

Eiropas Savienības 6-ā letvara programma pētniecībā un tehnoloģiju attīstībā  
Latvijas Nacionālā kontaktpunkta grupas



- Viss par aktuālo zinātnes un tehnoloģiju attīstībā Eiropas Savienībā ir atrodams INTERNETā - [www.cordis.lu](http://www.cordis.lu)
- 5.letvara programmas sekmīgie projekti INTERNETā - [http://dbs.cordis.lu/fep/FP5/FP5\\_PROJL\\_search.html](http://dbs.cordis.lu/fep/FP5/FP5_PROJL_search.html)
- Viss par 6.letvara programmu (6-IP) meklējams INTERNETā – [www.cordis.lu/fp6/](http://www.cordis.lu/fp6/)
- 6.letvara programmas interešu pieteikumu (Eol) analīze INTERNETā - <http://www.cordis.lu/fp6/eoi-analysis.htm>
- Viss par ES atrodams [www.europa.eu.int/](http://www.europa.eu.int/) vai [www.eurunion.org/infores/](http://www.eurunion.org/infores/)
- Nacionālais kontaktpunkts (NKP) atrodams Šķūņu ielā 4, Rīgā, tel. 7229727, 9498659
- Nacionālā kontaktpunkta mājas lapa INTERNETā - <http://www.zinatne.lv>  
Mājas lapa tapusi un tiek uzturēta ar LATNET ([www.latnet.lv](http://www.latnet.lv)) atbalstu

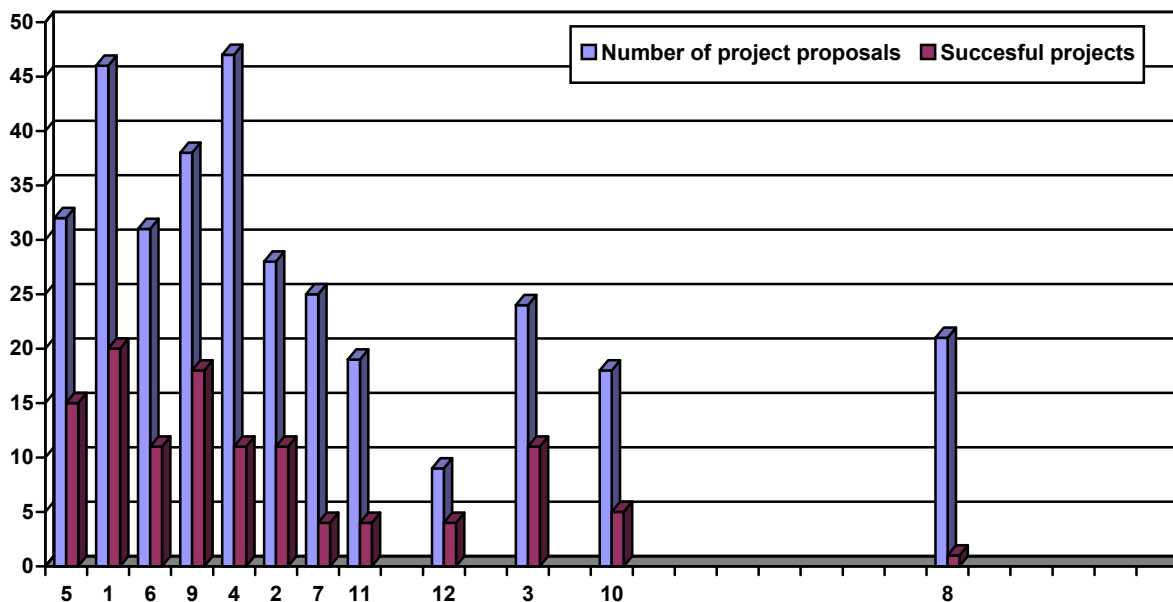
### 1. Šī brīža aktualitāte

Latvijas zinātne beidzot ir saņēmusi pirmos signālus, ka nacionālā līmenī var sākties procesi, kuri jau kopš 2000.gada ir iezīmēti Eiropas Savienībā Lisabonas Stratēģijas ietvaros. Politikas grūtgalvjiem un viņu padomniekiem Latvijā bija vajadzīgi gandrīz 5 gadi, lai elementārā līmenī saprastu Lisabonas procesa būtību un nopietnību. Tagad šī izpratne parādās kā bāzes finansējums zinātnes institūtiem un finansiāls atbalsts studentu treniņam zinātniskā darbā.

Turpretī Latvijas zinātnes un tehnoloģiju saime savā praktiskā darbībā jau kopš 1999.gada līdz ar līdzdalību ES Piektajā letvara programmā ir parādījusi savu motivāciju un gatavību atkal sasniegt ES patreizējo vidējo līmeni gan kvantitatē, gan kvalitātē, t.i. sasniegt tos nacionālo zinātni un nācības kapacitāti raksturojošos rādītājus, kādi Latvijai bija 1989.-1990.gadā. Tajā laikā zinātnē strādājošo skaits tuvojās 30 000, zinātnes finansējums no nacionālā kopprodukta sasniedza 2 procentus un stipru zinātnisko institūtu kopskaits bija tuvu 20.

Teiktajam apliecinājums ir diagramma, kura uzskatāmi rāda 12 patreiz nosacīti labāko Latvijas zinātnes institūtu līdzdalību sacensībā par grantiem no ES 5-ās un 6-ās letvara programmas finansējuma piedaloties projektu pieteikumos godīgā ES līmeņa konkurencē (kur vinnē tikai katrs 4-5 projekta pieteikums un neko nevar palīdzēt radagabals Saeimā, vai ES parlamentā), sacensībā uz vienādiem spēles noteikumiem ar labi apmaksātiem kolēģiem lielajos zinātnes centros rietumu zemēs un praktiski bez finansējuma no valsts savā zemē. Kopā uz šo brīdi mūsu statistika rāda, aktīvi šajā procesā ir vismaz 30 zinātnes institūti, vai veidojumi, kuri atbilst priekšstatiem par zinātnisku institūtu. Diagrammā ir attiecīgas vietas, bet šajā izdevumā trūkst vietas to uzskaitījumam. Tuvākā laikā mēs publicēsim kopsavilkumu mūsu INTERNETa mājas lapā.

1. *Institute of Solid State Physics, University of Latvia*
2. *Institute of Atomic Physics and Spectroscopy, University of Latvia*
3. *Institute of Physics, University of Latvia*
4. *Latvian State Institute of Wood Chemistry*
5. *Institute of Materials and Structures, Riga Technical University*



6. Biomedical Research and Study Centre, University of Latvia
7. Institute of Polymer Mechanics, University of Latvia
8. Latvian Institute of Organic Synthesis
9. Institute of Mathematics and Computer Sciences, University of Latvia
10. Institute of Aquatic Ecology, University of Latvia
11. Institute of Inorganic Chemistry, Riga Technical University
12. Institute of Electronics and Computer Sciences

Šī diagramma uzskatāmi rāda, ka Latvijas zinātnei ir vajadzīga tiesiski loģiska, saimnieciski caurskatāma un administratīvi vienkārša shēma, kurā šeit minētie un arī citi institūti varētu sekmīgi augt un nodrošināt vietu radošai darbībai jau tuvākos gados vismaz 15 tūkstošiem augsti kvalificētiem zinātnes profesionāļiem patreizējo 5000 vietā. Tas ir vajadzīgs tautsaimniecībai un tas ir vajadzīgs augstskolām studentu treniņam zinātniskā darbā. Tam ir vajadzīga valstiska domāšana un atbildība par savas zemes nākotni un nopietna diskusija. Dažu augstskolu administratoru ātrās un īsredzīgi paustās idejas paturēt visus institūtus zem vienas juridiskas personas jumta un patreizējās valsts profesūras uzraudzībā, teiktā kontekstā, izraisa neizpratni un šaubas par patiesi demokrātisku lēmumu pieņemšanas procesu augstākās izglītības sistēmā.

