



TECHNISCHE
UNIVERSITÄT
WIEN
Vienna University of Technology

DER VIZEREKTOR FÜR FORSCHUNG
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To whom it may concern

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Geschäftszahl

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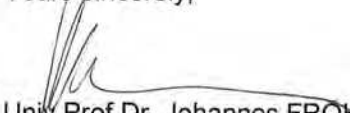
Letter of Support

This letter is to express the strong interest, support, and willingness of the Vienna University of Technology (TU Wien) to participate in the FuturICT Flagship initiative (both in the preparation of the project proposal and its implementation in case the proposal is successful).

Our institute for Mathematical Methods in Economics, especially the research group for Operations Research and Control Systems (ORCOS), envisions to engage in several of the key issues sketched out in FuturICT and will involve several of our key scientists who will be headed by

- Em.Prof. Gustav Feichtinger,
- Assoc.Prof. Gernot Tragler, and
- Prof. Vladimir Veliov.

Yours sincerely,


Univ.Prof.Dr. Johannes FRÖHLICH
Vice-Rector for Research



VILNIAUS GEDIMINO TECHNIKOS UNIVERSITETAS

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Prof. Dr. D. Helbing
Department of Humanities and Social Sciences
Chair of Sociology
ETH Zürich
CLU E1
Clausstrasse 50
Bögli Zürich
Switzerland

2018-03-19

I

Nr.

Nr.

50-10-21-4825

LETTER OF SUPPORT: FUTURICT FET FLAGSHIP INITIATIVE

I would like to confirm you about the interest of Vilnius Gediminas Technical University regarding the proposed Project FuturICT FET Flagship Initiative within the European Union's Framework Programme.

Vilnius Gediminas Technical University is a multi- and interdisciplinary university focusing on research and education in the fields of economics, science and technology, specializing in operational research, decision making, meeting challenges of technological change, innovation in business and management areas and sustainability aspects.

Vilnius Gediminas Technical University is a leader in Eastern Europe among the technical universities in the field of engineering for high-level basic research. The researches of VGTU aim at timely multifaceted problem solution. VGTU supports and encourages the researchers' multinational collaboration.

I am convinced that goal-driven large-scale initiative of FuturICT FET Flagship Initiative will be an appropriate tool to support research and integrate European communities operating in social, complexity sciences, ICT, technology, sustainability areas. The collaboration of the European scientists will enable to find the answers to techno-socio-economic challenges.

For all these reasons, VGTU strongly supports the FuturICT FET Flagship Initiative goals and would appreciate the opportunity of participating in the activity directed towards the realization of the European Research Area and Innovation Union.

Rector

Alfonsas Daniūnas

A. Čenys, phone +370 5 2745005



BR-810/4/174/10

Phone: (+48 22) 628 59 85, Fax (+48 22) 660 72 04, E-mail: jmr@rekt.pw.edu.pl

Warsaw, 5th July 2010

Prof. Dr. Dirk Helbing
Department of Humanities and Social Sciences
Chair of Sociology (Modeling and Simulation)

ETH Zurich
CLU E1
Clausiusstrasse 50
Boga Zurich
Switzerland



Dear Professor Helbing,

Thank you very much for your correspondence dated 15 June 2010, concerning prospective research collaboration within the 8th Framework Programme of the European Union. I hereby confirm our interest and intention to participate in the project *FET Flagship FuturICT*, that will be submitted in the next call for proposals of the FET-ICT Flagship Programme of EU.

The Warsaw University of Technology strongly supports this initiative. We find that the research plan included in the FuturICT proposal is highly relevant for development of new engineering systems that will combine information tools with the complex system methodology. One can expect that Project results will have a large impact on society by developing a basis for robust techno-social systems.

A cluster of research groups from the Faculty of Physics and the Faculty of Electronics and Information Technology of Warsaw University of Technology will be jointly involved in the Flagship Initiative. Members of our team possess research experience in the areas related to the project aims. Our University coordinates Integrated Project Cyberemotions within 7th Framework Programme, closely related to FuturICT.

The Warsaw University of Technology will be represented in the project by Professor Janusz Hołyst Ph.D., D.Sc. from the Faculty of Physics (jholyst@if.pw.edu.pl).

Sincerely yours,

Prof. Włodzimierz Kurnik, Ph.D., D.Sc.

CC: Prof. Janusz Hołyst



President's Office

To whom it may concern

Winterthur, 30 November, 2010
Our reference: Stph

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Head Research and Development Unit
heinrich.stuelpnagel@zhaw.ch

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Letter of Commitment FutureICT Project

Ladies and Gentlemen,

As one of the largest multidisciplinary applied universities of Switzerland, Zurich University of Applied Sciences (ZHAW) is distinguished through its application-oriented character. This characteristic is reflected not only in its degree programs but first and foremost in Research & Development.

The good connection to the private and public sector (including SMEs) and profound acquaintance with their problems makes ZHAW ideally suited for a contribution to the applied side of FutureICT. We are convinced that ZHAW can be an important player, among others for the formulation of the concept of a Knowledge Supply Chain by making the (bidirectional) connection between fundamental research and application. The close cooperation between universities geared towards basic research and applied universities strengthens the international position of Switzerland.

The objectives of FutureICT largely overlap with the strategy of ZHAW. Therefore, we highly appreciate and warmly welcome the participation of Prof. Dr. Wolfgang Breymann at the FutureICT project, where he is supposed to act as interface on behalf of ZHAW. He will work in close collaboration with ETH Zurich, in particular with Prof. Dr. Dirk Helbing. We will support his activities as far as possible and wish that his efforts will contribute to a success of the CA as well as the Flagship.

Sincerely

Zurich University of Applied Sciences

Prof. Martin Künzli
Dean School of Engineering

Heinrich Stülpnagel
Head Research and Development Unit

Research Centers and Organizations



VERSLO IR VADYBOS AKADEMIJA

ACADEMY OF MANAGEMENT & BUSINESS

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2012 04 11 Nr. 39

LETTER OF SUPPORT FOR FUTURICT FET FLAGSHIP INITIATIVE

On the behalf of Academy of Management & Business, I would like to confirm our eager support for the FuturICT FET Flagship Initiative. We are looking forward for the active involment in this perspective EU wide project.

We are willing to contribute in terms of available organizational and financial resources as we strongly believe, that the FuturICT initiative will be highly successful in bridging the gaps between highly fragmented social, ICT and complexity research areas.

At our Research center we are currently carrying EU funded project, which concentrates on developing pervasive information field based MAS simulation paradigm (OSIMAS) with the perspective to create a prototype for the *Living Earth Simulator* instrument under the FuturICT Flagship project. OSIMAS cross-disciplinary paradigm will integrate Computational Intelligence, Social Science and Complexity Science in the framework of FuturICT initiative (see http://www.vva.lt/mc/Project_proposal.pdf).

In fact, AMB Research Centre is primarily concerned with management and social scientific research. Areas of concentration include but are not limited to the applications of novel computational intelligence approaches in the areas of economics, finance and management. Therefore, the major achievements of the AMB Research Centre are associated with the development of computational intelligence paradigms, their application for solving issues in the economic and social field in general.

AMB is a modern non-state higher university type business school which fosters its peculiar academic culture, carries out scientific research, and organizes studies to the people willing to create their welfare independently. Therefore, I believe, our regional expierence, current involment in the related research and social orientation might be beneficial in the FuturICT research framework.

Rector

Sigitas Kryžius



AIT

CENTER
OF EXCELLENCE
FOR RESEARCH
AND EDUCATION

Post-secondary Education Center

ACADEMIC COUNCIL

Prof. Anthony Constantinides
Electrical and Electronic Engineering
Head Communications
& Signal Processing Group
Imperial College

Prof. Christos C. Halkias
Dean Emeritus
Athens Information Technology

Prof. Pradeep Khosla
Dean
Carnegie Institute of Technology
Philip & Marsha Dowd Professor
of ECE & Robotics
Co-Director, CyLab

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EECS Department
University of California at Berkeley

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Department of Electrical
Engineering & Computer Science
University of Michigan

Prof. John G. Proakis
Department of Electrical
& Computer Engineering
Northeastern University

Prof. Jeffrey D. Ullman
S.W. Ascherman Prof. of Engineering
Department of Computer Science
Stanford University

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President
Academy of Finland

AIT

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Prof. Dr. rer. Nat. Dirk Helbing
ETH Zurich, Room CLU E1
Clausius Strasse 50
8092 Zurich
Switzerland

Athens, 15 June, 2011

Dear Prof. Helbing,

As managing director of the Research and Education Laboratory in Information Technologies (Athens Information Technologies – AIT), I would like to express our strong interest to the FuturICT FET Flagship proposal.

AIT is a non-profit international education and research center, founded in 2002. AIT operates under the same principles that govern the most distinguished institutions of the kind in the USA and Europe and boasts exclusive co-operations in education and research with esteemed institutions such as Carnegie Mellon University and Harvard University in the USA, and Aalborg University in Denmark.

Research as AIT is ever expanding through a growing number of partnerships with international educational institutions such as the University of Cambridge and INRIA (Institut National de Recherche en Informatique et en Automatique) in France, as well as the largest Greek companies and multinational corporations such as Microsoft, IBM, Deutsche Telecom, Nokia and others. The quality of research in AIT is underlined by a large number of EU grants (that amounts to more than 14 million Euros over the past nine years), including a number of Future and Emerging Technologies projects.

Our interest in FutureICT is related to the goal of the project to bring together computer science and social sciences, a goal that is developing rapidly in AIT. For that matter, we have recently formed a new group focusing on Research in Innovation and Entrepreneurship, which is already expanding its activities to create a new framework for studying economics and finance in their spatial dimensions.

Given the aforementioned activities and increased interest to FuturICT-relevant objectives, we are convinced that we can provide added value to the FuturICT FET Flagship Initiative, and we are offering our commitment to help make this project a success.

Sincerely,


Athanasios Zesimopoulos
Managing Director
Athens Information Technology

3 May 2011



Prof. Dr. Dirk Helbing
Scientific Coordinator - FuturICT
Chair of Sociology
ETH Zurich
Clausiusstraße 50
8092 Zürich
Switzerland

RE: FuturICT – Expression of Interest

Dear Prof. Helbing

On behalf of the Australian Urban Research Infrastructure Network (AURIN), I would like to express our interest in the FuturICT Flagship Proposal.

AURIN is a three year, \$20mil project funded under the Australian Commonwealth Government Super Science initiative. The intent of the AURIN Project is to enhance the understanding of urban resource use and management through the provision of a multifaceted data access and e-Research infrastructure. It aims at providing –as far as possible – open access to data to the build environment and urban research communities, in conjunction with an advanced suite of data interrogation, simulation and visualization tools orchestrated in a workflow environment supporting advanced urban research.

The utility of the established e-Infrastructure is demonstrated through a suite of ten aspirational demonstrator projects, spanning from population and demographic futures and benchmarked social indicators, through urban health and well-being to urban transport, logistics, vulnerability and risks, and urban design. In its scope and depth, AURIN is uniquely positioned to contribute to insights about the physical, social and economical environment of Australia. It is the only such project to cover a whole nation and span an entire continent, worldwide.

In the social sciences, a project of the scope and scale of FuturICT is long overdue. The holistic approach to the study of the interactions and evolution of complex, global social systems require a large, multidisciplinary effort, spanning numerous disciplines and requiring an unprecedented wealth of data and computing infrastructure. We welcome the pan-European FuturICT initiative as an important step towards a global social sciences observatory.

We believe that to truly cover the trends and complexities of our globalised society, FutureICT will need to reach to datasets and capabilities beyond Europe. While AURIN's mission covers only a fraction of the subject areas covered in the FuturICT, we believe that here is potential for collaboration in terms of access to data and data interrogation tools and models.

Yours sincerely,

A handwritten signature in black ink, appearing to read 'Rob Stimson'.

Robert J. Stimson
Director

To whom it may concern

Foresight & Policy Development Department
AIT Austrian Institute of Technology GmbH
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4 October 2011

Letter of Support

This letter is to express the interest of the AIT Austrian Institute of Technology GmbH in the FuturICT Flagship initiative. Our Foresight & Policy Development Department intends to engage in a number of the FuturICT research topics and is prepared to involve several of our key scientists. Should FuturICT materialize, AIT strongly intends to engage in the research initiative and to collaborate in its tasks. F&PD has a special research interest in the areas of complexity science and quantitative social science, particularly the governance of political and social systems from an inter- and transdisciplinary point of view.

AIT welcomes the proposed initiative and is convinced that FuturICT will contribute significantly to the Austrian and European scientific community.

