

EUREKA
Annual
Review
2011



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“Creating an environment conducive to innovation and the development of new technologies is the task not only of start-ups and Venture Capitalists. It is the task of government and innovation agencies, which must use policy as their tool.

I feel that Israel's reputation of being a nation of innovation and entrepreneurship has grown even greater. The Israeli economy and industry were reinforced by the Chairmanship of EUREKA and already we are seeing the results on the ground.

”

Dr Eli Oppen

Chairman of the EUREKA High Level Group

(July 2010-June 2011)



“As research and innovation are most effectively addressed at the regional level, EUREKA and its solutions clearly appear as one of the natural partners not only for the design of the Cohesion Policy, but also for its implementation.

We acknowledge the need, along with our EU colleagues, to remove gaps in the innovation chain. We need to develop tools – or expand existing ones, but this, along with our other Chairmanship priorities, is ambitious.

”

Sándor Erdő

Chairman of the EUREKA High Level Group

(July 2011-June 2012)



“With EUREKA being so closely linked to the market, we can develop a dialogue with financial institutions, investment funds, venture capitalists and the Commission to see if we can further support our companies all the way along the value chain and get their products to market as soon as possible, but without giving them everything for nothing. It is imperative that the companies still have their own financial support mechanism, and are not just consuming public funds.

After 25 years, EUREKA is the most established brand supporting R&D in Europe and the world. Europe is both a very complex but creative place, with a great industry that is based on technology, from car manufacturing and television to mobile phone technology. Our projects have made so many positive changes to citizens' lives, and our brand name represents just how this is supposed to be done.

”

Luuk Borg

Head of the EUREKA Secretariat, Brussels

PROJECT SHOWCASE

Eurostars E! 4258 ISTAR



AN INNOVATION STAR FOR EUROPE

In the late nineties, researchers from a promising yet volatile French SME in the medical sector decided to bet on their own horse. The seven founders of the pharmaceutical start-up CrossJect teamed-up with businessmen familiar with the pharmaceutical industry and with Gemmes Ventures, an investment fund specialising in start-up support. Now venture capital firms associated to names such as Rothschild are backing CrossJect, which is awaiting favourable conditions for stock-market flotation.

The product is as simple as it is daring – a needle-free injection device – and answers a real market need. First sales are planned for 2014 and the production could already reach 150 million units by this time, covering a fraction of the 12 billion injections given each year worldwide; many of which are administered by the patients themselves.

With a rapidly ageing population in the western world, putting welfare state budgets under pressure, the medical community sees self-injection as a safe and reliable solution, especially adapted to the treatment of chronic diseases such as hepatitis or arthritis. 'We did not try to reinvent the wheel with this project, nor did we come up with a new high-tech process that was not already out there,' says Patrick Alexandre, Chief

Technical Officer at CrossJect 'we created a technology able to answer a simple market opportunity'.

R&D meets finance

From the very beginning of the adventure, CrossJect's strategy has been to actively look for venture capital support. One of the first venture capital companies to invest in CrossJect was Paris-based Gemmes Venture. 'CrossJect is one of the very first companies we invested in, so far we have injected in it 2,5 million euro' says Philippe Monnot, CEO of Gemmes Ventures and chair of CrossJect's supervisory board. 'It was obvious to me that the simplicity of the product and the straightforward nature of the business plan have been key to attract financing'.

'The procedure to obtain public funding through the Eurostars Programme is astonishingly simple,' says Alexandre. Moreover, Eurostars has played an essential role in counterbalancing the risk-aversion of private investors and it has also enabled CrossJect to create a real partnership with a company with skills that could not be found in France.

“ The procedure to obtain public funding through the Eurostars Programme is astonishingly simple. ”

PROJECT SHOWCASE

Eurostars E! 4731 Arrayvolution



BIOTECH START-UP BRINGS DNA-SEQUENCING TO THE MEDICAL MARKET

FlexGen, a dynamic Netherlands-based SME, specialises in the sequencing of the human genome. Nothing new so far, as a complete mapping of human DNA was achieved in 2004. The company was created the same year and, since then, the original founders have gambled on a few emerging trends that may well lead this start-up to become a benchmark in the field.

For the past few years, FlexGen has been leading a consortium formed together with the University Hospital of Leiden in the Netherlands and Molecular Stamping, an Italian SME created by MIT scholar Francesco Stellacci. The group worked on a project called 'Arrayvolution', developed under the auspices of Eurostars. By rapidly and cheaply analysing the genomes of large populations, the technology helps to find the genetic cause of diseases and studies the reaction of the human body to different types of treatment.

Thanks to those findings, it is possible to better understand the causes of a malady and to better adapt medical prescription to the patient. Previously, most efforts in the field concentrated on sequencing an entire human genome: a cumbersome and costly procedure. As a consequence, DNA analysis

has been for a long time the privilege of laboratories oriented towards academic research, moving further away from the original vision of bringing a genetic revolution to medicine.

Another mind-set

Arrayvolution took an innovative approach to genetic sequencing. Gambling on the fact that there was already a market looking for a solution, the team decided to develop a procedure to uncover the secrets held by very specific portions of DNA. Rather than making rough scans available to an elite of scientists, the idea was to aim for precision and to provide labs with the material necessary to make their own genetic analysis. The gamble paid off. Non-existent just five years ago, the DNA-sequencing market now has an estimate worth of one billion euro per year.

Eurostars helped to cover around 50% of the initial financing required for the project. 'The fact that we had the backing of a European programme helped us to get the rest of the money from investors,' says Joop van Helvoort, FlexGen's Chief Scientific Officer. 'It is important that the European Union helps SMEs, especially during the riskier stages of their development,' adds Jaap Blaak, a private investor in the company.

Eurostars: SMEs clearly show their preference for the Programme



Following the two application deadlines organised in the course of last year, the number of project applications received and funded reconfirms that Eurostars is the programme of choice for SMEs. The commitment of the Eurostars member countries to the programme continues to be assured, with national public funds earmarked to the programme being increased substantially in order to better support the innovations being carried out by SME-led project consortia under the auspices of Eurostars.

At the funding synchronisation phase of the sixth Eurostars application deadline, 74 project applications were funded from the 133 applications ranked above the quality threshold.

The R&D-performing SMEs and SMEs targeted by the programme continued to benefit, representing 68% of the participants, proving that the programme truly responds to this crucial sector's needs and expectations.