Dr.Phys. Arnolds Ūbelis, 6.IP Nacionālais kontaktpunkts, e-mail: [arnolds@latnet.lv](mailto:arnolds@latnet.lv)

## 2. Vēstis un atgādinājumi par aktuālo 6.IP tematiskās un horizontālās aktivitātēs

### 2.1. LIFE SCIENCES, GENOMICS AND BIOTECHNOLOGY FOR HEALTH (BIOTECHHEALTH)

Izsludināti pēdējie projektu pieteikumu konkursi – FP6-2005-LIFESCIHEALTH-6, FP6-2005-LIFESCIHEALTH-7. Projektu iesniegšanas termiņš – **2005. gada 9. novembris.**

#### FP6-2005-LIFESCIHEALTH-6

| Topic Reference   | Topic  | Instrument |
|---|--|------------|
| <b>j) Advanced genomics and its applications for health</b>   |  |            |
| <b>a) Fundamental knowledge and basic tools for functional genomics in all organisms</b>                              |  |            |
| <b>Gene expression and proteomics</b>   |  |            |
| LSH-2005-1.1.1-1  | A systems approach to understanding the regulation of gene transcription   | IP         |
| <b>Structural genomics</b>  |  |            |
| LSH-2005-1.1.2-1  | Structural genomics interdisciplinary initiative   | IP         |
| <b>Comparative genomics and population genetics</b>   |  |            |
| LSH-2005-1.1.3-1  | Functional genomics in <i>Arabidopsis thaliana</i>   | IP         |
| LSH-2005-1.1.3-2  | High throughput phenotyping tools and approaches for large scale functional genomics studies                             | IP         |
| LSH-2005-1.1.3-3  | Population cohorts for molecular epidemiological studies in European and other populations                               | IP         |
| <b>Bioinformatics</b>   |  |            |
| <b>Multidisciplinary functional genomics approaches to basic biological processes</b>                                 |  |            |
| LSH-2005-1.1.5-1  | Functional genomics of autosomal aneuploid syndromes   | IP         |
| LSH-2005-1.1.5-2  | The biological role of small regulatory RNAs   | IP         |
| <b>Across the area</b>  |  |            |
| LSH-2005-1.1.0-1  | Co-ordination Actions in functional genomics research  | CA         |
| LSH-2005-1.1.0-2  | Specific Support Actions (workshops, conferences, training activities, or publications) with link to functional genomics | SSA        |
| <b>b) Application of knowledge and technologies in the field of genomics and biotechnology for health</b>             |  |            |
| <b>Rational and accelerated development of new, safer, more effective drugs including pharmacogenomics approaches</b> |  |            |
| LSH-2005-1.2.1-1  | Marker profiling as a new tool for predictive toxicology   | IP         |
| LSH-2005-1.2.1-2  | New tools to investigate ADME properties of drugs involving a carrier system   | STREP      |
| <b>Development of new diagnostics</b>   |  |            |
| LSH-2005-1.2.2-1  | High throughput molecular diagnostics for hereditary diseases  | IP         |
| LSH-2005-1.2.2-2  | Development of innovative methods for diagnosis of nervous system disorders  | STREP      |

|  |   |       |
|--|---|-------|
| LSH-2005-1.2.2-3   | Nanoparticles-based diagnostics   | STREP |
| <b>Development of new in vitro tests to replace animal experimentation</b>   |   |       |
| LSH-2005-1.2.3-1   | Predictive in vitro testing strategies for human exposure to chemicals  | IP    |
| LSH-2005-1.2.3-2   | Workshop on business opportunities for in vitro pharmaceutical toxicology   | SSA   |
| LSH-2005-1.2.3-3   | Forum for researchers and regulators to meet manufacturers of toxicology test methods   | SSA   |
| <b>Development and testing of new preventive and therapeutic tools, such as somatic gene and cell therapies (in particular stem cell therapies, for example those on neurological and neuromuscular disorders) and immunotherapies</b> |   |       |
| LSH-2005-1.2.4-1   | Tissue engineering approaches to treating children with birth defects   | IP    |
| LSH-2005-1.2.4-2   | Hepatitis C vaccine   | IP    |
| LSH-2005-1.2.4-3   | Stem cell therapy for stroke patients   | STREP |
| LSH-2005-1.2.4-4   | Methodological research to underpin stem cell banking   | STREP |
| LSH-2005-1.2.4-5   | Understanding monogenic rare diseases using insight from stem cell lines  | STREP |
| LSH-2005-1.2.4-6   | Use of baculovirus as a vector in gene therapy (especially orientated towards small and medium sized companies)   | STREP |
| <b>Innovative research in post-genomics, which has high potential for application</b>  |   |       |
| LSH-2005-1.2.5-1   | Application of post-genomics to xenotransplantation research  | IP    |
| LSH-2005-1.2.5-2   | Post-genomic approaches exploiting aquatic molecular biodiversity for biomedical applications   | IP    |
| LSH-2005-1.2.5-3   | Use of cell lines to define new bioassays for the identification of therapeutic biomolecules (especially targeted for small and medium sized companies) | STREP |
| <b>ii) Combating major diseases</b>  |   |       |
| <b>a) Application-orientated genomic approaches to medical knowledge and technologies</b>  |   |       |
| <b>General</b>   |   |       |
| LSH-2005-2.1.0-1   | Genetic control of the pathogenesis of diseases based on iron metabolism  | STREP |
| <b>Combating, cardiovascular disease, diabetes and rare diseases</b>   |   |       |
| LSH-2005-2.1.1-1   | Genome-wide mapping and functional genomics of susceptibility to coronary artery disease  | IP    |
| LSH-2005-2.1.1-2   | Hypertension and cardiovascular disease   | NoE   |
| LSH-2005-2.1.1-3   | Molecular, genomic and applied genomic studies for the prevention of accelerated cardiovascular death in uraemia and end-stage renal disease            | STREP |
| LSH-2005-2.1.1-4   | Functional genomics and regulatory networks in lipid metabolism and their effects on the development of atherogenic vascular disease                    | STREP |
| LSH-2005-2.1.1-5   | Gene-environment interaction on the incidence of type 2 diabetes  | IP    |
| LSH-2005-2.1.1-6   | Molecular pathways underlying decreased beta cell mass in diabetes mellitus   | STREP |
| LSH-2005-2.1.1-7   | Rare inherited neuromuscular disorders: from molecular basis to cutting edge therapies  | NoE   |
| LSH-2005-2.1.1-8   | Rare disorders of protein folding   | STREP |
| LSH-2005-2.1.1-9   | Rare diseases of connective tissues affecting bone and/or cartilage   | STREP |
| <b>Combating resistance to antibiotics and other drugs</b>   |   |       |
| LSH-2005-2.1.2-1   | Control of antimicrobial resistance in hospital acquired and other health care associated infections  | IP    |
| LSH-2005-2.1.2-2   | Molecular ecology of antibiotic drug resistance   | STREP |
| LSH-2005-2.1.2-3   | Workshop exploring novel opportunities towards the develop. of vaccines that will have a significant impact on the control of anti-bacterial resistance | SSA   |
| <b>Studying the brain and combating diseases of the nervous system</b>   |   |       |
| LSH-2005-2.1.3-1   | Neuroimaging: "Bridging genetics and neural function"   | IP    |
| LSH-2005-2.1.3-2   | Functional genomics and neurobiology of epilepsy  | IP    |
| LSH-2005-2.1.3-3   | Cortical information processing   | STREP |