Yours sincerely,



DI Anton Plimon
Managing Director



Prof. Dr. habil. Josef Fröhlich
Authorised Representative

ÖFAI · Freyung 6/6 · 1010/Wien · Austria

Prof. Dr. Dirk Helbing
ETH Zürich
Department of Humanities and Social Sciences
Clausiusstraße 50
8092 Zürich
Switzerland



Österreichisches
Forschungsinstitut für
Austrian Research
Institute for
Artificial Intelligence

Vienna, 30 September 2011

Letter of Support for FutureICT FET Flagship Initiative

The Austrian Research Institute for Artificial Intelligence (ÖFAI) is a non-profit organisation which was founded 1984 as an Austrian key institute for Artificial Intelligence. It is active in many fields of basic and applied AI research. Our scientists can significantly contribute with their extensive expertise in respect of ICT research to the project objectives. The ÖFAI finds the themes of FutureICT central to its own mission and is fully supportive of the EU's FET Flagship Initiative.

With this letter we confirm ÖFAI's support for the proposed FutureICT Flagship and we look forward to many opportunities for active engagement and collaboration as the programme develops.

Yours sincerely,

Prof. Dr. Gerhard Widmer
Deputy Director

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**CENTRE FOR RESEARCH AND TECHNOLOGY – HELLAS (CE.R.T.H.)
INFORMATICS AND TELEMATICS INSTITUTE (I.T.I.)**

6th km. Charilaou-Thermi Rd • P.O.Box 361 • 570 01 Thessaloniki, Greece • Tel: (+302311) 257701 • Fax: (+302310) 474.128

Thessaloniki, 18.10.2010

Letter of support

To whom it may concern

I hereby express the full support of the Centre of Research and Technology Hellas/Informatics & Telematics Institute, Greece (CERTH/ITI) to the FuturiCT Flagship Initiative.

The Informatics and Telematics Institute (ITI) was founded in 1998 as a non-profit organization under the auspices of the General Secretariat of Research and Technology of Greece, with its head office located in Thessaloniki, Greece. Since 10.3.2000 it is a founding member of the Centre of Research and Technology Hellas (CERTH) also supervised by the Greek Secretariat of Research and Technology.

CERTH/ITI is one of the leading Institutions of Greece in the fields of Informatics, Telematics and Telecommunications, with long experience in numerous European and national R&D projects. ITI-CERTH has participated in more than 60 research projects funded by the European Commission and more than 85 research projects funded by Greek National Research Programmes and Consulting Subcontracts with the Private Sector (I&T Industry). In 2008, the Informatics and Telematics Institute attracted an income of 14M€ from National and European competitive R&D projects.

For the last 10 years, the publication record of ITI includes more than 300 scientific publications in international journals, more than 600 publications in conferences and 60 books and book chapters.

The Centre for Research & Technology Hellas/Informatics & Telematics Institute is fully supportive of the EU's FET Flagship Initiative and the Institute would like to express its strong support for the FuturiCT concept and ambition, its support for those involved in proposal preparation, and confirm its interest in active collaboration should the proposal be successful.

Yours faithfully,

Dr. Dimitrios Tzovaras
Research Director

CNRS – EHESS

Centre d'Analyse et Mathématique Sociales (UMR 8557)

54, boulevard Raspail
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Phone: + 33 1 49 54 20 33
Secretary: + 33 1 49 54 20 41
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Henri Berestycki
Director of CAMS
e-mail : hb@ehess.fr

Paris, December 1, 2010

To whom it may concern

With this letter, I wish to express the full support of the Centre d'Analyse et Mathématiques Sociales (CAMS) to the FuturICT Flagship Initiative coordinated by Prof. Dirk Hebling of ETH Zurich, Switzerland.

CAMS is an interdisciplinary research unit of the École des Hautes Études en Sciences Sociales (EHESS) and the Centre national de la recherche scientifique (CNRS) in France. The EHESS is a Government funded institution that focuses on research in social and human sciences. It emphasizes in particular multi disciplinary approaches. The CNRS is the national Government funded institution of France that supports research in all fields of mathematical, natural, social and human sciences. I am the director of CAMS.

With researchers of different backgrounds, the Centre has expertise in various fields: mathematics, computer science and theoretical physics. In recent years, our Centre has been developing a strong group in modeling and analyzing complex systems with a particular view to the understanding of social and human phenomena.

I confirm my strong support of the proposed FuturICT Flagship Initiative. Researchers in my Centre and myself will actively participate to this ambitious and highly promising project. I am much look forward to collaborations within this framework.

Yours sincerely,



Henri Berestycki
Professor at EHESS
Director of CAMS (UMR 8557 – CNRS–EHESS)



Prof. Dirk Helbing
ETH Zurich
Dept. Humanities and Social Sciences
Chair of FuturICT Science Committee
Clausiusstrasse 50
CH-8092 Zurich

Re.: Letter of Support

19 November 2010

Dear Prof. Helbing

I would like to express my strong interest in – and full support for – the FuturICT flagship initiative developed under your Chairmanship.

As CEO of the European programme Climate-KIC I welcome your efforts in bundling resources and activities for a quantum leap in understanding and managing complex techno-socio-economic-environmental systems. The development of new information and communication technologies and tools to support decision makers is much needed for management, leadership and tackling the grand challenges humanity is facing – in Europe and the rest of the world.

Climate change is one of the greatest challenges for humanity. It is here where Climate-KIC comes in. Climate-KIC will directly benefit from the know-how and understanding developed in the FuturICT project when exploring promising pathways towards low-carbon prosperity and a sustainable future. Creating an interface between Climate-KIC and FuturICT will also allow us to study impacts of climate change on techno-socio-economic systems.

Climate-KIC, the Knowledge and Innovation Community (KIC), is an initiative of the European Institute of Innovation and Technology (EIT) to drive technological innovation in the area of climate change through integrated and creative partnerships between business, academic and public institutions.

There are other areas of interest to both the FuturICT and Climate-KIC communities: advances in supercomputing capabilities along with the development of new simulation techniques which are crucial for international climate-change adaptation and mitigation strategies as well as the involvement of private, public and academic partners on regional and European levels.

Climate-KIC is therefore looking forward to collaborating with FuturICT on a range of subjects.

Yours sincerely,

Jan van der Eijk
CEO Climate-KIC

address	phone	mobile	email	web
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Ian Johnson
Secretary General

22nd June 2011

Dear Professor Helbing,

It was a great pleasure to meet your colleagues Prof. Wolfgang Breymann and Dr. Shaoleh Ghashghaie who gave me the opportunity to become acquainted with the FuturICT project. I was impressed by the concept of the project, its ambitious goals and by the quality of the project consortium of highly recognized international and Swiss collaborators. Having read a number of project documents, I am sure that, once materialised, the project would make a strong impact on the state of the art in the world affairs.

The challenges we face, such as the risk of catastrophic climate change and of ecosystems collapse, energy and food insecurity, economic breakdown, and world poverty and exclusion are global, systemic and connected yet they demand a comprehensive analysis and understanding. They cannot be resolved separately through ad hoc, sectoral and incremental measures. But our science and research are still highly compartmented and fragmented. Our information bases are mostly locally focused, nationally based and dominated by special interests. It is now urgent: to define and develop a coherent, cross-sectoral information and decision-making support system which integrates economic, environmental and development issues; to establish effective national and international frameworks for cooperation and action; and to mobilise rapidly the public support and creativity, knowledge and resources which are available. Vision and leadership are again needed if we are to break out of the present political and bureaucratic stalemate and to avoid the judgment of history that we recognized the emerging threats to our civilisation but failed to act.

40 years ago, the Club of Rome was on the forefront of modeling global processes, analyzing the long term consequences of human activity and looking into future scenarios using system dynamics theory and computer modeling. Since then, the Club has been instrumental in attracting the attention of the decision makers and of the public to the critical challenges of the modern world.

The FuturICT continues this tradition. We are convinced that the project has an enormous potential to revolutionise the analysis of the challenges the world is facing and the decision-making process. Through its membership and networks of partner institutions and individuals, the Club of Rome is in a position to mobilise international support and participation. This is a unique privilege and opportunity that I am writing to express our strong support for this project at this critical time in world affairs.

In conclusion, the Club of Rome is strongly committed to FuturICT Flagship Initiative and I would like to confirm that we would be very interested in active collaboration as the project develops.

I wish the project every success and would be pleased to meet you to discuss how the Club of Rome could support this crucial initiative.

With kind regards,

Yours sincerely,

Ian Johnson

The Complex Systems Society

Association régie par la loi de 1901
218 rue du Faubourg Saint Martin, 75010, PARIS
<http://css.csregistry.org>, j.h.johnson@open.ac.uk
Tel: +44 77 966 966 21

Prof Dirk Helbing
ETH Zurich
17th March 2010

Dear Professor Helbing

Complex Systems Society Support for the FuturIcT Flagship Project

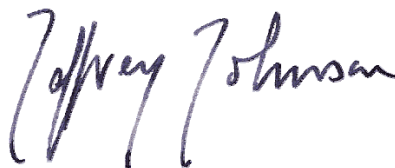
I write on behalf of the Complex Systems Society to express our commitment to the proposed FuturIcT Flagship Project. This proposal has our strongest support.

The Complex Systems Society was created in Europe through the ONCE-CS coordination action of the Future and Emerging Technology (FET) unit of the European Commission . Ten years ago FET had the vision to see that the emerging science of complex system would have a profound impact on every aspect of European Society, providing new ICT-enabled solutions to problems that traditional physical, biological, environmental and social science cannot solve by themselves. Complex systems is a synthesis that integrates the traditional sciences, adding new layers of understanding and enabling new technologies for exploitation in the private and public sectors. Through the support of the European Commission and national funding agencies, Europe has become a world leader in complex systems science. With a membership exceeding two thousand people, the Complex Systems Society is a large and heterogeneous community of scientists, entrepreneurs and policy makers developing and applying the new science.

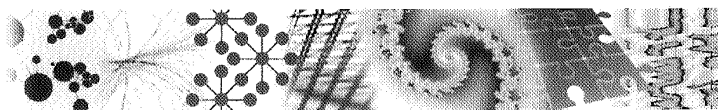
The complex systems community believes that the FuturIcT Flagship will be one the most profound scientific initiatives of the twenty first century, and it will have a great impact in the short and long terms. The major challenges faced by humankind are complex systems problems - from adapting to climate change and its geo-socio-politico-economic consequences, to providing reliable science to underpin global and national finances, to creating a new *in-vivo* biological science on which to base pharmaceuticals and medical practice, to creating new methods to study epidemics of viral and socially induced illness, to producing the new theoretical understanding necessary for geopolitical and military stability in the face of the many global challenges that lie ahead. Humankind needs to integrate *all* its knowledge from all domains into new science able to address the new kinds of problem that emerge in our ever more connected world. The FuturIcT programme is a unique opportunity for Europe to grasp the scientific initiative and create new science to enable it to survive and even thrive in the turbulent times that lie ahead.

We offer our full support to the FuturIcT Flagship and we want to work with you to make this extraordinary vision become a reality. For scientists this a once-in-a-lifetime opportunity to participate in a programme of revolutionary scientific discovery and unprecedented social innovation. The Complex Systems Society and its members are excited by the prospect of making a quantum leap in science and its applications through the visionary FuturIcT Flagship project.

Assuring you of our full support, yours sincerely



Professor Jeffrey Johnson
President



Complexity-NET Coordination Office

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Direct Fax: +44 (0)1793 444 456

E-mail: complexitynet@epsrc.ac.uk

Web: www.complexitynet.eu

Dear Professor Helbing,

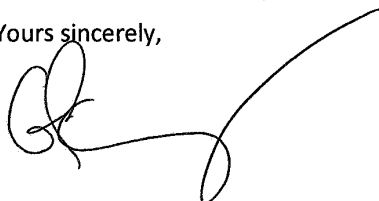
I am writing to express the support of Complexity-NET for your FET Flagship concept, FuturICT. Complexity-NET is a group of European science and technology funding agencies, research councils and ministries all working together to create an environment that best enables the coordination of strategically planned national activities in Complexity Science and Complex Systems research. We are funded through the European Union's Framework Programme 6 (FP6), under the European Research Area Network (ERA-NET) scheme.

Our activities to date have included a European landscaping exercise in complexity/complex systems research, which demonstrated the strength and breadth of European research activity in this vital cross-disciplinary area at a national level. This activity culminated in a workshop held in Budapest in November 2007, whose recommendations included the development of future international funding streams focussing on cross-disciplinary approaches to large-scale, real-world problems. In particular, the importance of cross-disciplinary collaborations between mathematics and the physical sciences and the social sciences was strongly emphasised.

We are delighted that FuturICT embraces the value of highly cross-disciplinary, complex systems approaches to modelling and understanding global issues. We believe that this is exactly the kind of large-scale research endeavour that is needed to bring a step-change in the understanding of interlinked human systems at a planetary level.

Whilst we are not in a position to offer firm financial commitments to FuturICT, the Complexity-NET partner organisations (please see our website for a list of Complexity-NET partners) are very keen that we offer this joint statement of support.

Yours sincerely,



Gavin Salisbury,

Coordinator, Complexity-NET



MTA SZTAKI

COMPUTER AND AUTOMATION RESEARCH INSTITUTE
HUNGARIAN ACADEMY OF SCIENCES

6th June 2011

To Whom It May Concern
Flagship FuturICT

As director at MTA SZTAKI, Computer and Automation Research Institute, Hungarian Academy of Sciences, I am pleased to confirm MTA SZTAKI's great interest in and strong support for the FuturICT proposal for a FET flagship.