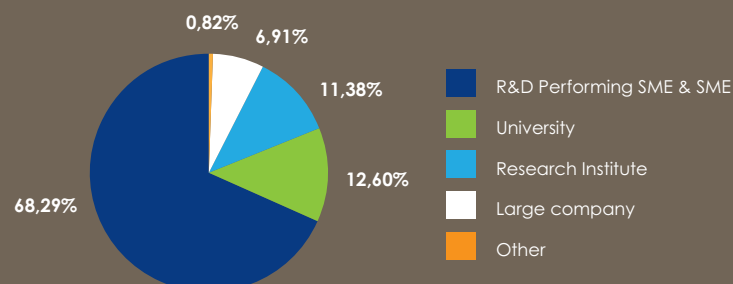
The funded projects include participants from 29 Eurostars member countries as well as collaboration with Thailand.

Main technologies represented in the pool of funded projects are Biological sciences and technologies (31%); Electronics, IT and Telecoms technologies (23%) and Industrial manufacturing, material and transport (25%).

Total public funding estimates amount to 37 million euro from the member countries, with a further 12 million euro from the European Community.

Eurostars sixth application results

Type of participants in Eurostars approved projects for Cut-Off 6



Eurostars seventh application results

The evaluation phase of the seventh Eurostars application deadline received 365 project applications on 22 September 2011 with 115 project applications (out of the 293 eligible applications) ranking above the quality threshold.

The members of the Eurostars Independent Evaluation Panel were pleased to see a large number of high quality applications.

The qualified projects included participants from 24 Eurostars member countries as well as collaborations with the USA. These represented a total cost of 168.5 million euro, of which 78% were borne by SMEs.

Main technologies represented are biological sciences and technologies (28%), electronics, IT and telecoms technologies (27%), industrial manufacturing, material and transport (15%) and energy technology (8%).

The R&D-performing SMEs and SMEs targeted by the programme continue to benefit, with 67% of the 373 qualified participating organisations falling into this category.

EUROSTARS KEY FIGURES

Applications submitted

Total budget

% of SMEs participating

Number of applications funded

Total costs of funded applications (M€)

Total public funding estimated (M€)

1 st Cut off (Feb 2008)	2 nd Cut off (Nov 2008)	3 rd Cut off (Sept 2009)	4 th Cut off (Feb 2010)	5 th Cut off (Sept 2010)	6 th Cut off (Mar 2011)	7 th Cut off (Sept 2011)
215	317	279	316	343	402	365
301 M€	445 M€	390 M€	421M€	495M€	556M€	512M€
74%	73%	71%	71%	72%	72%	71%
90	90	85	64	71	74	71
128	129	128	81	107	100	111
64	63	62	39	47	47	48

European Commission publishes its response to the Eurostars Programme Interim Evaluation Report

On 8 April 2011, the European Commission published its response to the Interim Evaluation Report of the Eurostars Joint Programme. The Interim Evaluation was carried out by a Group of Independent Experts between July and December 2010 chaired by Anne Laperrouze, former MEP and Vice-Chair of the ITRE Committee. In its communication, the Commission welcomes the strong SME interest in Eurostars and highlights its support for the current programme (until 2013, as foreseen). According to the panel's report, the Eurostars Programme is an "attractive programme for R&D-performing SMEs and should be continued". Its bottom-up approach, the easy access to participation and its central evaluation system at EU level are assessed as some of its key strengths.

EUREKA welcomed the panel's statement that "Eurostars is an excellent programme concept that is well aligned with the objectives of Europe 2020 and the need to nurture technology-intensive SMEs."

On 31 May 2011, the European Competitiveness Council welcomed the expert group's conclusions in the presence of the Research and Innovation Commissioner Máire Geoghegan-Quinn.

Eurostars Interim Evaluation Report presented at the European Parliament

The report was also presented during the meeting of the European Parliament's Committee on Industry, Research and Energy (ITRE) on 5 May 2011 at the European Parliament by Anne Laperrouze, Chairwoman of the Expert Group on this report. ITRE committee members were present, as well as representatives from the EU Commission and the EU Council. Laperrouze concluded that with 72% of the projects participating in Eurostars being R&D SMEs the target of the programme has been reached.

Among MEPs' comments, António Fernando Correia de Campos MEP said that the Eurostars Programme is an example of success that should be continued and EU programmes should find inspiration in it, especially for the future Framework Programme.

Eurostars on the Horizon!



EUREKA in the Commission's public consultation on the next Common Strategic Framework for Research and Innovation funding (Horizon 2020).

Following the outcome of the European Commission's public consultation on the Green Paper: Common Strategic Framework for Research and Innovation funding (CSF), EUREKA received an overall positive feedback. Of the 849 position papers responding to the Green Paper, 103 quoted and commented on the EUREKA initiative, EUREKA Clusters and the Joint EUREKA-EU Eurostars Programme. 43% of the responses referred to EUREKA as a good practice example, highlighting that EUREKA's role should be strengthened within the ERA to further pool national and regional resources.

EUREKA Clusters are also quoted as good practice examples of industry-driven activities enhancing cross-border cooperation. They are attractive and flexible instruments covering the innovation cycle.

It is noteworthy that the majority of the quotes mentioning EUREKA referred to Eurostars (i.e. 68%). Mainly governments and businesses quote Eurostars as a good funding programme responding to the needs of SMEs in terms of enhancing internationalisation, attracting SME participation thanks to its bottom-up approach, the open, fast application and evaluation procedure and the low administrative burden.

EUREKA had welcomed the public consultation process initiated by the European Commission

(EC) and presented the views of all EUREKA member countries and instruments in its formal response to the Green Paper: From Challenges to Opportunities: Towards a Common Strategic Framework for EU Research and Innovation Funding (CSFRI). 'EUREKA expects CSFRI to improve the efficiency of R&D support schemes, encourage the commercialisation of knowledge, provide access to new sources of financing innovation, and facilitate international cooperation'.