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|---|--|--------|
| LSH-2005-2.1.3-4  | Schizophrenia: from genotype to phenotype  | STREP  |
| LSH-2005-2.1.3-5  | Initiative in neuroinformatics   | SSA    |
| <b>Studying human development and the ageing process</b>                |  |        |
| LSH-2005-2.1.4-1  | Integration of research in development and ageing  | NoE    |
| LSH-2005-2.1.4-2  | Attracting researchers to ageing research  | SSA    |
| <b>b) Combating cancer</b>  |  |        |
| LSH-2005-2.2.0-1  | Broadening the knowledge base on the molecular mechanisms underlying chemotherapy resistance, therapeutic escape, efficacy and toxicity  | IP     |
| LSH-2005-2.2.0-2  | Modulation of apoptosis in cancer prevention and therapy   | STREP  |
| LSH-2005-2.2.0-3  | Innovative diagnostic approaches and novel therapies of childhood cancers  | STREP  |
| LSH-2005-2.2.0-4  | Innovative research on palliative care in patients with advanced stages of cancer  | STREP  |
| LSH-2005-2.2.0-5  | Exploring the patient's cancer stem cell as a novel therapeutic target   | STREP  |
| LSH-2005-2.2.0-6  | Conference on cell differentiation, plasticity and cancer  | SSA    |
| <b>c) Confronting the major communicable diseases linked to poverty</b> |  |        |
| LSH-2005-2.3.0-1  | HIV/AIDS therapeutic clinical trials network   | NoE    |
| LSH-2005-2.3.0-2  | HIV/AIDS vaccines/microbicides network   | NoE    |
| LSH-2005-2.3.0-3  | Rational design of malaria vaccine   | IP     |
| LSH-2005-2.3.0-4  | New approaches for research into host/vector-pathogen interaction for HIV/AIDS, malaria and tuberculosis   | STREP  |
| LSH-2005-2.3.0-5  | Undesirable consequences of drugs and vaccines for poverty-related diseases  | STREP  |
| LSH-2005-2.3.0-6  | Integration and coordination of European clinical research on poverty-related diseases   | SSA/CA |
| LSH-2005-2.3.0-7  | Promotion of poverty-related diseases research   | SSA/CA |
| LSH-2005-2.3.0-8  | European network for vaccine development covering the three diseases   | SSA/CA |
| LSH-2005-2.3.0-9  | Improving participation of the private sector in poverty-related diseases research   | SSA/CA |
| <b>SSAs across Thematic Priority 1</b>                                  |  |        |
| LSH-2005-3-1  | Promoting collaboration between SMEs and academia  | SSA    |
| LSH-2005-3-2  | Stimulating international co-operation   | SSA    |
| LSH-2005-3-3  | Promotion of co-operation with Associated Candidate Countries (ACC)  | SSA    |
| LSH-2005-3-4  | Realising ERA objectives   | SSA    |
| LSH-2005-3-5  | Life sciences and biotechnology – a strategy for Europe  | SSA    |
| LSH-2005-3-6  | Supporting policy development  | SSA    |
| LSH-2005-3-7  | Scientific and project management  | SSA    |
| LSH-2005-3-8  | Mapping and identifying recent and current European research efforts and contributions from Framework Programmes in the context of the European Community's Public Health Programme, in the fields of health information, health threats and health determinants, with particular regard to mental health, reducing health risks, and preventing major as well as specific diseases. | SSA    |
| LSH-2005-3-9  | Mapping and identifying recent and current European health research efforts and contributions from Framework Programmes in the context of the European Environment and Health Action Plan, in the fields of gene-environment interactions, respiratory diseases, neuro-developmental disorders, cardiovascular diseases and cancers, with particular regard to children's health.    | SSA    |
| LSH-2005-3-10   | European human embryonic stem cell registry.   | SSA    |
| LSH-2005-3-11   | Life Sciences research project public funding database.  | SSA    |
| LSH-2005-3-12   | Strengthening vaccine research in Europe.  | SSA    |

**FP6-2005-LIFESCIHEALTH-7 – STREPs dedicated to SMEs**

| <b>Topic Reference</b>  | <b>Topic</b>  | <b>Instrument</b> |
|---|---|-------------------|
| <b><i>j) Advanced genomics and its applications for health</i></b>  |   |                   |
| <b><i>a) Fundamental knowledge and basic tools for functional genomics in all organisms</i></b>   |   |                   |
| <b><i>Across the area</i></b>   |   |                   |
| LSH-2005-1.1.0-3  | Development of tools and technologies for functional genomics (proteomics, gene expression, structural genomics, comparative genomics, population genetics, bioinformatics etc)   | STREP             |
| <b><i>b) Application of knowledge and technologies in the field of genomics and biotechnology for health</i></b>  |   |                   |
| <b><i>Rational and accelerated development of new, safer, more effective drugs including pharmacogenomics approaches</i></b>  |   |                   |
| LSH-2005-1.2.1-3  | Rational and accelerated development of new, safer, more effective drugs including pharmacogenomics approaches  | STREP             |
| <b><i>Development of new diagnostics</i></b>  |   |                   |
| LSH-2005-1.2.2-4  | Development of new diagnostics  | STREP             |
| <b><i>Development of new in vitro tests to replace animal experimentation</i></b>   |   |                   |
| LSH-2005-1.2.3-4  | Development of new in vitro tests to replace animal experimentation   | STREP             |
| <b><i>Development and testing of new preventive and therapeutic tools, such as somatic gene and cell therapies (in particular stem cell therapies, for example those on neurological and neuromuscular disorders) and immunotherapies</i></b> |   |                   |
| LSH-2005-1.2.4-7  | Development and testing of new preventive and therapeutic tools, such as somatic gene and cell therapies (in particular stem cell therapies, for example those on neurological and neuromuscular disorders) and immunotherapies | STREP             |
| <b><i>Innovative research in post-genomics, which has high potential for application</i></b>  |   |                   |
| LSH-2005-1.2.5-4  | Innovative research in post-genomics, which has high potential for application  | STREP             |
| <b><i>ii) Combating major diseases</i></b>  |   |                   |
| <b><i>a) Application-orientated genomic approaches to medical knowledge and technologies</i></b>  |   |                   |
| <b><i>Combating, cardiovascular disease, diabetes and rare diseases</i></b>   |   |                   |
| LSH-2005-2.1.1-10   | Research on cardiovascular disease with strong SME involvement  | STREP             |
| LSH-2005-2.1.1-11   | Development of preventive and therapeutic strategies for Type 1 diabetes with strong SME involvement  | STREP             |
| LSH-2005-2.1.1-12   | Development of in vitro and/or animal models for rare diseases  | STREP             |
| <b><i>Combating resistance to antibiotics and other drugs</i></b>   |   |                   |
| LSH-2005-2.1.2-4  | Development of new diagnostic tests for the management and control of antimicrobial resistance  | STREP             |
| LSH-2005-2.1.2-5  | Development of novel principles for anti-microbial treatment  | STREP             |
| <b><i>Studying the brain and combating diseases of the nervous system</i></b>   |   |                   |
| LSH-2005-2.1.3-6  | Neuroscience-oriented new technologies  | STREP             |
| LSH-2005-2.1.3-7  | Characterisation and use of animal models for neurological and psychiatric diseases   | STREP             |
| LSH-2005-2.1.3-8  | Early markers and new targets for neurodegenerative diseases  | STREP             |
| LSH-2005-2.1.3-9  | Perinatal brain damage: early markers and neuroprotection   | STREP             |
| <b><i>Studying human development and the ageing process</i></b>   |   |                   |
| LSH-2005-2.1.4-3  | Understanding the responsiveness of elderly people towards vaccination and infectious diseases  | STREP             |
| <b><i>b) Combating cancer</i></b>   |   |                   |
| LSH-2005-2.2.0-7  | Innovative technological approaches for cancer therapy  | STREP             |
| LSH-2005-2.2.0-8  | Small-ligand libraries: improved tools for exploration and prospective anti-tumor therapy   | STREP             |

|   |  |       |
|---|--|-------|
| LSH-2005-2.2.0-9  | Improving resolution of current imaging devices relevant to cancer diagnosis and therapy                       | STREP |
| <b>c) Confronting the major communicable diseases linked to poverty</b> |  |       |
| LSH-2005-2.3.0-10   | SME-driven innovations for poverty-related diseases  | STREP |
| LSH-2005-2.3.0-11   | Development of fast tests for diagnosis of poverty-related diseases suitable for use in resource-poor settings | STREP |
| LSH-2005-2.3.0-12   | Innovative delivery mechanism for treatment and depot therapy in poverty-related diseases                      | STREP |

Informācija par finansētajiem projektiem [www.cordis.lu/lifescihealth/home.html](http://www.cordis.lu/lifescihealth/home.html) (1st call funded projects , deadline 25/03/2003) - [Project fact sheets](#).