MTA SZTAKI, EU Centre of Excellence, member of ERCIM and W3C, is the leading national institute for computer science, software engineering and applied mathematics. The Institute operates with an annual budget over 10MEUR from approximately 50% national, 20% international grants and 30% directly from industry with key partners including RICOH, Hitachi, GE, Audi, Hungarian Telekom, MOL Oil and Gas Co., Paks Nuclear Station, Knorr Bremse and Bosch.

FuturICT plans on reality mining and socially aware ICT are of great relevance to our ongoing R&D projects on networks, social media, visual analytics, and new architectures for high performance computing with applications in telecommunication, financial services, electronic commerce and law enforcement. Currently one-fifth of the Institute funding is devoted to these areas, increasing every year. Key partners include the BAE Systems, Yahoo!, Internet Memory, HUJI and the Max Planck Institute. MTA SZTAKI is very well placed to contribute substantially to the Innovation Accelerator and the Living Earth Platform and committed to playing a significant role as FuturICT activities unfold.

MTA SZTAKI is represented by Dr. Andras Lukacs, head of the Data Mining and Web Search Group, whose research fields (social network and human behaviour mining and modelling for media and security) matches FuturICT goals and his active collaboration with Albert-Laszlo Barabasi facilitates efficient cooperation between MTA SZTAKI and FuturICT.

In conclusion, MTA SZTAKI strongly supports the FuturICT Flagship proposal, is committed to participating fully in its activities, and looking forward to many opportunities for active engagement and collaboration.

Yours sincerely,



Dr. Péter Inzelt
Director



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Consiglio Nazionale delle Ricerche
*Dipartimento Tecnologie dell'Informazione
e delle Comunicazioni*



Il Direttore

To whom it may concern,

On behalf of the ICT - Information and Communication Technology Department of the National Research Council, Italy (CNR), I am writing to express my high consideration and strong support for the scientific initiative FutureICT, led by professor Dirk Helbing, ETH Zurich. The ICT Department finds the themes of FutureICT central to its own mission and expresses its best hopes for this flagship candidate.

The Department of Information and Communication Technology inspires his action, on one hand, to the indication issued by the World Summit on the Information Society and by OCSE, actively supporting the connection between ICT and society, and on the other hand, on the implementation of studies the impact of ICT and innovation on society. The Department consists of 5 departmental projects and of 2 interdepartmental projects , employing about 350 researchers.

The Department will keep supporting the FutureICT initiative, that has already benefited from the contribution, between the others, of Dr. Rosaria Conte and Dr. Mario Paolucci, researchers from the workgroup on "Artificial Societies and Social Simulation" in the departmental project "Modeling and Simulation of Complex Systems".

We think that the team that Dr. Helbing has gathered together is in the position to obtain determinant advances in the relationship between ICT and society, supporting and creating innovative ways and means that could contribute to the solution of important societal problems that we will face in the next years.

Prof. Ing. Francesco Beltrame

Director of the ICT Department of the CNR of Italy

TRINITY COLLEGE
UNIVERSITY OF DUBLIN

Professor Peter Richmond
Tel +353 1 896 1676
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Email Richmond@tcd.ie



Department of Physics
Trinity College
Dublin 2
Ireland

31st March 2010

Re: FuturICT - Unleashing the Power of Information for a Sustainable Future

To who it might concern,

As you may know, COST is very much concerned with establishing new networks in innovative areas of science and technology. Complex systems science has over the past few years been supported first by COST P10 Physics of Risk and currently by COST MP0801 Physics of conflict and cooperation. The aim of this latest action is to nurture and support researchers interested in applying methods of complex systems to social and economic systems. These concerted actions have partners from over 24 European member states and many of the partners have been informed, and indeed are informing, the proposal being put forward by Professor Helbing for his idea of a flagship. COST MP0801 will continue for another two years and we expect to help feed many new ideas into the Flagship project. In this way we shall provide a valuable link and input for key projects concerned with the application of new mathematics and physical ideas into the social and economic sciences which are in sore need of new intellectual input.

As Coordinator of these COST initiatives I firmly support this proposal for a flagship and I know that colleagues are also very supportive and will be very interested in the project. The ideas being proposed will take our activity forward in new and, at the moment unknown ways and we believe the FuturICT programme is truly both adventurous and challenging. The goals of FuturICT very neatly match the interests of all colleagues within COST.

Many if not most will be keen to work with Professor Helbing and collaborate on this important project and I am sure that the others will follow suit once they become more aware of the particulars.

We therefore strongly support this proposal and hope very much that it will be supported by the EC.

Yours sincerely

Peter Richmond BSc PhD DSc
Chairman COST action MP0801 Physics of Conflict and Cooperation



To: **Whom may concern**

Date: **13 April 2010**

Dear Professor Helbing,

as Chair of the COST Transport and Urban Development (TUD) Domain Committee (DC), I hereby express the support and interest of the DC for the "FuturIcT" flagship initiative.

The TUD DC aims at fostering international research networking activities of scientists and experts dealing with transport systems and infrastructures, urban land use and development, architecture and design, and civil engineering issues. The focus is on multi- and interdisciplinary approaches and the aim is to cover both basic and applied research activities including technical and technological developments and their changeovers that are relevant to policy and decision making processes. A significant concern is devoted to activities exploring new research needs and developments.

The domain is by definition cross-sectoral and multidisciplinary, encompassing a wide range of scientific expertises within the transport and land use planning, design, and management activities with a special emphasis on the strong interrelationships among the relevant policy fields as well on all aspects related to sustainable development.

The flagship initiative can spur new collaborations, fully on line with our scope, helping in strengthening the research at the frontiers of science.

I therefore strongly support your proposal and I hope it will be successfully evaluated by the EC

Yours sincerely,

Prof. Cristina Pronello
TUD DC chair



Prof. Dr. Carlo C. Jaeger

European Climate Forum e.V.
Chair
Postbox 600648
D-14406 Potsdam
Germany

Potsdam Institute for Climate Impact Research
Chair of Research Domain IV –
Transdisciplinary Concepts and Methods
Telegraphenberg A 31
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fon +49-331-2882601, fax +49-331-2882580, cj@european-climate-forum.net, carlo.jaeger@pik-potsdam.de

Potsdam, 24 March 2010

To Whom It May Concern

RE: Candidate Flagship on "FuturICT"
EU Projects, FET Programme, Complexity Initiative

The GSDP – Global System Dynamics and Policy – network currently includes about 200 researchers interested in developing a research program for the study of global systems. We see great potential in the "FuturICT" initiative from this point of view.

An important example of global systems is given by the world economy. With regard to this system, the global financial crisis has raised the irritating question whether -and if so, why – the economics profession has not seen this crisis coming. Meanwhile, the debate is shifting towards the question of what kind of approaches are likely to lead to a better understanding of such crises and to better designs of strategies to cope with them. And the quest for such approaches is by no means limited to economics. Economic historians, e.g., have shown that the financial crisis of 2008 was linked to worrying difficulties of global coordination. These difficulties have become visible in another form at the climate conference of 2009 in Copenhagen. And philosophers of mathematics have provided new ways of looking at the use of mathematics by economists. Broadly speaking, three kinds of approaches can be distinguished in current research:

- 1) Back to Keynes: In the financial crisis, the economic policies of many countries returned to the Keynesian politics that had been abandoned around 3 decades ago. Then, it was given up because it did not offer a viable answer to stagflation. Authors like Krugman, Akerlof and Shiller have mapped out influential arguments for this comeback.
- 2) Stay the course: Some countries, including Germany, did not accept Keynesian arguments even in the midst of the crisis (although some of their policies were mildly

Keynesian). And the majority of economists still endorses Walrasian general equilibrium theory as the paradigm of economics.

- 3) Multi Agent Models of Complex Systems: Some researchers work on new models that hold promise of overcoming basic difficulties of both Keynesian and Walrasian approaches. Their work has got considerable reinforcement by the fact that a leading exponent of this kind of thinking, Elinor Ostrom, was awarded the Nobel Price in October 2009.

In the GSDP network the third approach is the one pursued as a priority, and it is understood as leading to models of socio-ecological systems that will help to address the global challenges of our times.

We see a great opportunity for FuturICT to make significant contributions to this task.

Best regards,

A handwritten signature in black ink, appearing to read 'Carlo C. Jaeger', with a stylized, cursive script.

(Carlo C. Jaeger)



April 16, 2010

To whom it may concern

With the present letter I hereby confirm the interest and support of **ECTRI (the European Conference of Transport Research Institutes)** to the FET-Flagship proposal so called "*FuturICT Knowledge Accelerator*" to be presented as a contribution to the Flagship Consultation 2010 launched within the DG INFSO ICT programme.

As mentioned in the *FuturICT flagship* proposal, the greatest bottleneck of ICT systems today is the difficulty in making sense and efficient use of the large amounts of data generated. The *FuturICT flagship* shall, therefore,

- develop novel ICT systems (incl. applications and infrastructures) combining the best of human and computational abilities to support the understanding, integrative design, and management of complex systems,
- apply these to model techno-social and economic, transport, environmental and other global systems,
- create instruments to support the self-organization, decision-making and governance in politics, business, industry, and academia, with the aim to foster societal goals (e.g. robust techno-social and sustainable economic systems),
- develop principles and tools that will facilitate the emergence of high quality processes, products and institutions in techno-social networks.

In this perspective, the *FuturICT flagship* will create interactive, multi-purpose modelling, exploration, and systems design tools that use the best combination of human and machine intelligence.

Taking into account that "intelligence" (system, technology, data) is one of the key fields of research in which ECTRI gives emphasis and advice since it considers this field as one of the predominant future issues for transport research:

ECTRI supports the ground-breaking ICT research addressed by the *FuturICT flagship*, considering that such research is crucial to identify the success factors of societies and to anticipating and responding to the Grand socio-economic and environmental challenges to be faced by the society in the 21st century.

ECTRI is convinced that the *FuturICT flagship* will provide a strong and broad basis for future technological innovation and economic exploitation in a variety of areas, as well as novel benefits for society. As a matter of fact, ECTRI considers this initiative as particularly relevant for the transport system whose efficiency could be significantly increased.

At last, as an ambitious European large-scale and ICT-based initiative oriented at visionary high-risk research, integrating multiple scientific disciplines, ECTRI believes that the *FuturICT flagship* will bolster Europe's competitiveness and the innovation ecosystem in the long term, leverage the scientific excellence, and put Europe in a strong position in innovation in future, such as expected in the EC communication 'Moving the ICT frontiers' issued in April 2009.

I am looking forward to bringing in the visions of the transport research Community through the active participation in the *FuturICT flagship* of ECTRI Member-Politecnico di Torino, and to supporting the project in promoting and disseminating its developments and achievements.

Sincerely yours

Caroline ALMERAS
Secretary General

Göteborg, 28 June 2010

Re: FlagShip proposal FuturICT Knowledge Accelerator"
Expression of Interest

Dear Professor Helbing,

In response to your request for a letter of support for the FlagShip proposal "The FuturICT Knowledge Accelerator" which was communicated to us by Prof. P. Argyrakis in his email of 9th June 2010, we confirm that we have had in the past, and currently do have COST Actions (P10 and MP0801, respectively) within our Domain MPNS ("Materials, Physics and Nanosciences") which are certainly of interest and relevance to your initiative.

This area is therefore of relevance to our Domain and we will inform our Domain Committee of your planned activities at the earliest opportunity (which will be at our next meeting planned for September) and will follow their progress with interest.

We wish you every success for your initiative and remain

Yours sincerely,



Prof. E. Olsson



Dr. A. Flambard



March 19, 2010

To Whom It May Concern

RE: Candidate Flagship on “FuturICT: Unleashing the Power of Information for a Sustainable Future” EU Projects, FET Programme, Complexity Initiative

On behalf of the Management Committee and as President of the European Social Simulation Association (ESSA), I would like to express the strong interest of our community in this scientific initiative.

On one hand, this initiative is a clear evidence of the growing reputation of social simulation and its fertile interconnections with other scientific environments. When the computational social sciences link ICT with the social scientific disciplines, social simulation can bridge the gap with complexity science.

On the other hand, the candidate Flagship shows the strong applicability of social simulation. Nowadays, it would be short sighted to ignore the tools that ICT in general, and computer simulation in particular, can provide to anyone who is interested in understanding the evolution and change of societies. There is no way to investigate the future without the powerful technology provided by ICT, because these technologies are a significant factor for change, and a major component of the future. ICT-enabled social simulation enables us to understand future developments of ICT and its contribution to society..

Taking advantage of a large network of prestigious institutions and highly reputed scientific partners, the Flagship has several merits.

Firstly, it tackles the most crucial issues that strongly affect the future growth and the quality of life of Western(ized) societies.

Secondly, it creates a far-reaching interdisciplinary vision, requiring strong synergies among physics as well as social, cognitive and computational sciences.