Eurostars: an example to support SMEs in Horizon 2020

On 30 November, the European Commission presented its 80 billion euro proposal for the new programme "Horizon 2020" (2014-2020). Eurostars was mentioned as an example for SMEs. "Article 185 Initiatives enable the Union to participate financially in research programmes undertaken jointly by several Member States, including participation in the structures created for the execution of national programmes. An example of this is the "Eurostars" programme for SMEs implemented by the Eureka secretariat. The Commission will only consider making a proposal for an Article 185 Initiative where a JPI has demonstrated in its Strategic Research Agenda that it has the capacity for significant collaboration and the necessary scale and scope to support full integration of national programmes. [...] In addition, a specific action will promote market-oriented innovation of R&D-performing SMEs, building on the Eurostars Joint Programme," reads the EC's communication.

Eurostars receives extensive support at the Annual Joint Programming Event 2011

In 2011, EUREKA participated at the Annual Joint Programming Event - the major event for research funders – which took place in Brussels in early November aiming to discuss the latest policy developments on joint programming of research and innovation in Europe and Public-to-Public Partnerships (P2P) in general.

EUREKA was once again mentioned as a good example of ERA implementation measures (national and other) as regards funding and incentives linked to funding by deputy Director General at DG Research and Innovation, Anneli Pauli. The Head of the EUREKA Secretariat, Luuk Borg, further stressed this point in his intervention in the workshop 'Article 185 initiatives for joint research programmes: A model for programme integration of PuPs'. He presented the Eurostars Programme, highlighting its strengths in terms of simplification, efficiency, financial, scientific and managerial integration, as well as the future challenges and innovations of the programme. "The challenge of Eurostars in the ERA is to become the model of cooperation for funding agencies in Europe," said Borg.

Furthermore, the report on the event published by the Commission assesses extensively the added value of the Eurostars Programme in terms of simplification, transparency, good evaluation and monitoring process. EUREKA is

pleased to see that among the most supportive quotes figure the following: "Another successful case as judged by participants, Eurostars, claims that principles of success include simplification, thematic focus and efficiency with a strong governance mix from ministries, funding and executive bodies. [...] The Eurostars experience shows that this is facilitated by a well running programme with a transparent evaluation process, good quality monitoring and high success rates. [...] It should be possible to move from 'light cooperation' where it is possible to retain national rules to 'deeper cooperation' as in the case of Eurostars for example," reads the report.



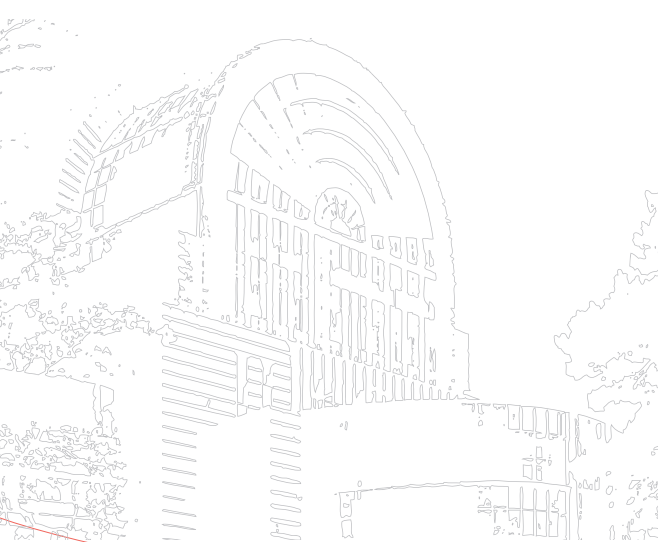
Eurostars National Funding Bodies Conference reconfirms the priority of SMEs for the European Commission and the EUREKA Network

On 19 May 2011, the EUREKA Secretariat in Brussels held a third edition of the Eurostars National Funding Bodies (NFB) Conference. Over 40 participants, representing EUREKA member countries and their funding agencies across and beyond European frontiers, listened to presentations and discussions on the successful Eurostars Programme's possible role in the next Common Strategic Framework for Research and Innovation funding (CSFRI). Robert-Jan Smits, Director-General of the

European Commission's DG Research, who was instrumental in the creation of the Eurostars Programme, opened the Conference and referred to the key importance of SMEs for boosting innovation and increasing growth in Europe.



EUREKA and Eurostars present their activities and achievements at the European Parliament's STOA panel meeting



On 12 May 2011, EUREKA's Strategy and Evaluation Manager David Garlot presented the joint EUREKA-EU Eurostars Programme at the European Parliament's body for Science and Technology Options Assessment (STOA).

EUREKA was warmly welcomed by STOA's Chairman Paul Rübig MEP, also rapporteur for the Eurostars Programme at its launch in 2008. David Garlot presented the joint EUREKA-EU Eurostars Programme, its complementarities to the Framework Programme thanks to its bottom-up approach and its simple, fast and transparent participation rules. The presentation attracted attending MEPs' interest on the programme's cost-effectiveness, sustainability and its alignment with Europe's 2020 strategy. "Eurostars is a programme with good results and a good geographical distribution," highlighted António Correia de Campos MEP and STOA panel Vice-Chair. Responding to the questions of all seven MEPs' present, David Garlot stressed that the programme is interesting for

SMEs because it is designed for them, while remaining simple to understand, ensuring good success rates and relying on National Project Coordinators as one-stop-shop entry points.

The MEPs present were STOA Chairman Paul Rübig (AU), Vice-Chair António Correia de Campos (PT), Vice-Chair Malcolm Harbour (UK), Teresa Riera Madurell (ES), Philippe Lamberts (BE), Andriana Ticau (RO), Csaba Sándor Tabajdi (HU).

STOA is an official organ of the European Parliament, but its work is carried out in partnership with external experts. These can be research institutes, universities, laboratories, consultancies or individual researchers contracted to help prepare specific projects. STOA focuses upon round-table expert discussions, conferences and workshops with studies. Members of Parliament and invited experts from EU institutions, international institutions, universities, specialist institutes, academies and other sources of expertise worldwide can jointly participate in the analysis of current issues at these events.



Turkey supports international R&D cooperation



On 19 January 2011, TUBITAK (The Scientific and Technological Research Council of Turkey) held an Opening Event on EUREKA and the Clusters in Istanbul. This event has attracted around 100 organisations (SMEs and large companies, universities and R&D institutions) interested in international R&D cooperation.