29.novembrī Lillē (Francijā) notiks pasākums "European Biotech crossroads", mērķa auditorija – mazie, vidējie uzņēmumi, sīkāka informācija: <http://www.eurotransbio.net>

NKP: Dr. Dace Tirzīte – [tirzite@latnet.lv](mailto:tirzite@latnet.lv) tel. 7229727, ES info: [www.cordis.lu/fp6/lifescihealth.htm](http://www.cordis.lu/fp6/lifescihealth.htm)

## 2.2. INFORMATION SOCIETY TECHNOLOGIES (IST)

### I. Projektu konkursi:

Uzmanību, jauns konkurss: Identifier: [FP6-2005-IST-41] **Publication date:** 19 October 2005 **Budget:** € 52,5 million **Closing Date(s):** 20 December 2005 at 17h00 (Brussels local time)

| Activity Code   | Areas addressed                                    | Applicable instruments |
|-----------------|--|------------------------|
| IST             | Information Society Technologies                   |                        |
| IST-2           | Communication, computing and software technologies |                        |
| IST-2.1         | Communication and network technologies             |                        |
| IST-2.1.3       | Enabling technologies for personalised access      |                        |
| IST-2005-2.41.6 | Networked Audio Visual Systems and Home Platforms  | IP, NoE                |

- Enterprise and Industry - Calls for proposals 2005 "Dissemination of good e-Business Practices and provision of specific advice"- Grant Programme 2005. Tuvāka info: [http://europa.eu.int/comm/enterprise/funding/grants/themes\\_2005/calls\\_prop\\_2005.htm#19](http://europa.eu.int/comm/enterprise/funding/grants/themes_2005/calls_prop_2005.htm#19).

### III. Konferences

Konference un partneru meklēšanas (brokerēšanas) pasākums decembrī Varšavā "ATVN-EU-GP Conference, 1-3 December 2005"

Iespē ja izvirzīt savu vai kolēģa a sekmīgo IST projektu konkursam par labāko jaunās dalībvalsts koordinēto pētniecības projektu "ATVN-EU-GP Open Contest of "Best Practice Projects"

Info: <http://www.ideal-ist.lv/LV/pasakumi.htm>

NKP: Dina Bērziņa – [dinab@latnet.lv](mailto:dinab@latnet.lv), tel. 7229727, ES info: <http://www.cordis.lu/fp6/ist.htm>

## 2.3. NANOTECHNOLOGIES AND NANOSCIENCES, (NANOMATPRO)

NKP: Dr. Vismants Zauls – [vism@latnet.lv](mailto:vism@latnet.lv), tel. 7260803, ES info: [www.cordis.lu/fp6/nmp.htm](http://www.cordis.lu/fp6/nmp.htm)

## 2.4. AERONAUTICS AND SPACE

Uzmanību, aizvien vēl spēkā: Thematic call in the area of "Aeronautics Specific Support Actions"

Identifier: [FP6-2002-Aero-2] **Publication date:** 17 December 2002 **Budget:**

€ 7 million **Closing Date(s):** The final closure date will be in March 2006.

| Activity Code | Areas addressed  | Instr. |
|---------------|--|--------|
| AERO          | Aeronautics and space  |        |
| AERO-1        | Aeronautics  |        |
| AERO-1.1      | <a href="#">Strengthening competitiveness</a>  | SSA    |
| AERO-1.2      | <a href="#">Improving environmental impact with regard to emissions and noise</a>      | SSA    |
| AERO-1.3      | <a href="#">Improving aircraft safety and security</a>                                 | SSA    |
| AERO-1.4      | <a href="#">Increasing operational capacity and safety of the air transport system</a> | SSA    |

NKP: Kaspars Skalbergs – [Kaspars.Skalbergs@tdf.lv](mailto:Kaspars.Skalbergs@tdf.lv), tel. 9455700, ES info: <http://www.cordis.lu/fp6/aerospace.htm>

## 2.5. FOOD QUALITY

Pēdējais projektu konkurss:

FP6-2004-Food-3C – SSA, iesniegšanas termiņš **2006. gada 8.februāris**

Dānijā 2006.gad 30.-31.maijā notiks kongress par bioloģiskās lauksaimniecība jautājumiem. Informācija:  
<http://www.okologi-kongres.dk/uk/>

Dažu finansēto projektu mājas lapas:

“Global allergy and asthma European network” <http://www.ga2len.net>

“Seafood for health and well-being” <http://www.seafoodplus.org/news/news040105.htm>

“QualityLowInputFood” <http://www.qlif.org/Library/info/info1.html>

“Animal science in Central and Eastern European countries” <http://www.animal-science.net>

“Chemicals as contaminants in the food chain” <http://www.cascadenet.org>

“New strategies to improve grain legumes for food and feed” <http://www.eugrainlegumes.org>

“Network for prevention and control of zoonoses” <http://www.medvetnet.org>

“Diet , genomics and the metabolic syndromes” <http://www.LipGene.tcd.ie>

NKP: Dr. Dace Tirzīte – [tirzite@latnet.lv](mailto:tirzite@latnet.lv) , tel. 7229727; ES info: [www.cordis.lu/fp6/food.htm](http://www.cordis.lu/fp6/food.htm)

## 2.6. SUSTAINABLE DEVELOPMENT, GLOBAL CHANGE AND ECOSYSTEMS (ECOTECH)

### JAUNS UZSAUKUMS ENERĢIJAS JOMĀ!

**FP6-2005-ENERGY- 4. Ceturtais uzsaukums 22.09.2005; iesniegšanas termiņš: 10.01.2006. Info:**

[http://fp6.cordis.lu/index.cfm?fuseaction=UserSite.FP6DetailsCallPage&call\\_id=236](http://fp6.cordis.lu/index.cfm?fuseaction=UserSite.FP6DetailsCallPage&call_id=236)

| Activity Code | Areas addressed   | Applicable instruments |
|---------------|---|------------------------|
| SUSTDEV       | <b>Sustainable development, global change and ecosystems</b>  |                        |
| SUSTDEV-1     | <a href="#">Sustainable Energy Systems</a>  |                        |
| SUSTDEV-1.2   | <a href="#">Research activities having an impact in the medium and longer term</a>                      |                        |
| SUSTDEV-1.2.1 | <a href="#">Fuel cells and their applications</a>   | STREP,CA,SSA           |
| SUSTDEV-1.2.2 | <a href="#">New technologies for energy carriers - Hydrogen</a>   | STREP, SSA             |
| SUSTDEV-1.2.3 | <a href="#">New technologies for energy carriers - Electricity</a>                                      | SSA                    |
| SUSTDEV-1.2.4 | <a href="#">New and advanced concepts in renewable energy technologies - PV</a>                         | STREP, CA              |
| SUSTDEV-1.2.5 | <a href="#">New and advanced concepts in renewable energy technologies - Biomass</a>                    | IP,STREP,SSA           |
| SUSTDEV-1.2.7 | <a href="#">Capture and sequestration of CO<sub>2</sub>, associated with cleaner fossil fuel plants</a> | STREP, CA<br>SSA       |