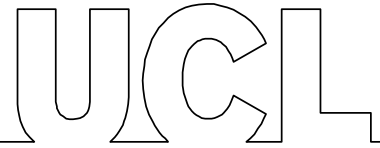
Thirdly, if one may use an oxymoron, it represents a solid vision. Highly ambitious in its objectives, it stands on solid grounds. Implementing complex and evolving virtual societies is a daring task, which, on the other hand, can count upon a resource of models, theories, techniques and tools. Still in progress, some basic ingredients (new theories and models, large-scale simulation platforms, databases and data-mining techniques, etc.) are already available, waiting to be incorporated into a consistent theoretical framework.

Fourthly, it would contribute to European competitiveness by providing novel means to maintain and develop its welfare tradition. Moreover, it will add to the merits of the Complexity Programme of the European Union to provide the ways and means of such a competitive endeavour.

Finally, it is innovative, building on the frontiers of ICT and providing stimulating reasons to go even further: using Bertrand Russell’s words, it builds on the objective to “see in imagination the society that is to be created”.

Best wishes

Rosaria Conte
(President of ESSA
<http://www.essa.eu.org/>)



To: Wolfgang Boch
Head of FET

23 March 2010

Re: **FuturICT - Unleashing the Power of Information for a Sustainable Future**

Dear Wolfgang,

As you know, GSD is very much concerned with identifying new techniques of ICT influenced mathematics that we require in order to assist policy makers with their decision making, particularly in the area of sustainability. GSD Partners have been informed, and indeed are informing, the proposal being put forward by Professor Helbing for his idea of a flagship. Although GSD is approaching its end, new ideas are now being fed into many different projects. It is bizarre that despite all the advanced mathematics available to us we are still not able to successfully model social interactions. It is this inability which lets scientific advisors down in their efforts to provide advice to politicians and others on the best way forward.

As Coordinator of the GSD project I firmly support this notion for a flagship and I know that my colleagues are also supportive. We feel that we have only just begun to scratch the surface on how modelling and simulation can be brought together to inform and influence policy decision-making both for governance and in business. Furthermore we have identified new way to both instigate and collect data that will help form the basis for new actions. For this reason we are very much interested in this project.

Furthermore we recognise that the ideas being proposed go even beyond our ambitions and therefore the FuturICT programme is truly both adventurous and challenging.

Finally, the goals of FuturICT very neatly match not only my own research interests, but also many of my colleagues here at UCL.

I am therefore very keen to work with Professor Helbing and will be happy to collaborate on this important project. I know that this attitude is already mirrored by a large number of my colleagues on our GSD database and I am sure that the others will follow suit once they become more aware of the particulars.

Yours sincerely

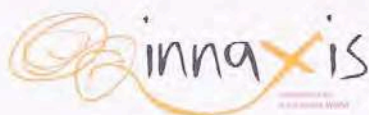


Steven Bishop
Professor of Nonlinear Dynamics

Email : s.bishop@ucl.ac.uk

www.ucl.ac.uk

www.globalsystemdynamics.eu



The Innaxis Research Insittute
Velazquez 157
28002 Madrid
innovation@innaxis.org

To:
FuturICT Consortium

Ref: Support to the FuturICT Proposal

Dear colleagues,

Having read and understood the research programme you are proposing in the FuturICT proposal, we are gladly submitting this support letter from The Innaxis Research Institute.

INNAXIS (www.innaxis.org) is a private, non-profit research institute, devoted to the promotion of Complexity Science and its applications. The purpose of INNAXIS is to produce helpful knowledge to address complex scientific challenges of significant social and economic impact. It intends to achieve this goal by working in open partnership with other players to identify relevant problems and to conceive innovative formulations and sustainable solutions.

INNAXIS considers as relevant problems those which develop systemic complexity, due to the interaction between multiple autonomous agents and to the diversity of organizational forms and of time and space scales. Transport and energy systems, traffic management, macroeconomic evolution and financial markets: in all these fields and many others, the combination of complex structures and social relationships with innovative technologies produce unexpected challenges to the traditional way of approaching scientific research.

Innaxis is currently managing different research efforts that are very aligned with the FuturICT programme and therefore we extend the support of those efforts to your proposal. In particular:

- The ComplexEnergy.eu initiative, that bridges research communities working on innovative solutions in the ICT and energy fields, blending them with scientists from Complex Systems field, laying the foundations for the creation of a new research community able to formulate innovative approaches in the area of energy system modelling and governance and paving the way for future EC-scale initiatives focused on inter-disciplinary solutions for designing and managing the future European Electricity Grid

- The ComplexWorld.eu initiative, that brings together research communities from the Air Transport and Complex Systems fields, aiming at the development of new operational concepts in the context of the Single European Sky.

Kind Regards,

David Pérez
Director

1. DEC. 2010

To whom it may concern,

As President and CEO of Inria, I want to express my strong interest and support to the FuturICT flagship initiative.

As you may know, Inria, the French national institute for research in computer science and control, operating under the joint authority of the Ministries of Research and of Industry, is dedicated to fundamental and applied research in information and communication science and technology (ICST).

Throughout its eight research centres, INRIA has a workforce of 4 300 (3 400 of whom are scientists from INRIA or from INRIA's partner organisations such as CNRS (the French National Center for Scientific Research), universities and leading engineering schools), including about 1200 PhD students.

Presently, research activities of Inria are organized around seven priorities:

- Modeling, simulation and optimisation of complex dynamic systems
- Programming: security and reliability of computing systems
- Communication, information, and ubiquitous computing
- Interaction with real and virtual worlds
- Computational engineering
- Computational sciences
- Computational medicine

Most of these activities are closely connected with societal challenges such as health and well-being, energy, environmental changes, etc.

As its strategy closely combines scientific excellence with technology transfer, Inria develops strong collaborations with its socio-economic environment through strategic industrial partnerships and about 100 companies have stemmed from Inria since 1984.

Inria contributes in a significant way to the development of the European Research Area. The Institute is presently involved in more than 150 projects, including 90 projects in the ICT field. Inria is also very proud to host 23 ERC laureates (5 of them in Mathematics and 18 in Computer Science).

After this brief description of Inria activities, you will easily understand our strong will to take our part in the solution of the grand challenges proposed by FuturICT. The vision and the ambitious objectives integrating computer science and engineering, natural and social sciences together with a very high potential impact for our Future are completely in line with Inria ambitions for the coming years.



We are in the process of setting up an internal organisation in order to contribute as efficiently as possible to the first phase of FuturICT. If, as we expect, FuturICT is eventually selected, Inria intends to play a key role in this outstanding initiative. It is clear that Inria plans to devote significant resources to FuturICT, but the exact amount is still under discussion.

One last and important point, Inria is candidate to be a Core Member of FuturICT.

Sincerely yours,

Prof. Michel Cosnard,

President and CEO of Inria

**ACADEMIA ROMÂNĂ – Secția de Știința și Tehnologia Informației
Institutul de Cercetări pentru Inteligența Artificială**

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<http://www.racai.ro>



November 7, 2011
Bucharest

To the kind attn. of **H.E. Mr. Ambassador Liviu BOTA – Honorary President**
Mr. Sever AVRAM – Executive President
EUROLINK-House of Europe Foundation in Bucharest, Romania

Your Excellency Mr. Ambassador Bota,
Dear Mr. Executive President Avram,

we already know about your activities and involvement in the field of competition and competitiveness since the year 2004, under the aegis of the **CEFTAC Platform** (*Central European Advocacy for a Fair and Transparent Competition Platform*), which annually organises the European Competition & Competitiveness Day in Romania.

We also noticed your strong commitment to support the innovative SMEs sector, as it resulted from the information and training events you organised under the aegis of the **EU-RO Clearing Funds Platform**, which mostly focuses on the absorption process of EU Structural Funds in Romania.

We recently learned that **EUROLINK-House of Europe Foundation** was the initiator and coordinating organisation of the **Black Sea - Danube Regional Network for Social & Economic Innovation**, which was launched at the Palace of the Parliament, on the 22nd of May 2011, on the occasion of the Regional Fair dedicated to the celebration of European Maritime Day in Romania.

In this context, we would like to express our strong interest in supporting the development of the Regional Network with the aim to build valid partnerships in our Central and South-Eastern European region, in order to implement projects under FuturICT framework.

Aware of the opportunities opened by the participation to the FutureICT innovative programme, we are ready to support your Regional Network by advanced research and development in the area of multilingual semantic web technologies, including machine translation for the relevant languages of the network.

Sincerely yours,

Prof. dr Dan Tufiş,
Member of the Romanian Academy
Director of Research Institute for Artificial Intelligence



НАЦІОНАЛЬНА АКАДЕМІЯ НАУК УКРАЇНИ
ДЕРЖАВНА УСТАНОВА
"ІНСТИТУТ ЕКОНОМІКИ ТА ПРОГНОЗУВАННЯ"

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11.10.2011 № 135-4/986

На № _____ від _____

Dr. Anna Carbone

Member of FuturICT Coordination Team (ETHZ),
Member of FuturICT Steering Committee
SOMS, ETH Zurich (Switzerland)

11th October 2011

Dear Doctor Anna Carbone

I have great pleasure in writing to offer cooperation in the framework of program FuturICT that is a global scale, authoritative, high-tech research initiative designed to achieve global long-term goals. We are well aware many profound publications of outstanding scientists – the participants of the FuturICT, as well as great organizational work you are doing to accelerate multidisciplinary international scientific cooperation with focus on techno-socio-economic-environmental systems. The Programme FuturICT is very important for development and realization of great technological and scientific potential of Ukraine.

Institute for Economics and Forecasting of the Ukrainian National Academy of Sciences is one of the most serious research institutes in the Ukraine in the sphere of economics¹. In the difficult financial conditions of Ukraine, we were able to create and maintain a team of top scientists - economists of the country to implement research projects on basic and applied areas focused on the acute problems of economic policy in Ukraine and other emerging markets. Our researchers developed approaches that allow deeper institutional and structural problems that underlie the accumulation of risks and systemic imbalances. We have large scale cooperation with many other scientific and academic organizations in Ukraine. Also Institute has close cooperation with Cabinet of Ministry, Government, President, Supreme Rada of Ukraine and other Government Bodies. We make researches not only by own initiatives but also by direct orders of them. But we would like to have a more productive impact on the scientific level of economic policy in our region. Goals of your global Programme FuturICT and your experience in the sphere of interaction between researchers and policy-makers are very valuable and interesting for us.

We would like to offer our Institute as the basic partner of the FuturICT in all directions of activity of this Programme in Ukraine. In particular, our Institute can be the Reference Institution of the FuturICT in Ukraine also we could be open a representative office of FuturICT in Ukraine on the basis of our Institute.

¹www.ief.org.ua

Also we would like to offer to consider the following areas of cooperation:


1. Participation of the Institute for Economics and Forecasting (IEF) of Ukrainian National Academy of Sciences in the Project as reference institution in charge of implementing and developing all the policies and strategies of FuturICT in terms of research activity in Ukraine.
2. Creation of Ukrainian Center of FuturICT on the basis of the Institute. This Center will intend to intensify the collaboration between Ukrainian scientists within social and natural sciences and will help to accelerate the development of the Ukrainian research science on the basis of modern information technologies and intensify international collaboration towards a sustainable future. The Center will promote the FuturICT aims in Ukraine and will coordinate efforts of Ukrainian researchers who are involved in the Project activities.
3. Creation the site of Ukrainian Center of FuturICT and presenting materials about the Project and research activity held within its framework.
4. Organization of specialized seminars, debates, workshops, conferences, round table discussions, briefings and summer schools on the basis of IEF and the Ukrainian Centre of FuturICT with the active participation of the Project's members to share results of current research and trends of social economic development in the countries around the world.
5. Translation analytical materials and reports of FuturICT, Web publishing, and information provided on FuturICT portal into Russian and Ukrainian in order to improve the quality of research in Ukraine and active promotion of the Western European experience, as well as to distribute information about FuturICT in our region.
6. Active participation IEF in preparation of internal memorandums and recommendations to the government, agreements between governments of countries within the framework of the FuturICT project to achieve common strategic initiatives towards a sustainable future.

I'll be glad to meet you or your representatives to discuss these and other possible areas of cooperation to jointly promote scientific research aimed at improving the effectiveness of economic policy and achieve common strategic initiatives towards a sustainable future.

Yours sincerely

Valeriy Heyets

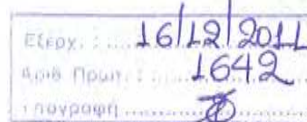
Head of the Institute for Economics
and Forecasting of the
Ukrainian National Academy of Sciences,
Academician of Ukrainian NAS





FOUNDATION FOR RESEARCH AND TECHNOLOGY - HELLAS
INSTITUTE OF COMPUTER SCIENCE

Prof. Dr. Dirk Helbing
ETH Zürich
Department of Humanities and Social Sciences
Chair of Sociology, in particular of Modeling and Simulation
Clausiusstraße 50
8092 Zürich, Switzerland



16 December 2011

Dear Prof. Helbing,

The Institute of Computer Science (ICS) of the Foundation for Research and Technology – Hellas (FORTH) is pleased to affirm its strong support and interest in the FuturICT FET Flagship.