The morning session aimed at giving an overview on some of EUREKA's different mechanisms to support international R&D cooperation. Eurostars Project Officer Isoline Roger-Dalbert gave an introduction on the EUREKA initiative and more specifically on the Eurostars Programme. Director of CELTIC+ Office, Heinz Bruggemann, presented the EUREKA Cluster CELTIC+, the only European R&D programme in ICT fully dedicated to

end-to-end telecommunication solutions. It was complemented by the presentation of the CELTIC Story of Turkcell by Mr Berkin Toktas from Turkcell (leading mobile phone operator of Turkey and CELTIC Core group member). Director of ITEA2 Office Fopke KLOK presented the EUREKA Cluster ITEA2, a strategic pan-European programme for advanced pre-competitive R&D in software for Software-intensive Systems and Services (SIS), Mr Özgün ALGIN from Mobilera (Turkish company specialised in mobile marketing and advertising), continued with a presentation of Mobilera's participation to ITEA2.

The event was considered as a great success with a large number of participants taking the opportunity to directly discuss issues with the speakers and meet with the Turkish EUREKA Project Officer throughout the afternoon. 25 bilateral meetings between participants and Turkish Project Officers were organised during the afternoon session.

Malta seeks to boost R&D and innovation

Malta Enterprise has launched a new incentive whereby income from royalties on eligible patents will be exempt from taxation, an initiative aimed at encouraging enterprises to invest in research and knowledge creation as well as encourage the exploitation of intellectual property.

The incentive was presented at the seminar on funding and assistance available for

industrial research and innovation held on 18 January 2011. The seminar also aimed at raising awareness about the Eurostars Programme, which Malta recently joined. Eurostars Call Coordinator Dr Peter Chisnall explained the mechanism of the programme and highlighted the various benefits for the companies that get involved. Malta Enterprise executive chairman Alan Camilleri highlighted the potential of Maltese entrepreneurs, noting that Malta ranked as one of the growth leaders amongst the moderate innovators in Europe.



Eurostars network training course

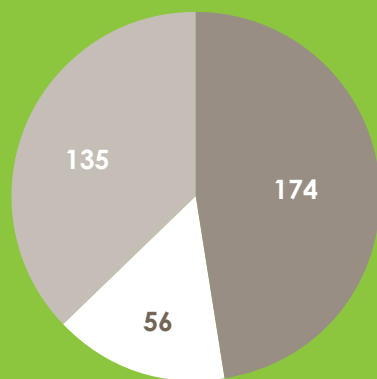
On 29 June 2011, a Eurostars network training course took place at the EUREKA Secretariat gathering 16 National Project Coordinators and Project Officers from the EUREKA network to complete their skills on the Eurostars process for submission and evaluation; the monitoring of approved projects and the financial contribution of the European Union. The training aimed to provide all necessary information about Eurostars project evaluation and monitoring, with special focus on practical

and technical information on the work to be performed by national offices for each of the different phases of the project lifecycle. The success of the training indicates that these Eurostars training courses should be organised on a frequent and regular basis.



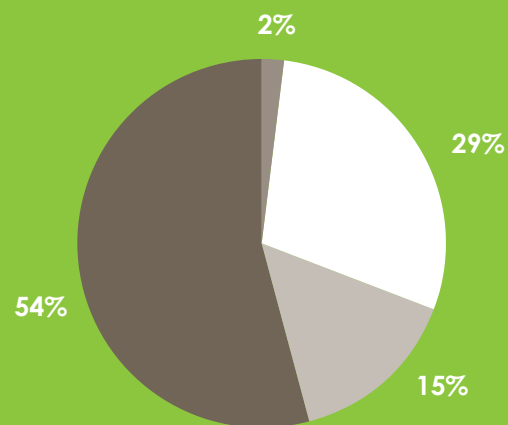
EUREKA in figures...

NUMBER AND VALUE OF EUREKA PROJECTS ENDORSED IN 2011



- Eurostars Projects > 187 M€
- Cluster Projects > 969 M€
- Individual Projects > 202 M€

NUMBER OF ORGANISATIONS PARTICIPATING IN EUREKA PROJECTS



- SME > 1153
- Large company > 317
- University / Research Institute > 611
- Other > 43

TURNING INNOVATION INTO MARKET SUCCESS

For over 25 years, EUREKA has been supporting key European innovative industries, such as electronics, automotive or medicine, using a strong technological basis to develop even more advanced products and services. From nano-electronics to green cars and gene therapy.



Here is a small selection of some of EUREKA's latest successes...



E! 3966 FERMFOOD **Putting organic food on the shelves**

A technological process inspired from traditional bakery to bring organic bread on supermarkets' shelves. Japanese food producers were some of the first to be convinced.



CELTIC WINNER+ **Connecting you to the world**

The market-oriented extension of FP6-funded academic projects WINNER I AND WINNER II, setting up the 4G technology standards enabling mobile ultra-broadband Internet access.



MEDEA+ BioP@ss **On the good side of biometrics**

If you have recently experienced one of the queuing-free passport control systems popping up at international airports terminals it is thanks to this project.



E! 3704 RSSMA **Bringing smart materials into our lives**

This project on high-tech metals which are able to remember their shape turned into commercial production of a cheaper alloy used in aerospace engineering or electronics.



E! 4446 EUREKABUILD FLOATEC **Cities of the future**

With the current sea level rise we have to reconsider the way we think about urban architecture and, maybe one day, live in floating houses.



E! 4504 EISURF EQUIMOTOR PLUS

Greener cars from the inside

Biofuels are corrosive for car engines, that is one way to see the problem, but why not change our cars are build?



E! 4522 DANA

Turning wastewater into freshwater

In countries like Israel, water is too precious to be wasted. Engineers from four SMEs and one Dutch university developed a totally biological water treatment process.



CELTIC 100GET

Making Internet 10 times faster

Researchers coming from all over Europe challenged the limits of Internet speed in a technological endeavour that will allow reaching the targets set in the EU Digital Agenda.



MEDEA+ TRITON Z

Innovation in the living room

Introduced into the mass market in 2008, 3D TV channels are still struggling for a breakthrough. MEDEA+ helped the cause by setting up a single standard for the industry.



ITEA2 3D TESTBENCH

Project management like you have never seen it

A project tailored for EUREKA: allowing team leaders to follow international research projects on giant 3D screens backed by powerful real-time management software.



ITEA ESNA

The Internet of things

What if the Internet could interact with the world around you? A EUREKA success story that has made it to the headlines.



