EEC "Construction products"	Ministry of Environment	30 03 2000	30 12 2000
89/336/EEC amendment 92/31/EEC and 93/68/EEC "Electromagnetic compatibility"	Ministry of Public Administration Reforms and Local Authorities	30 09 2000	30 03 2002
98/ 37/EC "Machinery"	Ministry of Social Security and Labour Protection	30 09 2000	30 03 2002
89/686/EEC amendment 93/68/EEC, 93/95/EEC and 96/58/EC "Personal protective equipment"	Ministry of Social Security and Labour Protection	Decree of Ministers of Social Security and Labour Protection and of Economy No. 122/261 of 17 07 1998	01 01 1999
90/384/EEC amendment 93/68/EEC	State Metrology Office	30 12 1999	30 06 2001
"Non-automatic weighing instruments"			
90/385/EEC amendment 93/42/EEC and 93/68/EEC	Ministry of Health Care	30 12 2000	30 12 2001
"Active implantable medical devices"			
90/396/EEC amendment 93/68/EEC "Gas appliances"	Ministry of Economy	30 03 2000.	30 06 2002
92/42/EEC amendment 93/68/EEC	Ministry of Economy	30 09 2000	30 12 2001
"Hot water boilers"			
93/15/EEC "Civil explosives"	Ministry of Social Security and Labour Protection	30 09 2000	30 03 2002
93/42/EEC amendment 98/79/EC "Medical devices"	Ministry of Health Care	30 03 2000	30 12 2001
94/9/EC "Potentially explosive atmosphere"	Ministry of Economy	Decree of Minister of Economy No. 438 of 30 12 1998	30 06 2003

94/25/EC "Recreational craft"	Ministry of Transport and Communication	30 09 2000	30 12 2001
95/16/EC "Lifts"	Ministry of Social Security and Labour Protection	30 09 2000	30 03 2001
96/57/EC "Refrigeration appliances"	Ministry of Economy	30 09 2000	30 06 2001
97/23/EC "Pressure equipment"	Ministry of Economy	30 06 2000	30 09 2002
98/13/EC amendment 99/5/EC "Telecommunications terminal equipment"	Ministry of Transport and Communication	30 12 2002	30 12 2003
98/79/EC "In vitro diagnostic medical devices"	Ministry of Health Care	30 12 2001	30 03 2002
96/98/EC amendment 98/85/EC "Marine equipment"	Ministry of Transport and Communication	30 12 2002	30 03 2005

Testing Laboratories Where Establishment is Under Consideration

Annex 7

No.	Name of Testing Laboratory	Acquis	Responsible Institution	
1.	Testing laboratory for mechanical and physical properties of toys	88/378/EEC "Toys"	Ministry of Economy	
2.	Testing laboratory for vibration and noise in machinery	98/37/EC "Machinery"	Ministry of Economy	
3.	Testing laboratory for materials flammability and smoke generation	 98/37/EC 'Machinery" 89/106 EEC "Construction product" 88/378/EEC "Toys" 73/23/EEC "Low voltage equipment" 	Ministry of Environment Ministry of Economy	
		90/396/EEC "Gas appliances"		
4.	Testing laboratory for mechanical and physical properties of metals	87/404/EEC "Simple pressure vessels" 97/23/EC "Pressure equipment"	Ministry of Economy	
5.	Testing laboratory for mechanical and dynamic properties of machinery	98/37/EC "Machinery"	Ministry of Economy	
6.	Testing laboratory for pressure vessels	 87/404/EEC "Simple pressure vessels" 97/23/EC "Pressure equipment" 84/527/EEC "Welded unalloyed steel gas cylinder" 	Ministry of Economy	
7.	Testing laboratory for the quantitative analysis of textile fibre mixtures	96/73/EEC and 73/44/EEC "Methods for the quantitative analysis of textile fibre mixtures"	Ministry of Economy	
8.	Testing laboratory for the analytical methods of biodegradability of non-ionic surfactants	73/404/EEC "Detergents"73/405/EEC "Testing methods of biodegradability of non-ionic surfactants"	Ministry of Economy	
9.	Testing laboratory for fertilisers	 76/116/EEC 'Fertilisers" 77/535/EEC "Methods of sampling and analysis of fertilisers" 80/876/EEC "Straight ammonium nitrate fertilisers" 	Ministry of Economy	
10.	Testing laboratories for checking net quantity in pre- packages	 75/106/EEC "Volume of certain pre-packaged products" 75/107/EEC "Bottles used as measuring containers" 76/211/EEC "Weight or volume of certain pre-packaged products" 80/232/EEC "Ranges of nominal quantities and nominal capacities permitted for certain pre-packaged products" 	State Metrology Service	

These laboratories are considered for establishment in Lithuania, for which financing needs for technical operation are estimated at approximately 2.5 MEUR.