FORTH, established in 1983, is one of the largest research centers in Greece, with world class facilities and top-ranked researchers and highly qualified personnel. It functions under the supervision of the General Secretariat for Research and Technology of the Hellenic Ministry of Education, Lifelong Learning and Religious Affairs, and consists of seven Research Institutes located in 4 cities in the periphery of Greece. FORTH-ICS has an internationally acknowledged reputation of excellence in conducting basic and applied research, developing applications and products, providing services, and playing a leading role, in Greece and internationally, in the fields of Information and Communication Technologies (ICTs). ICS has been repeatedly ranked as a top-quality research institute in Greece in the context of periodic evaluations conducted by external committees of experts under the auspices of the General Secretariat for Research and Technology.

FuturICT is of strategic interest to the research agenda of FORTH-ICS, which includes many highly relevant topics, such as Data Mining and Knowledge Discovery from Data, Knowledge Representation and Reasoning, Scalable Architectures and GRID Systems, Social Network Analysis and Visualization, Internet Epidemics, Computational Perception, Cognitive Robotics, Biomimetic Locomotion and Control, Bioinformatics, Human-Computer Interaction, Design for All and Universal Access, Ubiquitous Computing and Pervasive Multimedia, Inclusive Online Communities, Wireless Sensor Networks, and Ambient Intelligence (AmI).

As the Director of FORTH-ICS, I intend to fully support the Institute's contributions to FuturICT throughout the Flagship's lifetime, including access to FORTH-ICS's state-of-the-art 3M Ambient Intelligence Research Facility, in the understanding that participatory platforms form a crucial part of FuturICT, as well as to the high-performance computing and other laboratory infrastructures of our Institute.



Kind regards,

Professor Constantine Stephanidis
Director, FORTH-ICS



Paris, April 30th 2012



Institut des sciences de l'information
et de leurs interactions

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INS2I n° D-2012 - 3D
Dossier suivi par :
Christel COMTE
Tél.: 01.44.96.42 42
christel.comte@cnrs-dir.fr

To : Dirk Helbing (ETH Zurich) et Steven Bishop (UCL, London)

Subject: Endorsement letter to formally support the FET-Flagship proposal "FutureICT".

The Institute of Information Sciences and Technologies INS2I of the French National Centre of Scientific Research CNRS is aware that the "FutureICT" Project is one of the six Pilot Actions selected by the EU Commission to prepare for a large scale FET Flagship project. CNRS believes that this project, if granted, would help to understand and manage complex, global, socially interactive systems. Such systems can drastically transform and strengthen our societies' adaptiveness, resilience, and sustainability.

ICT and environmental problems are on the top of the French Strategic Agenda of research and innovation and CNRS is a foremost actor in the area of ICT in France, running over 40 research laboratories in the area as well as several research networks, and is strongly involved in interdisciplinary efforts with other areas such as environmental sciences and engineering sciences.

Based on this alignment of priorities with the project perspectives CNRS strongly supports the Flagship project FutureICT.

Yours faithfully,

Philippe BAPTISTE

Director INS2I



BULGARIAN ACADEMY OF SCIENCES

INSTITUTE OF MECHANICS

Sofia 1113, Academician G. Bonchev St., block 4; tel: +359 2 973 31 40, fax: +359 2 870 74 98,
<http://www.imbm.bas.bg>; e-mail: director@imbm.bas.bg

Sofia, December 16th 2010

TO WHOM IT MAY CONCERN

Letter of Support: FET Flagship – FuturICT

With this letter we would like to underline the strong support of the Institute of Mechanics of the Bulgarian Academy of Sciences to the FuturICT project and its candidature for the FET Flagship programme.

Institute of Mechanics of the Bulgarian Academy of Sciences is the leading national research organization in the area of mechanics, nonlinear dynamics, nonlinear time series analysis and their applications. Through the research of Prof. Nikolay K. Vitanov and his collaborators our Institute participates actively in the national and international research on the application of the methods of mathematics and physics to the problems of social dynamics and economics. Thus the Institute of Mechanics has the core of scientists and the infrastructure to support the broad vision and scope of the FuturICT and to participate actively for achieving the goals of the FuturICT.

In addition the Institute of Mechanics has capability to create and coordinate the Bulgarian national hub of FuturICT and to integrate it in the future FuturICT clusters. Responsibility for this will assume our Vice Managing Director and Director for Science and Corporate Relations Prof. Vitanov.

Finally I would like to wish success to the proposal and my best wishes to the entire network of the supporters which spreads from the BAR ILAN University from Israel to the South through the ETH Zürich to the University College London and the London School of Economics to the North and from Institute for New Economic Thinking (USA) to the West to our Institute to the East.

With my kind regards

Prof. Vassil Kavardjiev, Ph. D., D. Sc.
Managing Director, Institute of Mechanics, Bulgarian Academy of Sciences



VINČA INSTITUTE OF NUCLEAR SCIENCES

Address:
11001 Belgrade, P. O. Box 522
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Phone: (381-11) 244-08-71 and 245-82-22
Director: (381-11) 243-89-06
Telefax: (381-11) 344-24-20
E-mail: office@vin.bg.ac.yu

Our ref.

Your ref.

Belgrade, Vinča

2068/1

09. M. 2011. god.

Att: Prof. Dirk Helbing
Prof. Steven Bishop
Coordinators of the FuturICT project

Letter of support

It is my pleasure to express strong interest and support in the FuturICT flagship initiative on behalf of the Institute of Nuclear Sciences Vinča in Belgrade.

As one of the leading scientific institutes in Serbia, the Institute Vinča has strong research activities in the field of complex systems with strong ties with domestic and international scientific communities. The Institute was established in 1948 as a research centre for the study of the advanced issues in physics, chemistry and biology, growing to the multidisciplinary scientific institution responding to the major strategic lines of research defined at a national level. Among research teams studying complex systems several groups are involved in research activities which include, among others, econophysics and physics of social systems so we are very much interested in pursuing active collaboration with the FuturICT team and contributing to the success of the project as it advances.

The proposed goals of the FutureICT project which combine advances in information technology with fundamental scientific achievements in complex systems and new methods of modeling and analyzing social systems are important efforts of the international scientific community for understanding complex techno-socio-economic systems and their self-organization with important implications on the global level.

Henceforth, our Institute is committed to participation and support of all activities that may lead to the success of the FuturICT flagship proposal and we are looking forward to collaborating with the international scientific community involved in the FuturICT.

Sincerely yours,

Jovan Nedeljkovic, Director
Institute of Nuclear Sciences



March 5th 2012,

FuturICT - Letter of support

To whom it may concern,

The IBBT (Interdisciplinary Institute for Broadband Technology, www.ibbt.be) is an independent research institute that is founded by the Flemish government to stimulate ICT innovation. Its mission is to create a lasting and positive impact on society through innovations in ICT. As a pioneer in demand-driven research, it offers companies and organizations active support in research and development. Also, it brings together companies, authorities, and non-profit organizations to join forces on research projects. IBBT unites a core of 1000+ scientists from 5 research departments (Health, Internet, Media, Security and Digital Society). These departments have excellence in research domains with a high societal relevance, such as culture & media, healthy society, green ICT, sustainable mobility and social & secure ICT.

In addition, the IBBT has an extensive develop and test environment (www.ibbt.be/en/develop-test) with two important branches: (1) iLab.t provides lab infrastructure to evaluate technical feasibility, performance, and service quality of ICT innovations at the earliest possible stage, (2) iLab.o helps to set up a large-scale trial outside the lab environment. To complement the research work, IBBT has a strong focus on entrepreneurship (www.ibbt.be/en/entrepreneurship). The goal of IBBT's Entrepreneurship and Valorization program is to bring ICT innovations to the market, either by helping to build successful high-tech ICT ventures or by driving innovation in industry partnerships. To achieve this, IBBT offers a range of training, incubation and networking services that are supported by an active ecosystem of entrepreneurs, financial organizations, industrial partners and research departments.

With this letter, the IBBT expresses its interest to participate in the FuturICT Flagship Initiative, which aims to address and understand the fundamental and techno-socio-economic problems of our society through the integration of ICT, complexity science and social science. The FuturICT flagship addresses some of the most important challenges for our future society, and the proposed paradigms are well aligned with the ambitions and activities at IBBT. In particular, the research teams of IBBT have strong expertise in areas that are in line with the FuturICT project.

The IBBT believes that the FuturICT project will make an important impact on the global society, and outlines its strongest support to collaborate in the FuturICT project, should the venture be successful.



Wim De Waele, CEO IBBT

connect.innovate.create

Prof. Detlof von Winterfeldt
Director

October 31, 2011

To who it may concern,

The International Institute for Applied Systems Analysis (IIASA) is pleased to support the FuturICT project and its competition for the FET Flagship program.

IIASA is a leading institution in several scientific areas the FuturICT initiative addresses. Global topics like extreme events, climate change, land use, population, technological change, and security and stability of complex systems have long been an integral part of its research agenda. Many of IIASA's research topics are thus closely related to the key components of FuturICT.

IIASA could not only support the initiative from an intellectual side but also with its strong tradition and experience in international policy advice.

For these reasons it would be a great pleasure to participate in the FuturICT project within the Austrian-Slovenian hub.

Best regards,



Prof. Detlof von Winterfeldt
Director

DvW:sd

International Institute for Applied Systems Analysis
Registration number: ZVR 524808900

ICS

RUG/UU/RU

INTERUNIVERSITY CENTER FOR SOCIAL SCIENCE THEORY AND METHODOLOGY

25 YEARS
RESEARCH CENTER AND GRADUATE SCHOOL ICS

To Dirk Helbing and Steven Bishop
Coordinators of the EU Flagship Pilot FuturICT

Date
September 29, 2011

Ref. nr.
11-075- RW-ss

Subject
Letter of support

Dear Sirs,

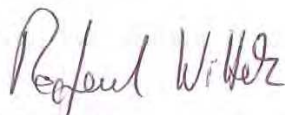
As Scientific Director and board members of the Interuniversity Center for Social Science Theory and Methodology (ICS) and as chairs of the departments of Sociology at University of Groningen and Utrecht University, we would like to express our strong support for the FuturICT FET Flagship initiative. The FuturICT vision to combine complexity science with extensive ICT tools to address fundamental as well as socially urgent socio-economic problems provides a pioneering new scientific paradigm for the 21st century.

The Interuniversity Center for Social Science Theory and Methodology (ICS) is a sociological research network with researchers from multi-disciplinary backgrounds including sociology, economics, social psychology, but also mathematics and computer science, who specialize in the research in various sociological fields. The ICS consists of senior researchers, post-doctoral researchers and PhD students. The main fields of research include cooperation, social networks, online networks, social inequality, social influence, collective decision making, migration. The scientific approaches to analyze these substantive research fields includes theoretical approaches using game theory and other analytic methods, social simulation including evolutionary dynamics, social network analysis, and related approaches. In addition, the ICS has ample experience in a wide range of empirical methods including experimental and survey methods as well as in the statistical analyses of complex data structures such as longitudinal large-scale network data.

The ICS hosts currently about 60 PhD students, large number of staff members and has a broad international network. In the most recent national review of research departments in sociology in the Netherlands (QUANU, 2009), the ICS departments of Utrecht and Groningen Universities were ranked 1st and 3rd, respectively, out of 9 reviewed research departments.

The substantive fields addressed by the ICS as well as its theoretical and methodological expertise match very well with the FuturICT vision in seeking to provide new ways to combine complexity science with socio-economics, using ICT and technology for the social benefit. We, as well as our ICS colleagues fully support the FuturICT efforts in the Netherlands, in Europe as well as world wide and will be happy to cooperate within FuturICT in any way we can.

Yours sincerely,



Prof. dr. Rafael Wittek
Scientific director of the ICS
Chair of the Department of Sociology
University of Groningen

Prof. dr. ir Tanja van der Lippe
Board member of the ICS
Chair of the Department of Sociology, Utrecht
University

ICS / DEPARTMENT OF SOCIOLOGY, UNIVERSITY OF GRONINGEN, GROTE ROZENSTRAAT 31, 9712 TG GRONINGEN,
THE NETHERLANDS
TEL (+31) (0)50 6469 (SECRETARIAT)

Il Direttore

To whom it may concern

Turin, July 20, 2011

Prot. N. 949

I hereby confirm the interest and willingness of IRES Piemonte to support the initiative "Candidate Flagship FuturICT", coordinated by Prof. Dirk Helbing and Prof. Steve Bishop.

The action areas of the FuturICT Flagship are fundamental to enhance the sustainability of our Society. Both design and instantiations in practical situations of the relationships between ICT and human organizations are crucial for guaranteeing higher sustainability levels.

Whereas technological development is progressing at a speedy pace, human organizations are moving slower: re-aligning the evolution of the two systems is therefore a main challenge. This has been a main research issue also in IRES for the last 10 years.