### UZSAUKUMS TRANSPORTA JOMĀ!

**FP6-2002-Transport-2.** Iesniegšanas termiņš 03.2006.

[http://fp6.cordis.lu/index.cfm?fuseaction=UserSite.FP6DetailsCallPage&call\\_id=21#](http://fp6.cordis.lu/index.cfm?fuseaction=UserSite.FP6DetailsCallPage&call_id=21#)

| Activity Code           | Areas addressed  | Applicable instruments |
|-------------------------|--|------------------------|
| SUSTDEV                 | <b>Sustainable development, global change and ecosystems</b>                                 |                        |
| SUSTDEV-2               | Sustainable surface transport  |                        |
| SUSTDEV-2.1             | Developing environmentally friendly and competitive transport systems and means of transport | SSA                    |
| SUSTDEV-2.1.1           | New technologies and concepts for all surface transport modes (Road, Rail and Waterborne)    | SSA                    |
| SUSTDEV-2002-3.1.2.1.4  | <a href="#">Propulsion based on alternative and renewable fuels</a>                          | SSA                    |
| SUSTDEV-2002-3.1.2.1.5  | <a href="#">Development of zero or near-zero emission propulsion</a>                         | SSA                    |
| SUSTDEV-2002-3.1.2.1.6  | <a href="#">Development of holistic noise abatement solutions</a>                            | SSA                    |
| SUSTDEV-2002-3.1.2.1.7  | <a href="#">Integration and validation of measurement and sensing technologies</a>           | SSA                    |
| SUSTDEV-2002-3.1.2.1.8  | <a href="#">Supply and delivery of alternative and renewable fuels</a>                       | SSA                    |
| SUSTDEV-2002-3.1.2.1.9  | <a href="#">More effective organisation of urban transport</a>                               | SSA                    |
| SUSTDEV-2002-3.1.2.1.10 | <a href="#">Scenarios for the transport system and energy supply of the future</a>           | SSA                    |
| SUSTDEV-2.1.2           | <a href="#">Advanced design and production techniques</a>                                    | SSA                    |
| SUSTDEV-2002-3.2.2.2.1  | <a href="#">Integration and standardisation of enhanced product development tools</a>        | SSA                    |
| SUSTDEV-2002-3.2.2.2.2  | <a href="#">Application of advanced design and manufacturing techniques</a>                  | SSA                    |
| SUSTDEV-2002-3.2.2.2.3  | <a href="#">Development of advanced, low-mass material structures and systems</a>            | SSA                    |
| SUSTDEV-2002-3.2.2.2.4  | <a href="#">Integration of clean and economic manufacturing techniques</a>                   | SSA                    |

|                         |  |     |
|-------------------------|--|-----|
| SUSTDEV-2002-3.2.2.2.5  | <a href="#">Strategies and processes for clean maintenance, dismantling and recycling of vehicles and vessels</a>  | SSA |
| SUSTDEV-2002-3.2.2.2.6  | <a href="#">Design and manufacture of new construction concepts for road, rail and inter-modal infrastructures</a>   | SSA |
| SUSTDEV-2002-3.2.2.2.7  | <a href="#">Design and manufacturing technologies to improve vehicle/vessel interfaces</a>   | SSA |
| SUSTDEV-2.2             | Making rail and maritime transport safer, more effective and more competitive  | SSA |
| SUSTDEV-2.2.1           | Re-balancing and integrating different transport modes   | SSA |
| SUSTDEV-2002-3.3.2.3.15 | <a href="#">Development of new inter-modal vehicle/vessel concepts</a>   | SSA |
| SUSTDEV-2002-3.3.2.3.16 | <a href="#">Development of logistics systems and concepts</a>  | SSA |
| SUSTDEV-2002-3.3.2.3.17 | <a href="#">Technologies to ensure effective, clean and safe operations of vehicles/vessels in terminals</a>   | SSA |
| SUSTDEV-2002-3.3.2.3.14 | <a href="#">Development of vehicle and vessel concepts, characterised by interoperability and inter-connectivity</a>   | SSA |
| SUSTDEV-2.2.2           | Increasing road, rail and waterborne safety and avoiding traffic congestion  | SSA |
| SUSTDEV-2002-3.4.2.4.11 | <a href="#">Integrating assistance and decision support tools to facilitate driving, piloting and manoeuvring</a>  | SSA |
| SUSTDEV-2002-3.4.2.4.12 | <a href="#">Developing technologies to acquire and predict information on infrastructure conditions and parameters</a>   | SSA |
| SUSTDEV-2002-3.4.2.4.13 | <a href="#">Developing integrated safety systems (preventive, active and passive) taking into account Human-Machine Interface (HMI)</a>                                    | SSA |
| SUSTDEV-2002-3.4.2.4.14 | <a href="#">Designing user-friendly driver interfaces</a>  | SSA |
| SUSTDEV-2002-3.4.2.4.15 | <a href="#">Developing computer-based training systems</a>   | SSA |
| SUSTDEV-2002-3.4.2.4.16 | <a href="#">Development of a large-scale integration and validation platform for the realisation of the intelligent transport vehicle and infrastructure of the future</a> | SSA |

### UZSAUKUMS TRANSPORTA UN ENERĢIJAS JOMĀ!

**FP6-2005-TREN-4. Ceturtais uzsaukums: 08.07.2005; iesniegšanas termiņš: 22.12.2005. Info: [http://fp6.cordis.lu/index.cfm?fuseaction=UserSite.FP6DetailsCallPage&call\\_id=224](http://fp6.cordis.lu/index.cfm?fuseaction=UserSite.FP6DetailsCallPage&call_id=224)**

| Activity Code        | Areas addressed   | Applicable instruments |
|----------------------|---|------------------------|
| SUSTDEV              | <b>Sustainable development, global change and ecosystems</b>                                      |                        |
| SUSTDEV-1            | <a href="#">Sustainable Energy Systems</a>  |                        |
| SUSTDEV-1.1          | <a href="#">Research activities having an impact in the short and medium term</a>                 |                        |
| SUSTDEV-1.1.1        | <a href="#">Cost-effective supply of renewable energies</a>                                       |                        |
| SUSTDEV-2005-1.1.1-1 | Demonstrations of innovative designs of automated biomass heating systems                         | STREP                  |
| SUSTDEV-2005-1.1.1-2 | Solar heating and cooling   | STREP                  |
| SUSTDEV-2005-1.1.1-3 | Geothermal energy   | STREP                  |
| SUSTDEV-2005-1.1.1-4 | Innovative wind farms, components and design tools  | STREP                  |
| SUSTDEV-2005-1.1.1-5 | Demonstrations of the next generation of PV technologies / products                               | STREP                  |
| SUSTDEV-2005-1.1.1-6 | Ocean / marine energy technologies  | STREP                  |
| SUSTDEV-2005-1.1.1-7 | All   | CA, SSA                |
| SUSTDEV-1.1.3        | <a href="#">Eco-buildings</a>   | STREP                  |
| SUSTDEV-1.1.4        | <a href="#">Polygeneration</a>  | STREP                  |
| SUSTDEV-2005-1.1.6   | CONCERTO II – Managing energy demand and renewable energy supply in high performance communities  | IP                     |
| SUSTDEV-2005-1.1.7-1 | Grid issues - Distributed generation  | STREP, CA<br>SSA       |
| SUSTDEV-2005-1.1.7-2 | Grid issues - Management of electricity grids linked to large scale wind power generation         | STREP, CA<br>SSA       |
| SUSTDEV-2005-1.1.8-1 | Thematic Promotion and Dissemination - Renewable electricity technologies                         | SSA                    |
| SUSTDEV-2005-1.1.8-2 | Thematic Promotion and Dissemination - Renewable heating and cooling technologies                 | SSA                    |
| SUSTDEV-2005-1.1.8-3 | Thematic Promotion and Dissemination - Production and distribution of liquid and gaseous biofuels | SSA                    |
| SUSTDEV-2005-1.1.8-4 | Thematic Promotion and Dissemination - Eco-buildings  | SSA                    |



|                         |   |       |
|-------------------------|---|-------|
| SUSTDEV-2005-1.1.8-5    | Thematic Promotion and Dissemination - Polygeneration   | SSA   |
| SUSTDEV-2005-1.1.8-6    | Thematic Promotion and Dissemination - Energy demand management and renewable energy supply in high performance communities | SSA   |
| SUSTDEV-2005-1.1.8-7    | Thematic Promotion and Dissemination - Alternative motor fuels  | SSA   |
| SUSTDEV-2               | <a href="#">Sustainable surface transport</a>   |       |
| SUSTDEV-2.1             | Developing environmentally friendly and competitive transport systems and means of transport                                |       |
| SUSTDEV-2.1.1           | <a href="#">New technologies and concepts for all surface transport modes (Road, Rail and Waterborne)</a>                   |       |
| SUSTDEV-2005-3.1.1.1.6  | CIVITAS dissemination and best practice transfer action   | SSA   |
| SUSTDEV-2.2             | Making rail and maritime transport safer, more effective and more competitive   |       |
| SUSTDEV-2.2.1           | <a href="#">Re-balancing and integrating different transport modes</a>  |       |
| SUSTDEV-2005-3.3.1.3.4  | New concepts for trans-European rail freight services   | IP    |
| SUSTDEV-2005-3.3.1.3.6  | Motorways of the sea (MoS)  | IP    |
| SUSTDEV-2005-3.3.1.3.7  | EU co-ordination and promotion forum on intermodal passenger travel   | CA    |
| SUSTDEV-2005-3.3.1.3.8  | Knowledge base for intermodal passenger travel  | STREP |
| SUSTDEV-2005-3.3.1.3.13 | Vessel data management (Voyage data recorder, Electronic logbooks)  | STREP |
| SUSTDEV-2.2.2           | <a href="#">Increasing road, rail and waterborne safety and avoiding traffic congestion</a>                                 |       |
| SUSTDEV-2005-3.4.1.4.11 | Improve infrastructure cost allocation methods  | STREP |
| SUSTDEV-2005-3.4.1.4.12 | Design appropriate contractual relationships  | STREP |