E! 3747 IPM-RICE

Fighting malnutrition in the third-world

A new way to stock rice could help small-scale farmers in Africa get better price for their crops and compete with multinationals on the global markets.



E! 5044 AQUASUN

Putting solar energy on water

Floating solar panels, or how to keep green energy innovative by looking for new areas of expansion while keeping the price at the lowest level.



E! 4078 STABCON

Recycled materials to provide a safe harbour

Sustainable construction is about finding building material from your direct environment, in this EUREKA project, decontaminated sediment from polluted sea helped to build a port in Sweden.



E! 3892 ModPoIEUV

Nanotech to revolutionize medicine

Rebuild damaged parts of a human body from scratch could no longer be a dream, nanotechnology meets medicine in a disruptive innovation.

A YEAR IN REVIEW: ACHIEVEMENTS OF THE EUREKA ISRAELI CHAIRMANSHIP

EUREKA celebrates its 25th anniversary



The EUREKA Israeli Chair which started in July 2010 was completed in June 2011, in Jerusalem. The EUREKA Israeli Chair and Israel's Ministry of Industry, Trade and Labor hosted a special event to mark 25 years of EUREKA and the completion of Israel's Chairmanship.

Since the start of the Chairmanship year, over 220 cooperative R&D projects have been approved and supported by EUREKA, totalling 320 million euro of investment.

Assembled in Jerusalem in June 2011 for the fourth and final event, EUREKA's national

delegates approved 29 promising transnational R&D projects and, together with high-level officials, adopted the 'EUREKA Quarter Century Declaration' marking 25 years of achievements of the EUREKA network in contributing to European innovation and R&D.

Some of the important achievements of the Israeli Chairmanship include the launch of the EUREKA Clean-Tech action initiative, the organisation of the 17th EUREKA Inter-Parliamentary Conference at the Knesset and the take-off of ElnoVest, the search and match web tool for investors and companies.



“ I feel that Israel's reputation of being a nation of innovation and entrepreneurship has grown even greater. The Israeli economy and industry were reinforced by the Chairmanship of EUREKA and already we are seeing the results on the ground ”

Dr Eli Oppen
Chairman of the EUREKA High Level Group



“ In its 25 years of existence, the EUREKA network has proven to be an effective platform in raising the productivity and competitiveness of national economies and European industries in the world market, and in particular of SMEs ”

Minister Shalom Simhon

“ NPCs have created new labelling and evaluation methods, they have and continue to develop and launch Eurostars, and the Israeli Chairmanship like previous and hopefully the future Chairs, has indeed utilised extensively this resource which was extremely valuable in accomplishing successfully our targets this year. Through the outstanding contributions of EUREKA's National Project Coordinators, EUREKA has become a great network that puts industry at the core of its mission and success ”

Israel Shamay
EUREKA Israeli Chairman of the NPC group



NETWORK MEETINGS

EUREKA Israeli Chairmanship

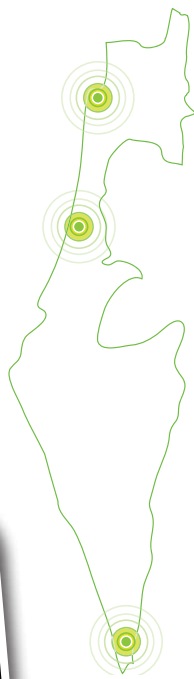


Eilat
NPC2 & HLG2
February 2011



HAIFA
NPC3& HLG3
April 2011





JERUSALEM

NPC4 & HLG4

June 2011



EUREKA Clusters sign declaration of commitment

During EUREKA's 25th anniversary event in Jerusalem last June, heads of the EUREKA Clusters signed a Joint Declaration of Commitment with the EUREKA Chairmanship, aimed at "promoting EUREKA and its different instruments as the leading industrial R&D platforms to their natural partners: member countries, European institutions and industry." The declaration calls on EUREKA member countries to "continue

to promote EUREKA and its instruments, including the EUREKA Clusters."

Chairman of EUREKA Cluster CATRENE and Head of the Inter-Cluster Committee Enrico Villa, signed the declaration, along with Chairman of ITEA2 Cluster Rudolf Haggenmueller; Chairman of ACQUEAU Cluster Xavier Chazelle; Jacques Magen, on behalf of CELTIC-PLUS; and Chairman of EUROGIA+ Gabriel Marquette. Eli Oppor, HLG Chairman signed on behalf of the Israeli EUREKA Chairmanship.



XVII EUREKA Inter-Parliamentary Conference



EUREKA IPC Resolution commits growth in market-oriented R&D projects and to 'fostering a culture of innovation'

On 31 May 2011, Parliamentarians from across the EUREKA network countries gathered at the Knesset (parliament) for the 17th EUREKA Inter-Parliamentary Conference. They adopted a resolution which commits to growth in market-oriented R&D projects and to 'fostering a culture of innovation'. The conference, chaired by Knesset Science and Technology

Committee head Meir Sheerit, in the presence of US-Israeli Nobel Prize laureate Robert Aumann, adopted the resolution unanimously, setting five key goals, including expansion of EUREKA's services to support through all phases of the value chain and becoming an investment promotion centre to interact with public and private financial stakeholders. In response to these goals, Dr Eli Oppor, current EUREKA Chairman, said that the global economy was changing quickly and that EUREKA must adapt accordingly.

Results of Impact Assessment Study show that EUREKA is an Engine for Growth

A survey conducted under the Israeli EUREKA Chairmanship shows a definitive link between participation in EUREKA programmes and considerable growth in sales and employment. Conducted by Kalman Gayer and the economic and strategic consulting firm Applied Economics Ltd. to advance the Chairmanship's priority of assessing EUREKA's impact, the study compared the financial results of companies which participated in cooperative projects through EUREKA to similar companies which did not participate in the programme, among a representative sample of 350 Israeli and European companies.

The study compares pairs of companies nearly identical in their parameters: size, country, field of technology, sales revenue, number of employees, etc. - with the key difference between them being that one company having participated in at least one EUREKA project and the other company having not participated. On average, companies participating in EUREKA recorded sales that rose by 28% annually during the three years from the completion of the project, compared to similar companies which did not participate during this period as part of EUREKA project. Additionally, there was an annual increase in employment in these companies by 20% or more, compared to similar companies not involved in EUREKA at the time. Overall, the survey shows that the total annual increase in sales among companies participating in EUREKA projects is approximately 2.8 billion euro, in addition to 25,000 jobs created each year - while the annual governmental aggregate investment (from the 40 EUREKA member countries) in these projects stands at about 140 million euro only.