Founded in 1958, IRES Piemonte is the public research agency of Regione Piemonte, supporting policy activities and leveraging the appropriation of scientific knowledge by governmental bodies.

A core group of 40 fully employed researchers carry out activities dealing with socioeconomic, spatial and environmental issues, in the span between basic and applied research, in a multidisciplinary way, also through international cooperative work.

We look forward to contributing our competences as the Flagship develops.

Yours sincerely,

Marcello La Rosa



Bologna, 10th October 2011

To whom it may concern

As President and members of the Board of Directors of the Research Foundation “Istituto Carlo Cattaneo”, we hereby confirm our interest and willingness to participate and support the research group “FuturICT” for the FET-ICT initiative of the EU.

We firmly believe that the scientific issues that FuturICT intends to address are crucially relevant in order to discover and develop new paradigms in social and economic sciences with the rigorous methods of mathematics and physics. We foresee useful applications of the main topics carried out by “FuturICT” under those visionary yet realistic plans toward a sustainable society.

The expertises actually working at the Istituto Carlo Cattaneo have the necessary interdisciplinary nature to work and collaborate on research themes like: immigration policy, criminality, political participation, welfare policies, public administration, political economy and economic behaviour. Moreover, the investment that the Foundation is making toward the merging of “hard sciences” with “soft/social sciences” matches perfectly the FuturICT “research soul”.

The reference academics within our organization are:

Elisabetta Gualmini, President of the Cattaneo Institute and Professor of Political Science at the University of Bologna;

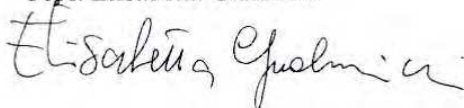
Asher Colombo, Board of Directors of the Cattaneo Institute and Professor of Sociology at the University of Bologna;

Pierluigi Contucci, Board of Directors of the Cattaneo Institute and Professor of Mathematical Physics at the University of Bologna;

Filippo Taddei, Board of Directors of the Cattaneo Institute and Professor of Economics at the Collegio San Carlo in Turin and the Johns Hopkins University, Bologna Center.

Best regards.

Prof. Elisabetta Gualmini



Via Santo Stefano 11, 40125 Bologna Internet: <http://www.cattaneo.org>
Tel. 051239766 - 051235599 Fax 051262959 E-mail: catt@cattaneo.org



Il Commissario

Roma, 18 MAG. 2011

Prot. ENEA/2011/28759/UTMEA

To whom it may concern,

On behalf of ENEA (Italian National Agency for New Technologies, Energy and Sustainable Economic Development), I am writing to express my strong support for the scientific initiative "FuturICT", led by prof. Dirk Helbing (ETH Zurich) and presented at the FET Flagship initiative.

ENEA considers the themes at the bases of the FuturICT project of great relevance and central with respect to its institutional goals: the advancement of new technologies for the support to the creation of a sustainable growth. The aims of FuturICT are ambitious and embrace a number of areas where ENEA is very actively involved: among them the "Smart City" paradigm, the protection of Critical Infrastructures as central elements for ensuring citizens well being, climatological studies to evaluate impact of new technologies and the strategic options for driving economic growth, pervasive ICT tools for increasing the impact that new technologies can have on societies. As such, I believe that ENEA could make a relevant scientific contribution to the project from which, in turn, could extract new ideas to be implemented in new tools and services to citizens.

In this respect, ENEA will commit to support the project by letting available competences and experiences of its scientists from its different Technical Units.

The Agency will support the FuturICT initiative and will directly contribute to the definition of the themes and the technological objectives to be pursued.

In order to provide a necessary front-end between the Agency and the FuturICT project team, I indicate

- dr. Vittorio Rosato (Head of the Computing and Technological Infrastructure Laboratory)
vittorio.rosato@enea.it
- dr. Mauro Annunziato (Coordinator for the Eco-industry technology initiatives)
mauro.annunziato@enea.it

as ENEA responsible for the interaction with the FuturICT project.

I would like to further remark the relevance of the FuturICT goals and the ambitious and visionary turn of mind expressed by prof. Helbing in his proposal, aiming at providing new perspectives for the ICT development in support and sustain to societal growth.

ENEA
AGENZIA NAZIONALE
PER LE NUOVE TECNOLOGIE, L'ENERGIA
E LO SVILUPPO ECONOMICO SOSTENIBILE
Il Commissario
(Ing. Giovanni Nelli)

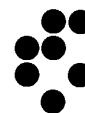
ENEA
Agenzia nazionale per le nuove tecnologie,
l'energia e lo sviluppo economico sostenibile
Codice Fiscale 01320740580
Partita IVA 00985801000

Lungotevere Grande Ammiraglio Thaon di Revel, 76
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Casella Postale 2358 - 00100 ROMA A.D
www.enea.it

Telefono 06 3627.2202
Telefax 06 3627.2943

Institut "Jožef Stefan", Ljubljana, Slovenija

1001 Ljubljana, p.p. 3000 / Jamova cesta 39 / Tel.: n.c. 4773 900, Fax: 4235 400
Tlx.: 31 296 JOSTIN SI



vaš znak:

naš znak:

datum:

Letter of Support

Ljubljana, September 30th, 2011

To whom it may concern;

This letter is to express the explicit interest of the Jožef Stefan Institute, Jamova cesta 39, 1000 Ljubljana, Slovenia in the FuturiCT Flagship initiative. Our Institute envisions to engage in several of the visions sketched out in FuturiCT and will involve several of our key scientists. Should FuturiCT materialize it is strongly intended to support it institutionally in all possible ways, in particular, in terms of infrastructure, matching projects, and logistically and morally.

With best regards,

Prof. Dr. Jadran Lenarčič,
Director of the Jožef Stefan Institute



Institut
"Jožef Stefan"
Ljubljana, Slovenija



EUROPEAN COMMISSION
JOINT RESEARCH CENTRE
Institute for the Protection and Security of the Citizen
Director

Ispira, 10th October 2011
JRC/G02/E/DAK/Is/Ares(2011)1075194

TO WHOM IT MAY CONCERN

SUBJECT: FuturICT Flagship project

It is with pleasure that I confirm the strong interest of the Institute for the Protection and Security of the Citizen (IPSC) of the Joint Research Centre (JRC) of the European Commission in the FuturICT candidate FET Flagship Project.

The JRC functions as a reference centre of science and technology for the EU. Close to the policy-making process, it serves the common interest of the member states in the European Union, while being independent of special interests, whether commercial or national. The IPSC is one of the seven institutes of the JRC and through its research activities on ICT, engineering and complex systems, it provides scientific and technical support on security and crisis management issues to policy-makers of the European Union.

The IPSC proposes the following areas of interest for consideration in the FuturICT flagship project:

- Guiding the alignment of FuturICT topics to European policies concerned with internal and global security whose objectives include: preventing and combating crime and terrorism, preventing, anticipating and responding to crises and disasters, increasing the security of networked and physical infra-structures, cyber-security as well as ensuring trust and privacy in digital societies.
- Development of new data science capable of handling and fusing the fast increasing volume of data and information from sensors, machines and information-enhanced products with the next generation of information and communication technologies, thereby helping to address major security challenges such as innovative, resilient and secure societies.
- Facilitating and fostering the cooperation on ICT and crisis management as well as digital privacy and trust amongst European and international scientific research organizations, thereby supporting the development of innovative research and technologies needed to address major security challenges such as innovative, resilient and secure societies.
- Developing a better understanding of the anticipated impacts of FuturICT topics on ethics, in particular on privacy (beyond data protection), dignity and reputation, and developing methods, tools and techniques to design and implement ICT systems that genuinely convey and incorporate these moral values into the system life cycle.

The IPSC confirms its strong interest in the FuturICT initiative, particularly in the part of its research programme related to resilient and secure societies.

Yours sincerely,

Dr. Stephan Lechner
Director, IPSC

cc: JRC: D. Al-Khudhairy, J.P. Nordvik

Joint Research Centre - 21027 Ispira (VA), Italy - TP 268
Telephone: direct line (+39-0332) 789947, exchange 789111 -
E-mail Internet: stephan.lechner@ec.europa.eu



EUROPEAN COMMISSION
DIRECTORATE-GENERAL
JOINT RESEARCH CENTRE
Institute for Energy
Institute Director

Petten, 14 July 2011
F00/DIR/GDS/Ares(2011)

TO WHOM IT MAY CONCERN

Flagship FuturICT

As Director of the Institute for Energy of the Joint Research Centre, I am very pleased to confirm our strong interest and support to the FuturICT candidate FET Flagship Project.

The Institute for Energy (IE) provides scientific and technical support on energy issues to policy makers of the European Union (EU). Special emphasis is given to the security of energy supply and to more sustainable, safer and cleaner energy production and use for the future. The IE is one of the seven Institutes of the Joint Research Centre, a Directorate General (DG) of the European Commission. The JRC functions as a reference centre of science and technology for the EU. Close to the policy-making process, it serves the common interest of the Member States, while being independent of special interests, whether commercial or national. The IE is based both in Petten (the Netherlands) and Ispra (Italy) and has a multidisciplinary team of more than 350 academic, technical and support staff.

The JRC IE confirms its interest in the FuturICT initiative and in particular in the part of the research programme related to energy and sustainability in collaboration with the Politecnico di Torino and the other partners.

Specific areas of our interest that we would like to propose to FuturICT are:

- Assessment of the vulnerability, reliability and security of supply challenges of the energy transmission and distribution network infrastructures, based on dedicated models and simulation tools.
- Assuring the alignment of the FuturICT energy topic to European policy initiatives related to the development of the current and future transmission and distribution networks, keeping track of the evolution of the SmartGrids and Super Grids concepts during the development of the project.
- Supporting the cooperation on smart transmission and distribution grids with key international stakeholders.

With respect to the formalization of our participation, we will coordinate it with other potentially interested JRC institutes.

In conclusion, the JRC IE confirms its interest in the FuturICT initiative and in particular in the part of the research programme related to energy and sustainability.

Sincerely,

Dr. Giovanni De Santi

Director Institute for Energy

Westerduinweg 3, Postbus Nr. 2, 1755 ZG Petten (N.-H.) - Netherlands. Telephone: (31-224)56-5656.
Telephone: direct line (31-224)56-5401. Fax: (31-224)56-5601.

E-mail: Giovanni.de-santi@ec.europa.eu



Kiel Institute for the World Economy

Vicepresident

Prof. Dirk Helbing
Department of Humanities and Social Sciences
Chair of Sociology
ETH Zurich
Clausiusstrasse 50
8092 Zurich
Switzerland

November 23, 2010

Dear Professor Helbing,

As the President of the Kiel institute for the world Economy, I hereby confirm our great interest in and support for the proposed FET Flagship FuturICT project within the eighth Framework Programme of the European Commission.

The Kiel institute considers the FuturICT project as an ambitious multi-disciplinary endeavor that addresses some of the most important challenges to science and society in our times. As we have witnessed over the last few years the complex interactions of humans in socio-economic systems can easily lead to systemic instabilities and contagious reactions of markets that all too easily put the well-being of our industrial societies at risk. Economic instabilities might interact with social and political forces in a vicious way leading to 'pathological' collective behavior like the thread of a new protectionism. Obviously, a deeper understanding of the interaction between economic and social/political dynamics is required to face the grand challenges of the 21st century.

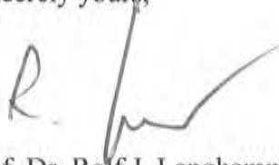
The Kiel institute has a traditional focus of research on global economic problems from a global perspective, and it aims at fundamental economic research that provides a foundation for policy and business strategies for addressing global problems. These aims are fully in line with the stated goals of the FuturICT project, and I believe that such a strong cluster of

Hindenburgufer 66, D-24105 Kiel, Telefon: +49431 / 8814-1, Extension: +49431/8814-203
Telefax: +49431/8814 524 – E-mail: rolf.langhammer@ifw-kiel.de

scientists from various fields could tremendously foster our understanding of the socio-economic world that we ourselves have created.

The Kiel Institute is, therefore, fully supportive of the FuturICT proposal, and it will be represented in the consortium by Prof. Thomas Lux, Head of the Research Area *Financial Markets and Macroeconomic Activity*. I look very much forward to the implementation of this important initiative.

Sincerely yours,

A handwritten signature in dark ink, appearing to be 'R. Langhammer', with a long, sweeping horizontal stroke at the end.

Prof. Dr. Rolf J. Langhammer



Otwock-Świerk, January 14, 2012

TO WHOM IT MAY CONCERN

Flagship FuturICT

National Centre for Nuclear Research (NCBJ) strongly supports scientific goals of the planned FuturICT Flagship Project as cutting-edge initiative focused on complex systems. We are convinced that the project will provide a new insight into the multidisciplinary domain of complex systems driven by large data sets.