## UZSAUKUMS GLOBĀLĀS IZMAIŅAS UN EKOSISTĒMAS!

FP6-2005-Global-4: Ceturtais uzsaukums: 19.07.2005; iesniegšanas termiņi: 03.11.2005. un 02.03.2006.

[http://fp6.cordis.lu/index.cfm?fuseaction=UserSite.FP6DetailsCallPage&call\\_id=211](http://fp6.cordis.lu/index.cfm?fuseaction=UserSite.FP6DetailsCallPage&call_id=211)

| Activity Code         | Areas addressed   | Applicable instruments |
|-----------------------|---|------------------------|
| SUSTDEV               | <b>Sustainable development, global change and ecosystems</b>  |                        |
| SUSTDEV-3             | <a href="#">Global change and ecosystems</a>  |                        |
| SUSTDEV-3.1           | <a href="#">Impact and mechanisms of greenhouse gas emissions and atmospheric pollutants on climate, ozone depletion and carbon sinks</a> |                        |
| SUSTDEV-3.1.1         | <a href="#">Carbon and Nitrogen cycles: sources and sinks</a>   |                        |
| SUSTDEV-2005-3.I.1.1  | Regional carbon and greenhouse gas budgets  | STREP, CA              |
| SUSTDEV-3.1.2         | <a href="#">Atmospheric pollutants and their regional impacts</a>   |                        |
| SUSTDEV-2005-3.I.2.1  | Atmospheric composition change: Methane, NitrousOxide and Hydrogen  | STREP<br>CA            |
| SUSTDEV-2005-3.I.2.2  | Atmospheric aerosols and climate forcing  | IP                     |
| SUSTDEV-3.1.4         | <a href="#">Prediction of climatic change and its impacts</a>   |                        |
| SUSTDEV-2005-3.I.3.1  | Climate change impacts in the Mediterranean area  | IP                     |
| SUSTDEV-2005-3.I.3.2  | Climate changes in central-eastern Europe   | STREP, CA              |
| SUSTDEV-3.2           | <a href="#">Water cycle including soil-related aspects</a>  |                        |
| SUSTDEV-3.2.1         | <a href="#">Hydrology and climate processes</a>   |                        |
| SUSTDEV-2005-3.II.1.1 | Global Water Cycle, Water Resources and Droughts  | IP                     |
| SUSTDEV-2005-3.II.1.2 | Flash-flood forecasting   | STREP, CA              |
| SUSTDEV-3.2.2         | <a href="#">Ecological impact of global change, soil functioning and water quality</a>  |                        |
| SUSTDEV-2005-3.II.2.1 | Integrated risk-based management of the water-sediment-soil system at river-basin scale   | STREP<br>CA            |
| SUSTDEV-3.2.3         | <a href="#">Integrated management strategies and mitigation technologies</a>  |                        |
| SUSTDEV-2005-3.II.3.1 | Source control of priority substances   | STREP, CA              |
| SUSTDEV-2005-3.II.3.2 | New concepts and processes in wastewater treatment  | STREP                  |
| SUSTDEV-2005-3.II.3.3 | Advanced technologies for locating, maintaining and rehabilitating buried infrastructures   | STREP<br>CA            |
| SUSTDEV-2005-3.II.3.4 | Advances in desalination  | STREP, CA              |
| SUSTDEV-2005-3.II.3.5 | Water in Agriculture: new systems and technologies for irrigation and drainage  | STREP<br>CA            |

|                         |  |             |
|-------------------------|--|-------------|
| SUSTDEV-2005-3.II.3.6   | Twinning European/third countries river basins   | STREP<br>CA |
| SUSTDEV-2005-3.II.3.7   | Sustainable sanitation in Africa   | STREP<br>CA |
| SUSTDEV-2005-3.II.3.8   | A knowledge network for solving real-life water problems in developing countries   | CA          |
| SUSTDEV-3.2.4           | <a href="#">Scenarios of water demand and availability</a>   |             |
| SUSTDEV-2005-3.II.4.1   | Water scenarios for Europe and for neighbouring countries  | IP          |
| SUSTDEV-3.3             | <a href="#">Biodiversity and ecosystems</a>  |             |
| SUSTDEV-3.3.1           | <a href="#">Assessing and forecasting changes in biodiversity, structure, function and dynamics of ecosystems and their services, with emphasis on marine ecosystems functioning</a> |             |
| SUSTDEV-2005-3.III.1.1  | Develop model(s) and simulation(s) to assess and forecast changes in terrestrial biodiversity and ecosystems   | IP          |
| SUSTDEV-2005-3.III.1.2  | Assess and forecast changes in the Mediterranean and Black seas ecosystems and their ability to provide services   | IP          |
| SUSTDEV-3.3.2           | <a href="#">Relationships between society, economy, biodiversity and habitats</a>  |             |
| SUSTDEV-2005-3.III.2.1  | Shaping biodiversity conservation strategies for terrestrial and fresh water ecosystems  | CA          |
| SUSTDEV-3.4             | <a href="#">Mechanisms of desertification and natural disasters</a>  |             |
| SUSTDEV-3.4.1           | <a href="#">Mechanisms of desertification</a>  |             |
| SUSTDEV-2005-3.IV.1.1   | Combat land degradation and desertification  | IP          |
| SUSTDEV-3.4.2           | <a href="#">Natural Disasters</a>  |             |
| SUSTDEV-2005-3.IV.2.1   | Reduction of seismic risks   | STREP, CA   |
| SUSTDEV-2005-3.IV.2.2   | Assessment and reduction of tsunami risk in Europe   | STREP, CA   |
| SUSTDEV-3.5             | <a href="#">Strategies for sustainable land management, including coastal zones, agricultural land and forests</a>   |             |
| SUSTDEV-3.5.1           | <a href="#">Sustainable use of land</a>  |             |
| SUSTDEV-2005-3.V.1.1    | Strategies for sustainable urban, peri-urban and rural land use relationships  | IP          |
| SUSTDEV-2005-3.V.1.2    | Development of tools for impact assessment of land uses policies on the sustainable development of developing countries  | STREP<br>CA |
| SUSTDEV-2005-3.V.1.3    | Sustainable Development and Integrated Coastal Zone Management   | IP          |
| SUSTDEV-3.6             | <a href="#">Operational forecasting and modeling including global climatic change observation systems</a>  |             |
| SUSTDEV-3.6.1           | Development of observing and forecasting systems   |             |
| SUSTDEV-2005-3.VI.1.1   | European underwater ocean observatory system   | NoE         |
| SUSTDEV-2005-3.VI.1.2   | Integrated development of European coastal and regional seas forecasting systems   | IP          |
| SUSTDEV-2005-3.VI.1.3   | European atmospheric observation systems   | IP          |
| SUSTDEV-2005-3.VI.1.4   | Framework for economic and social aspects of the 10 year Implementation Plan of the GEO  | STREP<br>CA |
| SUSTDEV-3.7             | <a href="#">Complementary Research</a>   |             |
| SUSTDEV-3.7.1           | <a href="#">Development of advanced methodologies for risk assessment</a>  |             |
| SUSTDEV-2005-3.VII.1.1  | Intelligent testing strategy for chemicals   | IP          |
| SUSTDEV-2005-3.VII.1.2  | Life Cycle Analysis  | CA          |
| SUSTDEV-3.7.2           | <a href="#">Appraisal of environmental quality, population health and monitoring tools</a>   |             |
| SUSTDEV-2005-3.VII.2.1  | Validating, disseminating and exploiting best practices and decision-support tools for environment and health assessment and policy support  | CA          |
| SUSTDEV-2005-3.VII.2.2  | Development of methods and tools for environment and health impact assessment and cost-benefit analysis for building and assessing future environment and health scenarios           | IP          |
| SUSTDEV-2005-3.VII.2.3  | Health, economic and social impacts of extreme events Health   | IP          |
| SUSTDEV-3.8             | <a href="#">Cross-cutting issue: Sustainable Development concepts and tools</a>  |             |
| SUSTDEV-3.8.1           | <a href="#">Estimating thresholds of sustainability and externalities</a>  |             |
| SUSTDEV-2005-3.VIII.1.1 | Elaboration of new accounting frameworks of environmental externalities  | IP          |
| SUSTDEV-2005-3.VIII.1.2 | Verification and testing networks  | STREP, CA   |