Cooperation agreements signed at EUREKA 25th Anniversary Event



Memorandum of Understanding with the Europe Enterprise Network (EEN)

Aimed at fostering further collaboration between EUREKA and the Europe Enterprise Network (EEN), a Memorandum of Understanding (MOU) was signed during EUREKA's 25th event in Jerusalem between the EEN and the EUREKA Secretariat and Chairmanship. Policy officer at the EEN Filippo Pasquet, Dr Eli Oppen on behalf of the Israeli EUREKA Chairmanship, and head of the EUREKA Secretariat Luuk Borg, signed the MOU, which effectively called for "collaboration between the EUREKA Secretariat and the European Commission/DG Enterprise and Industry for the Enterprise Europe Network on transnational technology transfer and exploitation."

Letter Of Intent signed with Canada

In seeking to advance the Israeli Chairmanship priority of expanding transnational cooperation, Dr Eli Oppen, on behalf of the Israeli EUREKA Chairmanship, and President of the Canadian National Research Council John McDougall, signed a Letter of Intent (LOI) on the procedure for Associating Canada to EUREKA, during the EUREKA 25th Anniversary Event. In welcoming the interest of Canada to become an associated member of EUREKA, the LOI promotes further cooperation between the EUREKA initiative and Canada through the development of innovative joint R&D projects of mutual benefit and the strengthening of the competitiveness of both the European and Canadian economies. The LOI confirmed that: "the application process will progress... with the objective of finalising the process at the next EUREKA Ministerial Conference in June 2012, Budapest."



Doing business through technology

WINNER: 2011 EUREKA INNOVATION AWARD

E! 2522 OPTI-SOIL CLEAN

Growing Plants on oil contaminated land

Jerusalem, 23 June 2011 – A Lithuanian-led EUREKA environmental technology project has scooped last year's EUREKA Innovation Award, announced in a ceremony in the Israeli capital this morning. Israeli television presenter Yigal Ravid, handed over the prize – a trophy and a media package worth 15,000 euro - to a delighted Monika Kavaliauske, Manager at JSC Biocentras, a Vilnius-based SME, which led the project E! 2522 OPTISOIL CLEAN.

Biocentras, together with partners from Latvia and Lithuania developed a method that has so far cleaned over 22,000 tons of soil without the need for chemicals or GMOs. This natural process transforms contaminated soil so that it can be used again for growing all kinds of plants.

Monika Kavaliauske sees the next phase of development as taking the process into the warmer, oil producing parts of the world. "We have no clients in the Middle East and are actively looking for them".



RUNNERS-UP: 2011 EUREKA INNOVATION AWARD

E! 3080 BIODI-EXPERTISE

Time to make more out of waste

A Spanish company teamed up with European engineers to find the best way to ensure more of our organic rubbish is turned into biogas and compost.

Through five years of meticulous research and testing, the EUREKA project developed a methodological guide on the best way to convert the biogas produced to electricity. The knowledge gained has given the firm a cutting edge as it seeks to win further public contracts

to treat urban waste. In just two years, the new contracts the company secured allowed it to almost doubling the amount of waste it treated biologically at its plants and to almost triple its turnover.



E! 2678 SS TESTER

The Soil Pollution Test

Ed Bell's Safe Soil Tester, offers a way to ensure a safe environment: another example of EUREKA at work, bringing innovative ideas to the market.

Over the past ten years a team of six at Crown Bio Technology Ltd, UK, led by Bell, has developed the Safe Soil Tester™ a device that is linked up to GPS through the European Galileo satellites, which allows accurate mapping of contamination and quick data transmission for analysis.

The main buyers of the kit are National Environmental Agencies, large industry and property developers. The device could be developed to detect other pollutants such as heavy metals, radioactivity, and disease pathogens. Bell is currently negotiating the development of other detectors with governmental partners worldwide.



E!nnoVest- The first EUREKA Investors Shop



The EUREKA Investors Shop provides meeting opportunities for investors and for more than 50 top-quality, specially selected companies in ICT, biomed and clean-tech from 10 different EUREKA countries.

During the event companies will provide a short presentation to investors and will have one-to-one meetings. Financing Innovation has been defined as a top priority for EUREKA under the leadership of the Israeli Chairmanship. The first EUREKA investors shop took place on 1 June 2011 at the International Convention Centre in Jerusalem, Israel. The event was held in cooperation with the Israeli High-Tech Industry Association's Annual Conference 2011.

www.eurekanetwork.org/innovest

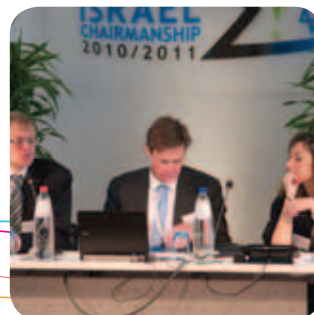


Venture Capital in Europe: Are we willing to take the risk?

The EUREKA Secretariat was the venue for the event Venture Capital in Europe: Are we willing to take the risk?, gathering 90 high-level participants for a diverse series of presentations and an animated debate involving experts in the field of private investment from both the public and private sector.

This event was devised by the Israeli Chairmanship, which had as a key priority to investigate second-round financing options for businesses participating in EUREKA R&D projects.

Speakers agreed with the need to share the risk with innovative SMEs and presented new ideas on how to do so. The EUREKA initiative to support the technology company until commercialisation was appreciated by the speakers and the audience. The debate was moderated by Stuart Langridge, Independent Financial Journalist.



EUREKA strengthens its role as a major player in supporting R&D&I

In its debate in the European Parliament in Brussels, 'Effectively supporting transnational cooperation in industrial innovation', EUREKA and its Israeli Chairmanship once again stressed its pivotal position in the European Research Area and demonstrated that research and innovation are more than ever 'crucial to addressing global challenges', adding that 'innovation can be more effectively addressed at regional or even local level'.

Over 90 high-level stakeholders from the EUREKA network, EU institutions, industry and academia got involved in a lively debate on the different R&D support measures for hi-tech SMEs along the value chain and heard the view of big industry on strategically-significant R&D segments and the importance of networks.