NCBJ provides both the supercomputer resources and group of highly qualified researchers and engineers. With the budget of 25 Mln EUR we are currently establishing Computing Centre Świerk (<http://www.cis.gov.pl>) where the range of subjects extends from nuclear physics and engineering, through high energy physics, security and hazards analyses, energy networks, to a number of more specific topics. The group of scientists and engineers, lead by prof. Wojciech Wiślicki, is involved in a number of generic topics related to complex coupled networks, multi-agent game theory and stochastic processes. I am confident that the group can significantly contribute to the FuturICT project objectives.

With this letter I confirm NCBJ's support for the proposed Flagship FuturICT and interest in active collaboration.

Yours faithfully,

Professor Grzegorz Wrochna
Director, National Centre for Nuclear Research



To whom it may concern
FuturICT flagship Project

Letter of support

As the deputy director of the Mathematical Institute of the Serbian Academy of Sciences and Arts I am pleased to express our great interest in the FuturICT Flagship proposal.

The Mathematical Institute (<http://www.mi.sanu.ac.rs/>) was founded in 1946 as the first institute of the Academy. Today, as an institutional member of the European Mathematical Society, the Institute is the unique centre for mathematically oriented fundamental and technological research in Serbia. We have more than 50 full-time researchers and over 200 part-time collaborators employed at almost 50 different institutions. They are involved in 9 national multidisciplinary research projects that are closely related to ICT (logical foundations of ICT, cryptology, global computing, digital image analysis, graph-theory, mathematical optimization models, digitization).

Our scientists look forward to collaborating with other members of the international community in the framework of the FuturICT with the hope that the project will be successfully launched.

Sincerely yours,

Belgrade, 25. 11. 2011.


dr Zoran Ognjanović,
Deputy Director





Netherlands Organisation for Scientific Research
Chemical & Physical Sciences Division

University College London
Department of Mathematics
Prof. S. Bishop
Gower Street
London
WC1E 6BT
Groot Brittanië

Date: November 26, 2010
File nr: 600.001.514.30
Correspondence nr: 2010/13977/EW
Phone: +31 (0)70 344 07 10
Fax: +31 (0)70 344 08 61
E-mail: s.melhuizen@nwo.nl
www.nwo.nl

**Please include Date, File nr and
Correspondence nr in any reply**

Subject: FET Flagship Initiative Preparatory Action

Dear Professor Bishop,

The Netherlands Organization for Scientific Research (NWO) herewith expresses interest in the coordination action initiative "FuturICT" submitted to the FP7 FET Proactive call in the Objective ICT-2011.9.5: FET Flagship Initiative Preparatory Actions.

The efforts of this flagship initiative can be of great importance for the societal and economic development of the Netherlands, in terms of global competitiveness, life course of citizens and social welfare. The initiative "FuturICT" is aligned with the NWO theme "Cultural and Societal Dynamics". This is one of the six themes within NWO's strategy for the period 2011 – 2014.

The Netherlands Organization for Scientific Research looks forward in working together with the consortium in case the project is selected as one of the FET Flagship pilots.

Yours sincerely,

Dr. Louis B.J. Vertegaal
Director Chemical & Physical Sciences Division
Netherlands Organization for Scientific Research

Anna van Saksestraat 51, NL 2593 HW The Hague
P.O. Box 93460, NL 2509 AL The Hague, the
Netherlands

IBAN: NL83FTSB0642330824, BIC FTSBNL2R
ABN AMRO, Rotterdam 64 23 30 824
CoC The Hague 27367015, VAT NL.002305884.B01

April 11th, 2012

Subject: Letter of Support for FuturICT

Dear FuturICT leadership:

As the Director and Norden Project Leader of the Nordic Centre of Excellence for Strategic Adaptation Research, NCoE NORD-STAR, a Nordic Top-Research Initiative Flagship Project. I am pleased to give my strongest possible recommendation and support to FuturICT.

NORD-STAR is pleased to support FuturICT in any way we can. FuturICT's visionary plan to build a sophisticated framework for simulation, visualisation and participation, called the FuturICT Platform as well as the suite of models forming the Living Earth Simulator to power Observatories, to detect and mitigate crises plus identify opportunities in specific areas; fit well into NORD-STAR research efforts dealing with visualization, decision making, participatory involvement as well as adaptation strategy in general.

I would be pleased to elaborate if any further information is needed. You are more than welcome to contact me.

Yours Sincerely,



Professor Michael Evan Goodsite, Director
Nordic Centre of Excellence NORD-STAR
Aarhus University
AU-Herning
Birk Centerpark 15
DK-7400, Herning
Denmark
Email info@nord-star.info
+45 60 11 25 57 (direct number to Professor Goodsite)
www.nord-star.info



National Environmental Research Institute
Aarhus University
Frederiksborgvej 399
PO Box 358
DK-4000 Roskilde

06 May 2010

Dirk Helbing
ETH Zurich
Department of Humanities and Social Sciences
Chair of Sociology, in particular of Modeling and Simulation
Clausiusstraße, 50
8092 Zürich
Switzerland

Dear Dr. Helbing

As chairman of the Partnership for European Environmental Research (PEER), I would like to express the strong interest and support of PEER for your "FuturIcT" flagship initiative.

The PEER group consists of seven of the main European environmental research institutes¹, many of which are involved in the complex interaction between climate, environment and society. One of our goals is to strengthen the European environmental research thanks to our institutes' collaborations, especially by participating in projects with strong external partners in areas that are relevant to our researchers. We see the flagship project as an opportunity to strengthen the inter-disciplinary research that is much needed in the field, and we would be happy to be involved in this initiative.

Thank you for your effort in bringing this project proposal forward, and I am looking forward to hearing from you.

Yours sincerely,

Henrik Sandbech

PEER Chair & Director General of National Environmental Research Institute, Aarhus University
Email: hs@dmu.dk
Direct: +45 4630 1390

¹ National Environmental Research Institute, Denmark; ALTERRA, The Netherlands; Centre for Ecology and Hydrology, Great Britain. SYKE, Finland; UFZ, Germany; Cemagref, France, JRC-IES, European Commission, Italy

Partnership for European Environmental Research

Secretariat address: Wageningen University & Research Centre – Alterra, PO Box 47, 6700 AA Wageningen, The Netherlands
T +31(0)317 486942 secretary@peer.eu www.peer.eu

To whom it may concern

March 28, 2010

Support for the FuturICT Flagship Project

Dear Professor Helbing!

On behalf of the PANORAMA (Pervasive Adaptation) Research Agenda Group within the Future and Emerging Technology (FET) unit of the European Commission, we write to express our strong support of the proposed FuturICT Flagship Project.

PerAda is a vibrant consortium of researchers, manifested in the FET FP7 PANORAMA coordination action, involving the leading Pervasive Adaptation research consortia ALLOW, ATTRACO, FRONTS, REFLECT, SOCIALNETS and SYMBRION, all concerned with technologies used in information and communication systems which are capable of autonomously adapting to highly dynamic user contexts. The development of future systems will increasingly require collaborative systems, involving complex interactions between people, intelligent objects and computers. The real challenge will be the constantly changing networked environment that can no longer be centrally controlled, or even completely understood, by the developer or user. To be successful especially in such highly dynamic environments, systems will have to adapt themselves, taking into account the emergent behaviour of the system. More than 650 renowned researchers in this area are coordinated by PANORAMA (see www.perada.eu).

Within PANORAMA, the Research Agenda Group is concerned with the identification of the most challenging frontiers of research in Pervasive Computing and Communications, supporting decision makers, stakeholders and policy makers within the Future and Emerging Technology (FET) unit of the EC, the leading authorities in academia and scientific research worldwide, and future-oriented industrial stakeholders in the ICT area in Europe and across continents.

Many of the grand research challenges identified by PANORAMA are coherent with what FuturICT attempts to establish as the most profound scientific initiative in this century. After almost a whole century of ICT focussed on and centered around the individuals or groups of people, the FuturICT Flagship approach will open a whole new dimension of ICT at the level of societies, and eventually the whole human mankind. It is crucially important for an initiative that reaches out for the ultimate ICT frontiers, to find its underpinning not only in

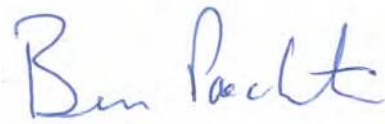
technology, but also in societal knowledge and understanding, in societal behaviour and styles of living, in the physics and laws of society, and in the fabric of socio-technical compounds.

To the best of our knowledge, no ICT research initiative, in Europe or elsewhere, has ever raised or rigorously aimed for a “future ICT” that addresses not only single users or user groups, but all humankind. No ICT research initiative has ever addressed the societal dimension of ICT so profoundly as FuturICT, and never has humankind been in a more challenging situation as far as ICT is concerned - considering the explosive growth of the Internet, the miniaturization of highly advanced electronics, the pervasive availability of (wireless) communication, the confluence of humans and machines, the self-awareness of ICT-enabled things, just being vanguards of what FuturICT envisions as today’s horizon, but tomorrows past of ICT.

The Research Agenda group of PANORAMA with all its enthusiasm expresses its wholehearted support of the FuturICT Flagship and is willing to share, exchange, accelerate and coordinate, in order to make the most fascinating scientific endeavour of this century become reality. The group—associated with the whole pervasive computing and communications scientific community—is excited about the proposed scientific challenges, and even more by the social and societal impacts envisioned by the FuturICT Flagship initiative.



Alois Ferscha
Head of the PANORAMA Research Agenda
(University of Linz)



Ben Paechter
PANORAMA Coordinator
(Edinburgh Napier University)

Physics of Socio-Economic Systems Division
of the German Physical Society (DPG)



To: Wolfgang Boch
Head of FET

Zurich, March 28, 2010

Letter of Support for the FuturICT Flagship

Dear Wolfgang Boch,

in its last members assembly on March 23, 2010, I have informed the Physics of Socio-Economic Systems Division about the FuturICT Flagship initiative. As a result of our discussions, I can report an overwhelming support of the Division for the participation in this Flagship initiative.

The Physics of Socio-Economic Systems activities have been running within the German Physical Society since 2001. Since then, we have held annual workshops with many talks and poster presentations on subjects such as

- financial markets and risk management,
- economic models and evolutionary game theory,
- traffic dynamics, urban and regional systems,
- social systems, opinion and group dynamics,
- networks: from topology to dynamics, and
- science of science.

We often have joint sessions with the Dynamical Systems and Biological Physics Divisions. Furthermore, we intend to have sessions on massive data mining and social supercomputing, soon. Next year, we will have a joint focus session with the Environmental Physics Division.

One of our highlights each year is the Young Scientist Award for Socio- and Econophysics, which is given annually to a young researcher with exceptional visibility, who has made an important contribution to the understanding of social or economic systems. The winners of this prize come from all over the world and from a large variety of research areas. Due to its large recognition and the practically relevant subjects, the prize also enjoys a large resonance in public media.

Having started with about 30 members, the Physics of Socio-Economic Systems Division has grown to more than 320 members in less than 10 years and welcomes members from all countries. Our international outreach is due to the fact that other Physical Societies in the world often have working groups in the area of physics of socio-economic systems, but they usually do not have the status of a Division. Through its member directory, newsletters, mailings and workshops, the Division is an excellent vehicle for the dissemination of scientific news.

While our scientific organization is an academic one, a considerable fraction of its members is working in various kinds of businesses, such as banks, insurances, and consulting companies. This shows that there is a strong interest in an exchange between academic and business partners in this area.

I am sure that the commitment of the Physics of Socio-Economic Systems Division is a great asset for the FuturICT flagship and one of the pillars to make it a great success.

Sincerely yours,

Dirk Helbing
Chairman of the DPG Physics of Socio-Economic Systems Division
<http://www.dpg-physik.de/dpg/gliederung/fv/soe/>, dhelbing@ethz.ch

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Director

RM-84/2011

Prof. Dr. Dirk Hebling
Department. of Humanities and Social Sciences
Chair of Sociology (Modeling and Simulation)
ETH Zürich
CLU E1
Clausstrasse 50
Börsenplatz
Switzerland

Dear Professor Hebling,

as the director of the Research Institute for Particle and Nuclear Physics of the Hungarian Academy of Sciences (RMKI), I am pleased to confirm the RMKI's great interest in and strong support for the FuturICT proposal for a FET flagship.

As our institute is committed to the promoting of multidisciplinary research, built on the strong theoretical and methodological basis of physics, we would be happy to unify our efforts in the Europe-wide collaboration within the FuturICT flagship. Since the FuturICT proposal aims for many of the the most important challenges of today's society, we hope that our expertise in various fields of research will be a beneficial contribution to facing and solving these compelling tasks: the Department of Biophysics conducts projects in the wide range of interdisciplinary research from socio-economic-networks, through computational neuroscience, to personalized health-care systems. The Computer Networking Center of our institute, which includes a large CPU/GPU grid, is involved in research and development tasks which comprise projects in the fields of data processing, computer science and information technology. The special field of the Laboratory of Speech Technology for Rehabilitation is the development of a set of integrated text-to-speech tools for the blind.