|                   |   |     |
|-------------------|---|-----|
| SUSTDEV-3.9       | <a href="#">Cross-cutting issue: Specific support actions</a> |     |
| SUSTDEV-2005-3.IX | Specific Support Actions                                      | SSA |

Eiropas komisija ir izveidojusi jaunu mājas lapu saistībā ar pētniecību vides jomā:  
[http://europa.eu.int/comm/research/environment/index\\_en.htm](http://europa.eu.int/comm/research/environment/index_en.htm)

Informācija par apstiprinātajiem 6. Ietvara projektiem 6. tematiskā prioritātē ir pieejama CORDIS mājaslapā: <http://www.chp-research.com/>

Polijas zinātnieki meklē partnerus **FP6-2005-Global-4 uzsaukumam**  
[http://www.6pr.pl/n/p/6c/partnerzy\\_pl.html](http://www.6pr.pl/n/p/6c/partnerzy_pl.html)

### **Uzmanību, konferences enerģijas jomā!!!**

#### Renewable energies for Europe

The event, organised by the European Commission, aims to present the important role that renewable energy research plays in Europe, and to enhance awareness among stakeholders of the opportunities ahead. **Brussels, Belgium, 21-22 November 2005**

1st Annual European Energy Policy Conference - Shaping the Future of the Energy Industry in Europe 28-29 November 2005, Le Châtelain All Suite Hotel, Rue de Chatelain 17, Brussels, Belgium,

[http://www.epsilonevents.com/eps\\_current\\_event.asp?id=2&type=current](http://www.epsilonevents.com/eps_current_event.asp?id=2&type=current)

NKP: Andis Zilāns – [aab.kristine@apollo.lv](mailto:aab.kristine@apollo.lv), tel. 7518014, ES info: <http://www.cordis.lu/fp6/sustdev.htm>

### **2.7. CITIZENS AND GOVERNANCE IN A KNOWLEDGE-BASED SOCIETY (KNOWLEDGE SOCIETY)**

NKP: Dr. Arnolds Ūbelis – [arnolds@latnet.lv](mailto:arnolds@latnet.lv), tel. 7229727, ES info: <http://www.cordis.lu/fp6/citizens.htm>

### **2.8. POLICY-ORIENTED RESEARCH,**

NKP: Dr. Dace Tirzīte – [tirzite@latnet.lv](mailto:tirzite@latnet.lv), tel. 7229727; ES info: [www.cordis.lu/fp6/food.htm](http://www.cordis.lu/fp6/food.htm)

### **2.9. NEW AND EMERGING SCIENCE AND TECHNOLOGY (NEST)**

NEST programmā vairs nebūs "ADVENTURE" projektu konkursu, bet 27. oktobrī ir izsludināti pēdējie konkursi:

- **New NEST call:** On October 27, 2005 the new NEST call for proposals with **February 15, 2006 as closing date** will be published. This call is open only for dedicated projects in one of the five PATHFINDER initiatives 2005/2006. For more information, please consult the [NEST work programme 2005/2006 \(now available\)](#).
- **PATHFINDER initiatives 2005/2006:** NEST calls for project proposals in five distinct fields: "[Tackling Complexity in Science](#)", "[Synthetic Biology](#)", "[Measuring the Impossible](#)", "[Cultural Dynamics: from transmission and change to innovation](#)", "[What it means to be human](#)". For more information, please consult the corresponding [reference documents \(now available\)](#).
- **NEST publishes High-Level Expert Group Reports on:** [Synthetic Biology – Applying Engineering to Biology](#), [What it means to be Human](#) and [New and Emerging Themes on Industrial and Applied Mathematics](#)

**Running PATHFINDER projects:** [Latest fact sheets and abstracts](#) available

NKP: Dr. Arnolds Ūbelis – [arnolds@latnet.lv](mailto:arnolds@latnet.lv), tel. 7229727

### **2.11. HORIZONTAL RESEARCH ACTIVITIES INVOLVING SMEs (SME)**

Aktuāla ir SMEs līdzdalība un iesaistīšanās Integrētos projektos un Ekselences tīklos. Lūdzu sekot šo projektu informācijai.

NKP: Dr. Juris Balodis – [jbalodis@latnet.lv](mailto:jbalodis@latnet.lv), tel. 7558754. ES info: <http://www.cordis.lu/fp6/sme.htm>

### **2.12. SPECIFIC MEASURES IN SUPPORT OF INTERNATIONAL CO-OPERATION (INCO)**

**Aizvien vēl iespējams pieteikt projektus 2004.gada 17.decembrī izsludinātajos konkursos:**

|   |  |
|---|--|
| <a href="#">FP6-2002-INCO-DEV/SSA-1</a>           | Specific Support Actions (SSA) for Developing countries (DEV). Closing dates: =06 March 2006, at 17.00   |
| <a href="#">FP6-2002-INCO-Russia+NIS/SSA-4</a>    | Specific Support Actions (SSA) for Russia and other NIS. Closing dates: 06 March 2006, at 17.00.<br>D.1. ENVIRONMENTAL PROTECTION<br>D.2. ADJUSTING THE SYSTEM OF INDUSTRIAL PRODUCTION AND COMMUNICATION<br>D.3. HEALTH PROTECTION                                |
| <a href="#">FP6-2002-INCO-COMultilatRTD/SSA-5</a> | Specific Support Actions (SSA) for Multilateral co-ordination of national RTD policies and activities. Closing dates: 06 March 2006, at 17.00<br>Issues: Strengthening of coordination with other foreign policy instruments and definition of research priorities |
| <a href="#">FP6-2004-INCO-MPC-3</a>               | Specific Support Actions (SSA) for Mediterranean Partners Countries (MPC). Closing dates: 06 March 2006, at 17.00  |

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|--|---|
|  | <p><b>B.1 ENVIRONMENT</b></p> <p>B.1.1 Comprehensive WATER POLICY and integrated planning</p> <p>B.1.2 Improving the water consumption efficiency and effectiveness by users and uses. Plant breeding for efficient crop water and nutrient use</p> <p>B.1.3 Advanced water treatment, re-use and energy implications</p> <p>B.1.4 Environmental risks (SSA)</p> <ul style="list-style-type: none"> <li>- Seismic risks</li> <li>- Water related risk and environmental security</li> </ul> <p>B.1.5 Renewable energies for Mediterranean specific needs</p> <p><b>B.2 PROTECTION and CONSERVATION OF CULTURAL HERITAGE</b></p> <p>B.2.1 Materials, artefacts, monuments and sites: new technologies and characterisation</p> <p>B.2.2 Simulation, re-creation, comparative preservation methodology</p> <p>B.2.3 Risk assessment and preventive conservation</p> <p><b>B.3 HEALTH</b></p> <ul style="list-style-type: none"> <li>- Health information and health management systems in support to health sector development and health policies responding to emerging population needs.</li> <li>- Research on regionally prevalent genetic disorders including appropriate strategies for integrated case management</li> <li>- Trans-border biological and epidemiological aspects of surveillance and control of major regionally relevant communicable diseases</li> <li>- Trauma and conflict</li> </ul> |
|--|---|

NKP: Ingrida Kalviņa – [Ingrida.Kalvina@lu.lv](mailto:Ingrida.Kalvina@lu.lv), tel. 77034410, ES info: <http://www.cordis.lu/fp6/inco.htm>

### 2.13. SUPPORT FOR THE CO-ORDINATION OF ACTIVITIES (CO-ORDINATION)

NKP: Dr. Gita Revalde – [Gita.Revalde@izm.gov.lv](mailto:Gita.Revalde@izm.gov.lv) tel. 7047963, ES info: [www.cordis.lu/coordination/home/html](http://www.cordis.lu/coordination/home/html)

### 2.14. RESEARCH AND INNOVATION (INNOVATION)

Uzmanību!!! Tikko publicēti jauni uzsaukumi un tenderi!