Vittorio Prodi MEP said that, despite no longer being involved with the ITRE Committee, he had a long-standing relationship with EUREKA. The network's philosophy of combining expertise across frontiers and collaborative working was the right one to ensure that Europe becomes more competitive.



Effectively
supporting
transnational
cooperation
in industrial
innovation



Hungary at the helm of EUREKA



Hungary is delighted to take over the chairmanship of the EUREKA programme at this exciting and challenging point in time. Following the successes of the Hungarian Presidency of the Council of the European Union, we welcome the opportunity to build on the work we have undertaken during the past year, nurturing a culture of innovation in Europe.

Prof. Zoltán Cséfalvay
Minister of State for National Economy

Hungary assumed the annually rotating EUREKA Chairmanship in July 2011. The country is committed to address some major issues in the European innovation policy. Hungary is home to dynamic, world class research groups and has a strong culture of risk taking in business, both excellent ingredients for the development of an innovative environment in Europe.

The Chairmanship's programme revolves around the following main priorities:

1. Improve the position of EUREKA in the ERA and further strengthen the Eurostars programme;
2. Facilitate the regional dimension of EUREKA;
3. Develop EUREKA services to finance innovation;
4. Promote industry-driven R&D&I project generation.



The primary objective is to promote mobility and international cooperation, and organizing seminars and workshops in the field of interest of science and technology.

Ms Szonja Csuzdi
EUREKA NPC Chairperson

On 8 July 2011, the Hungarian EUREKA Chairmanship kick started its chair year with a high-level conference on Smart Growth through International R&D Cooperation, in Budapest. In line with the Europe 2020 strategy and its Innovation Union flagship initiative, its aim was to serve as a forum for stakeholders to discuss how international R&D&I cooperation activities in particular EUREKA could contribute to strengthening the competitiveness of European SMEs and enhancing smart growth in the regions.



We want to continue the work of our predecessors in positioning EUREKA as a key player in European R&D and innovation policy. We want to strengthen and improve the Eurostars SME Programme and pave the way for the EUROSTARS 2 programme beyond 2013. And we want to take a closer look at cooperation with other European R&D platforms, programmes and organisations, from ERA-nets to Joint Technology Initiatives and the European Institute of Technology (EIT), which is in Budapest.

Dr Sándor Erdő
EUREKA High Level Group Chairman

NETWORK MEETINGS

EUREKA Hungarian
Chairmanship

Balatonfüred

NPC1 & HLG1

October 2011





EUREKA omnipresent at the European Innovation Summit 2011 in Warsaw and the European Parliament in Brussels

In October 2011, for a third year, EUREKA, under its Hungarian Chair, was represented at the 2011 edition of the European Innovation Summit (EIS). This year, the Summit took place in two locations: in Brussels and Warsaw, as one of four flagship Polish EU Presidency events.

In Warsaw, EUREKA project participants were invited to join EUREKA's technology exhibition. Polish participants present were from EUREKA success stories ModPoIEUV, FLITE, HEALTHY WEANING and LOGCHAIN TRANSLOG SAFETY, as well as the recently completed Eurostars project SESS. Luuk Borg, the EUREKA Secretariat director, moderated a debate on the strengthening of the European Research Area (ERA). He oriented the debate towards answering the needs of R&D SMEs and fostering market-oriented innovation in Europe.

In Brussels, EUREKA project participants were invited to join EUREKA's technology exhibition at the European Parliament building. Those present included 2011 Innovation Award winner OPTISOIL-CLEAN and participants from Cluster MEDEA+ MIMOWA; Eurostars BioSpeak; Eurostars Emo-Speech; ITEA2 DiYSE. ACQUEAU, the industry-driven EUREKA Cluster dedicated to water related technologies and innovation, also had representatives present.

EUREKA Chairman Sándor Erdő presented alongside European Parliamentarian and former EU Commissioner Danuta Hübner at the session 'The Future of Innovation in Europe'. Dr Erdő spoke of the critical role that EUREKA has to play in the ERA and how the Strategic Roadmap developed two years ago was setting out to best position EUREKA as a key influencer in policymaking. Other speakers included representatives of the European Investment Fund, COST, CEFIC, Dow and the European Commission, ensuring a high-quality and animated debate.



EUREKA ACADEMY EVENTS UNDER THE HUNGARIAN CHAIR

Research and Innovation Collaboration in the Food Industry Sector

Developing and testing an improved methodology on 'grand challenges' related to FOOD combined with ETP related activities in multidisciplinary areas was one of the main objectives of the Hungarian EUREKA Chairmanship. Research priorities, interests and challenges on a cross-cutting approach together with ETPs from the Food Industry, the Manufacturing and the IT sector were discussed on 24 November 2011 at this EUREKA Academy event. Over 62 participants attended the event and participated in the working groups.

A number of areas with realistic opportunities for generation of interdisciplinary EUREKA projects were identified and further discussed in the follow up workshop of 19 January 2012.

These areas include among others:

- Efficient production systems and factory design - virtual / digital modelling
- Precision farming
- Life cycle assessment
- ICT and manufacturing-based technology solutions to improve food product features
- Small-scale effective manufacturing

The priorities in terms of technical collaboration areas and the role of ETP Food for Life in including major companies to cooperate were some suggestions and ideas put forward.





ITEA 2 opened its sixth Call for projects

The Marriott Hotel Rive Gauche in Paris, France, was the venue for the ITEA 2 PO Preparation Days, which took place on 15 and 16 February 2011. Some 275 participants from 19 different countries attended the event, which resulted in a total of 25 project ideas during the final plenary session.

The Project Outline deadline was 1 April 2011. 34 Project Outlines were submitted, with a total effort of 4259 Person Years. Again, the PO Preparation Days were a good starting point for most of the proposals and consortia as 24 projects out of these 34 project proposals were first sent in and/or presented as project idea at the PO event.

ITEA 2 Co-summit 2011 Cross-border cooperation for clean technologies

Some 650 participants from industry, research organisations, academia and public authorities joined the fourth European Co-summit organised by ITEA 2 – the EUREKA Cluster on software-intensive systems and services – and the ARTEMIS Joint Undertaking (JU) on embedded software in Helsinki, Finland on 25 and 26 October.

Day 1 focused on the Co-summit theme with a plenary programme including keynote presentations and a panel session, and in the afternoon parallel sessions on various topics.