In conclusion, we would like to express our full support to the EU FET Flagship initiative and for the FuturICT project as well, and we offer our support and cooperation during the preparation phase in order to build up a successful project.

I delegate Prof. Péter Érdi, the head of the Department of Biophysics, to represent our institute within the project.

Budapest, 8 June, 2011



Yours sincerely,

S. Nagy

Prof. Zoltán Szőkefalvi-Nagy

Dirk Helbing
ETH Zurich
Department of Humanities and Social Sciences
Chair of Sociology, in particular of Modeling and Simulation
Cluasiusstrasse, 50
8092 Zurich
Switzerland

March 25, 2010

Dear Professor Helbing,

As director of the French Network for Complex Systems (RNSC), I hereby express the strong interest and full support of the RNSC for your "FuturIcT" flagship initiative.

Indeed, our network, which is funded by the main Research Organisations¹ in France, has among its objectives to help the coordination of the research about Complex Systems taking place in these organisations. We see the flagship initiative as a means to boost new collaborations in this research and drive it towards new breakthroughs. It would hence be a great opportunity for the network to be involved in this initiative.

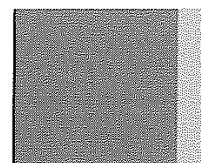
Thank you for all your efforts invested in this project.

Yours sincerely,



Paul Bourguine
Directeur du RNSC
Directeur du CREA-Ecole Polytechnique

¹ CNRS, Inserm, INRA, INRIA, IRD, CEMAGREF, IFREMER, CIRAD, Conference of Presidents of the Universities, Conference of Grandes Ecoles.



3 November 2010

Re: Visualization – a decision tool for sustainable development

Mistra, The Swedish Foundation for Strategic Environmental Research, do commit itself to discuss the pre-proposal of a future project in the EU Future ICT with the Centre of Climate Science and Policy Research, Linköping University, Sweden.

Mistra has during 2010 visit the Visualization and Interaction Studio in Norrköping, Sweden and met the director Björn-Ola Linnér and his research team of the Centre for Climate Science and Policy Research. The Centre is a joint venture between Linköping University and the Swedish Meteorological and Hydrological Institute, SMHI.

Mistra is a foundation and is currently funding about fifteen research programmes in the area of sustainable development and strategic environmental issues. We would especially like to mention the climate policy programme Clipore. See www.mistra.org

Stockholm 3 November 2010

Lars-Erik Liljelund

Executive Director



Swiss Institute of Service Science
c/o Prof. Dr. Christoph Heitz, President
Institut für Datenanalyse und Prozessdesign
Postfach 805
CH-8401 Winterthur

To whom it may concern

Winterthur, 1. Dez 2010

Support of FuturICT FET Flagship proposal

As Chair of the Swiss Institute of Service Science (SISS) I would like to express our strong interest in and support for the FuturICT FET Flagship proposal.

The FuturICT Flagship project is an ambitious, cross-cutting, interdisciplinary project that aims at understanding and managing our complex global social system through bringing together the fields of ICT, Complexity Science and Social Science. The FuturICT research themes are highly relevant for Service Science, with a large potential for application in this area.

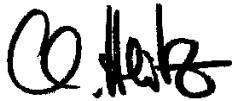
SISS is a unique and powerful think-tank with a strong impact on the Swiss service economy. It is organized as a joint venture of the School of Engineering at Zurich University of Applied Sciences, the Geneva School of Business Administration of the University of Applied Sciences Western Switzerland, the School of Applied Psychology of the University of Applied Sciences North-West Switzerland and the Institute of Technology Management and Transfer Center for Technology Management of the University of St. Gallen, and supported by KTI/CTI the Swiss agency for promotion to innovation. Each of the participating institutes already has a history of interdisciplinary research, in particular of trying to bring together the business perspective, the engineering perspective, and the human factors perspective.

SISS's mission is to serve the Swiss service sector as well as the service-related part of the Swiss manufacturing industry by generating innovation and knowledge by integrating business, engineering, and human factors into a joint scientific research agenda for service, supporting the implementation and dissemination of knowledge in Switzerland by close cooperation with companies, bringing together researchers and practitioners for creating innovation and smart solutions, and using its international network for stimulating innovation in Switzerland. The main activity of

the institute is to perform applied research projects, typically together with one or more Swiss companies, and led by one or several of the participating researchers, and to disseminate the results within Switzerland.

A cooperation of the FuturICT Project and SISS will be mutual beneficial in giving SISS members access to the latest developments and creating leverage for the FuturICT Flagship by implementing the concepts in cooperation with and through industry partners.

Sincerely

A handwritten signature in black ink, appearing to read 'C. Heitz', with a stylized, cursive script.

Swiss Institute of Service Science
Prof. Dr. Christoph Heitz, President

Workshop in Political Theory and Policy Analysis

513 N. Park Avenue Bloomington, IN 47408-3895 (812) 855-0441 fax (812) 855-3150
workshop@indiana.edu www.indiana.edu/~workshop

October 14, 2011

Subj: FET Flagship Proposal FuturICT

To Whom It May Concern:

As Senior Research Director of the Workshop in Political Theory and Policy Analysis at Indiana University, I am pleased to confirm my keen interest and support for the FuturICT Flagship proposal.

The mission of the Workshop in Political Theory and Policy Analysis, for more than thirty years, has been to investigate the deep workings of human institutions, in particular the organizational structures and appropriation and provision rules relating to the sustainable management of common pool resources. Institutions pervade every aspect of life, from public services to family and community structures to natural resources and beyond, and the Workshop's research helps people design and adapt their institutions so that they generate better outcomes. Indeed, the betterment of humankind and the sustainability of the planet depend significantly on the ability of otherwise fallible human beings to develop institutions which foster trust and encourage reciprocal norms. This enables collective action and better decision-making for resource management and self-government.

Given this agenda, we are delighted to learn of the aims, objectives and ideals of the FuturICT project. The Workshop has a wide range of interests in common-pool resources and sustainability, and governmental institutions and sustainability, and these especially resonate with the FuturICT project's research program to design and diagnose complex, global, socially interactive systems, whose focus is on sustainability and resilience. We are also taken by its aim to make and synthesize knowledge for and in the service of the public good, as the idea of the 'knowledge commons' (as manifested in the Digital Library of the Commons) has also been a particular focus of the Workshop's interests. We are also delighted to note that the proposal is highly interdisciplinary and multidisciplinary, bringing together computer scientists and social scientists. The Indiana University Interdisciplinary Experimental Laboratory initiated by the Workshop similarly brings together economic, political and information scientists to analyze the impact of policy formation and application on complex systems at multiple spatial and temporal scales.

Given this complementarity between the Workshop's mission and goals and the FuturICT project's aims and objectives, we are delighted to express our strong support for the proposal and would welcome the opportunity to collaborate in the future.

Sincerely,

Elinor Ostrom
Indiana University Distinguished Professor
Arthur F. Bentley Professor of Political Science
Senior Research Director, Workshop in Political Theory and Policy Analysis

/nt

Supercomputing Centers



**Barcelona
Supercomputing
Center**
Centro Nacional de Supercomputación

C/ Jordi Girona, 29
Edifici Nexus II
E-08034 Barcelona (Spain)
www.bsc.es

Barcelona, 22/November/2010

To whom it may concern

Professor Mateo Valero, as director of the Barcelona Supercomputing Center – Centro Nacional de Supercomputación (BSC-CNS) is pleased to confirm the support and interest of this research institution for the FuturICT proposal as a FET flagship.

In the last years BSC-CNS has started a new research line focused on the use of High Performance Computing technologies in Social Sciences and Humanities. We consider that this is one of the main trends of research in supercomputing and e-Science research, and therefore we fully support FuturICT, as this project seems to be the way to unify European research towards this common goal. High-Performance Computing applications will be one of the key for the success of this ambitious project, and BSC-CNS will be pleased to participate on it, contributing with the expertise of its research team as well as its facilities.

Yours sincerely,

Mateo Valero
BSC-CNS Director

TO WHOM IT MAY CONCERN

As director of the Irish Centre for High End Computing (ICHEC) I hereby confirm ICHEC's interest and support for the FuturICT FET flagship proposal.

The FuturICT project is a broad inter-disciplinary project that embraces a number of key future research areas that will require substantial underpinning by computation. ICHEC operates the Irish national HPC service and is providing the data management as well as the supercomputing resources to address similar challenges. The requirement of high performance computing to deal with the research questions posed within FuturICT offer an ideal platform for active collaboration between the two entities.

Yours sincerely,



Prof. Dr. Dirk Helbing
ETH Zürich
Department of Humanities and Social Sciences
Chair of Sociology,
in particular of Modeling and Simulation
Clausiusstraße 50
8092 Zürich
Schweiz

Ihr Zeichen:
Ihre Nachricht vom:
Unser Zeichen:
Unsere Nachricht vom:

Ansprechpartner: Prof. Th. Lippert
Organisationseinheit: IAS/JSC

Telefon: 02461 61-6402
Telefax: 02461 61-6656

E-Mail: th.lippert@fz-juelich.de

Jülich den 08.11.2010

FET Flagship Proposal FuturICT

TO WHOM IT MAY CONCERN

As director of the Jülich Supercomputing Centre (JSC) I hereby confirm JSC's great interest in and support for the proposed Flagship FuturICT.

The FuturICT project is an ambitious, cross-cutting, inter-disciplinary project which embraces a number of important research themes as well as significant engineering challenges and innovation in ICT. Especially the supercomputing and data management research is closely related to the work performed in JSC.

JSC provides supercomputer resources, IT tools, methods, and knowhow for scientists at the Research Centre Jülich, at universities and research laboratories in Germany and in Europe - as well as for industrial partners. It operates the central supercomputers, server systems, and the campus-wide computer networks and communication systems.

With this letter I confirm JSC's support for the proposed Flagship FuturICT and its interest in active collaboration should the venture be successful.

Yours faithfully,



Prof. Dr. Dr. Thomas Lippert

Director of Institute for Advanced Simulation
Head of Jülich Supercomputing Centre



POZNAN SUPERCOMPUTING AND NETWORKING CENTER

Affiliated to the Institute of Bioorganic Chemistry of the Polish Academy of Sciences

61-704 Poznań ul. Z. Noskowskiego 10, Poland, phone: (+48 61) 8582000, 8552482, fax: (+48 61) 8525954, e-mail: office@man.poznan.pl

28th November 2011

To Whom It May Concern,

I am writing to support the outstanding FuturICT FET flagship project in which we would really like to participate and therefore shape a development process of ICT in Europe.

Poznan Supercomputing and Networking Center (PSNC) is the leader in innovative Information and Communication Technologies in Europe. Over the last decade PSNC has successfully contributed in over 60 EU-funded project in the ICT domain. Among the most closely connected with the FuturICT FET project scope of interest are research on large-scale complex systems and social simulations. This was the motivation for PSNC that prompted the initiation of the EU-funded FP6 QosCosGrid project, whose aim was to develop core grid technology capable of providing quasi-opportunistic supercomputing grid services and technology. Currently, PSNC is leading joint activities among the biggest European e-Infrastructure 7PF projects: EGI.org, PRACE and MAPPER to enable new users to model and simulate a huge range of complex systems onto European High Performance Computing facilities. A strong interest in the abovementioned fields and the ability to develop and offer new useful tools and services for advanced parallel complex system simulations can be translated into our positive impact on the works within the FuturICT project. It could enormously enrich our development and research within the fields, and be conducive to a great progress within a FuturICT platform to support decision-making of policy-makers, business people and citizens in the future.

Yours sincerely,

Technical Director of PSNC

Maciej Stronowski, Ph.D.

Contract and Invoice address: Institute of Bioorganic Chemistry of the Polish Academy of Sciences, 61-704 Poznań, Poland, ul. Z. Noskowskiego 12/14, Poznań Supercomputing and Networking Center. NIP: 777-00-02-062,

Account: BRE Bank S.A. O/Poznań 40 1140 1124 0000 3115 6600 1008

Manno, Friday, November 26, 2010

Intent to collaborate and support FuturICT FET flagship project

To whom it may concern

I am herewith confirming our support for the FutureICT project as well as our intent to participate in the development of supercomputing technology relevant to simulations in social sciences.

CSCS is one of the leading supercomputing centers in Europe and has a strong track record in early adoption of new technologies. Recently, we have created a network with researchers throughout Switzerland that is engaging in application development for next-generation supercomputers (see www.hp2c.ch). This broad and systematic engagement in application development has lead to several collaborations with industry leaders and is impacting system design. Thus, HP2C, to which we have just added a project from social sciences, provides an ideal platform for supporting FutureICT. It is presently funded through 2012 at about CHF 5M per year. We are confident that the project will be continued in the next budget period of the Swiss Federation (2013-16).

We are very interested in exploring possibilities to use reserves of the current HP2C platform for kickstarting collaborations with FuturICT, should the latter be selected and funded for a coordinated action in 2011.

Sincerely yours



Thomas Schulthess, Director

Thomas C. Schulthess
Director, Professor of Computational Physics
Galleria 2, Via Cantonale
CH – 6928 Manno

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