- New Calls: 05.10.2005: [FP6-2005-INNOV-9-Strand-1](#), [FP6-2005-INNOV-9-Strand-2](#), [FP6-2005-INNOV-9-Strand-3](#), [FP6-2005-INNOV-9-Strand-4](#) and [FP6-2005-INNOV-9-Strand-5](#), Deadline 05.01.2005.
- New Calls for Tenders: 30.09.2005: [2005/S 189-185710](#) and [2005/S 189-185713](#)
- New Calls for Tenders: 27.09.2005: [2005/S 184-181256](#), [2005/S 186-183026](#), [2005/S 186-183027](#) and [2005/S 186-183028](#)
- New Call for Tender: 22.09.2005: [2005/S 183-180413](#)
- Call: 22.09.2005: [FP6-2005-Energy-4](#)
- New Call for Tender: 20.09.2005: [2005/S 181-178543](#)
- Call for Tender: 10.09.2005: [2005/S 175-173232](#)
- Call: 02.09.2005: [FP6-2005-RTD-OMC-NET](#)

NKP: Gundega Lapiņa – [gundega@edi.lv](mailto:gundega@edi.lv), tel. 7540703, Info: <http://www.cordis.lu/fp6/innovation.htm>

### 2.15. MARIE-CURIE ACTIONS. HUMAN RESOURCES AND MOBILITY

**Mobility-3: Zināšanu pārnese**, termiņš 25.01.2006.

**Mobility-4: Zināšanu pārnese**, termiņš maijs, 2006.

**Mobility-5: M.Kirī individuālās stipendijas** Eiropā, termiņš 19.01.2006.

**Mobility-6: M.Kirī stipendijas braucieniem ārpus Eiropas savienības**, termiņš 18.01.2006.

**Mobility-7: M.Kirī stipendijas braucieniem uz Eiropas Savienību**, termiņš 18.01.2006.

**Mobility-8: Ekselences granti**, termiņš 25.01.2006.

**Mobility-9: Ekselences apbalvojumi**, termiņš 15.02.2006..

**Mobility-10: Marijas Kirī profesori**, termiņš 25.01.2006.

**Mobility 11 un Mobility 12: atgriešanās** stipendiju konkursi. Termiņi 19.10.05, 19.01.06.

**Uzmanību!!!** Zinātniskā darba treniņa iespējas ES 5-ās un 6-tās letvara programmu projektos,:

<http://mc-opportunities.cordis.lu/>

- **Pētniecības treniņu tīkli** - Darba vietu vakances esošos treniņtīklos jauniem zinātniekiem ar MSc vai Dr grādiem - alga no 1200 līdz 5000 €/mēn. Dažos tīklos praktiski nav konkursa.
- Marijas Kirī **apmācību vietas doktorantiem un citas vakances**  
[http://mc-opportunities.cordis.lu/home\\_vac.cfm](http://mc-opportunities.cordis.lu/home_vac.cfm)
- **Konferences** - [http://mc-opportunities.cordis.lu/home\\_evt.cfm](http://mc-opportunities.cordis.lu/home_evt.cfm)

NKP: Ligita Liepiņa – [ligita.liepina@lu.lv](mailto:ligita.liepina@lu.lv), tel. 7034481, ES info: <http://www.cordis.lu/fp6/mobility.htm>

## 3. Aktivitātes un veiksmes

Uzmanību!!! 6IP projektu konkursu paliek aizvien mazāk un mazāk, bet tas nenozīmē, ka iespējas ir izsmeltas. Varbūt ir tieši otrādi. Daudziem Integrētiem projektiem ir uzdevums paplašināt konsorcijs un tie, kas rūpīgi sekos procesam var kļūt par labiem ieguvējiem. Tālāk piemēram ir doti divi sludinājumi.

**Project title: ATHENA. Call announcement:**

*The IST project ATHENA is looking for new partners. The project, which focuses on information technologies for enterprise interoperability, requires the participation of new partners to carry out certain project tasks. The call concerns two sub-projects (one in the area of 'outbound logistics' and the other in the area of 'inventory visibility') within an existing sub-project of ATHENA. The overall objective of the sub-project is the piloting, testing, transfer, and application of research results in industrial sectors. The call will be closing on 16 November. ATHENA aims to be the most comprehensive and systematic European research initiative in information technology to remove barriers to interoperability, to transfer and apply the research results in industrial sectors, and to foster a new networked business culture. Building on its vision statement "By 2010, enterprises will be able to seamlessly interoperate with others", ATHENA aims to enable interoperability by providing a comprehensive interoperability framework.*

**Deadline:** 17 November 2005, **Additional information:** [ATHENA website](#)

**Project title** *Global System for Telematics (GST)***Activity area:** *IST- Information Society Technologies*

**Call announcement:** *The vision of the GST project is that all future vehicles will be equipped with various communication means to interact with each other and their environment based on a common architecture and standard interfaces. Drivers and occupants will be able to rely on their on-board, integrated telematics system to access a dynamic offer of on-line safety-, efficiency- and comfort-enhancing services wherever they drive in Europe. To realise this vision, GST is creating an open and standardised framework architecture for end-to-end telematics. The openness relates to the use of common mechanisms for the removal, updating and installation of new services and applications. Standards are necessary for the key interfaces allowing to hide the complexity and heterogeneity of the supporting technologies. The main thrust of GST is to realize open systems and to make it possible that a wide range of new services - including public services catering to a wide audience and specialist services serving small communities of users - will be offered on the market. To demonstrate this commitment, the GST consortium has decided to organize a service submission contest in the third year of the project for which a budget of 100 000 Euro has been foreseen.*

*The contest will seek to select the most promising service and support the contest-winning teams to develop and demonstrate their services in an integrated automotive environment at one of the GST test sites. Universities and SME's will be specifically targeted in the campaign. Expected duration of participation in project: from April 2006 to December 2006.*

**Deadline:** 15.12.2005, 17h Brussels time. *Proposals should be submitted in English. Only paper submissions will be accepted and the postal address for submission is: ERTICO, Avenue Louise 326, 2nd floor, 1050 Brussels, Belgium*

**Additional information:** [GST-Integrated Project - website](#)

Latvijas nacionālo kontaktpunktu sistēma ir dalībniece vairākos SSA 6IP projektos un tajos ir iespējas dažādā veidā atbalstīt Latvijas zinātnes un ar to saistīto mazo un vidējo uzņēmumu līdzdalību letvara programmas projektos. Informācija tiks izplatīta īpaši un parādīsies ar norādēm uz saitēm NKP WEB mājas lapā. Tomēr, īpašos gadījumos lūdzu rakstiet ([Arnolds@latnet.lv](mailto:Arnolds@latnet.lv)) par savām vajadzībām. Varbūt atradīsim iespēju palīdzēt.

\*) 6.IP Latvijas Nacionālā kontaktpunkta izdevums VĒSTIS tiek pavairotas un izplatītas sadarbībā ar IRC Latvija