Day 2 focused on the ITEA and ARTEMIS communities. ITEA 2 Vice Chairman Philippe Letellier outlined the changes expected in ITEA 3: "We will keep the same values but the new programme will be more agile with its living roadmap offering a dynamic shared view of future challenges, shorter times from project ideas to project starts and greater exploitation of the links with other clusters – both at European and national level." During the 2011 Co-summit, a meeting of the ITEA Directors Committee involving public authorities confirmed support for the road towards the third ITEA programme.

Close collaboration between ITEA 2 and the ARTEMIS JU has ensured a complementary approach to embedded software and software-systems and services research in Europe and helped develop a critical mass

to boost competitiveness and the wellbeing of society. "We have been organising this co-summit for four years now," pointed out Rudolf Haggenmüller. "We are already operationally close and will now be closer strategically with the high level umbrella structure supported by Sherpa-style working groups on various topics."

The event concentrated on the importance of cross-border co-operation in R&D with an ever-growing project exhibition with 76 ITEA and ARTEMIS projects demonstrating clearly the solid results of such efforts. The exhibition also included a special focus area on clean technologies.

Three ITEA 2 projects were shortlisted for the 2011 Achievement Award. "We're very proud of all three short-listed projects and it was hard to differentiate between them," said Philippe Letellier. The result was two joint Silver award winners – UseNet and Metaverse1 – while the Gold award this year went to MULTIPOL.



“ Cross-border co-operation in research is crucial, and we are open to co-operation beyond the ICT community, particularly through interactions with other EUREKA Clusters to meet common societal challenges such as in clean technologies. ”

RUDOLF HAGGENMÜLLER
ITEA 2 CHAIRMAN

EURIPIDES and EUREKA present at Smart Systems Integration in Dresden



EURIPIDES - the industry-driven EUREKA Cluster dedicated to Smart Systems Integration - and EUREKA participated in the 5th edition of Smart Systems Integration on 22 - 23 March 2011, in Dresden. More than 300 experts from the fields of automation, automotive, aerospace, telecommunications, MedTech, logistics, RFID and life science

attended the conference designed by an international committee, in which Jean-Luc Maté, EURIPIDES Chairman was involved.

Visitors were informed about EUREKA and its Clusters at the EUREKA stand, with a bespoke inter-cluster slide show.

EURIPIDES Forum exceeded all expectations in Helsinki

The fifth edition of the EURIPIDES Forum, the yearly conference organised by EURIPIDES, took place in Helsinki last June 2011. The Forum, which attracted a large number of participants and high-level speakers, has been the occasion for several of them to express their interest in potential R&D projects.

Day 1 focused on the Co-summit theme with "Looking at the growing participation and the enthusiasm for building up new projects, we believe that the Forum has met the expectations of all participants. We can expect a large number of proposals for our next call." said Jean-Luc Maté, EURIPIDES Chairman.

JEAN-LUC MATÉ TO LEAD EURIPIDES FOR THE NEXT TWO YEARS

The Council has renewed its confidence to the Board and has elected for two years:

Jean Luc Maté (Continental) as Chairman, Hannu Laatikainen (VTI) and Vicenç Aguilera (FICOSA) as vice Chairmen, André Van Calster (IMEC) as Treasurer, Klaus Pressel (Infineon) as Technical and Evaluation Committee Coordinator, Jussi Tuovinen (VTT) as Strategic Advisory Board Leader and Rémy Renaudin as Operation manager.

FOUR NEW PROJECTS LABELED FOR 20 MILLION EURO

The Council also reaffirmed its commitment to setting up projects in Smart Systems, Packaging and Systems integration. Four projects were granted the EURIPIDES label representing 20M€ of R&D effort, involving 32 partners from five countries: Belgium, Finland, France, Germany and Spain. Two of these projects are led by an SME.



ON 7 MARCH 2011, RÉMY RENAUDIN, FORMER EUREKA NATIONAL PROJECT COORDINATOR (NPC) FOR FRANCE, JOINED EURIPIDES AS OPERATION MANAGER.



ACQUEAU, the EUREKA Cluster for water

ACQUEAU is the first EUREKA Cluster dedicated to water related technologies. It aims to promote innovation and market driven solutions to develop new technologies in the European water sector.

ACQUEAU is an initiative supported by more than 25 countries and 70+ companies across Europe. Through our Blue Books, we have identified the future challenges of the water industry in Europe, and defined a technology roadmap. We have followed this roadmap and initiated R&D calls on a regular basis. The ultimate goal of these calls is to facilitate the creation of pan-European collaborative R&D projects, and to facilitate access for participants to national funding.

The highly selective EUREKA Label is awarded to successful project proposals, allowing them to apply for national funding – the label is an assessment of quality, economic interest and viability of the projects. Our calls aim to facilitate not only the outlines in our Blue Books, but to develop our role as a EUREKA cluster – for example our 5th Call drew on the work we did with the Water & ICT Working Group, which was set up by the EUREKA Israeli Chairmanship in 2011.

Since the beginning of our operation we have labelled 10 projects which cover a range of specialisations and important aspects outlined in our Blue Books. These include focus points on: smart water resource management, real-time monitoring and management systems, low-energy and wireless systems, low energy membrane distillation, microfiltration, and mobile nanoparticle trace sensors.

The Cluster is currently in the Final Project Phase of its 5th Call which focuses on:

- Call 5A – Water & ICT Innovations for Sensing & Monitoring Applications in the Water Cycle
- Call 5B – Sustainable Processes for Disinfection & Oxidation
- Call 5C – Open Call within the context of the ACQUEAU Blue Book

The 6th Call will be launched at the end of June 2012.

ACQUEAU encourages the involvement of all types of organisations from bigger enterprises to SMEs, Universities and Research centres. ACQUEAU wishes to involve the maximum of people from the water sector. ACQUEAU is a key player for innovation and development of European Water R&D sector, and the growth of the European marketplace.



EUROGIA+ 2011 Summary

2011 marked a very successful year for EUROGIA+, the EUREKA cluster for low carbon energy technologies. As the number of labeled projects, supporting countries and board members increased, EUROGIA+ came out much stronger in 2011.

EUROGIA+ had a good start by organizing information days and brokerage events in Stavanger and Tallinn in January 2011. Following the information day organized in Tallinn, Estonia became the 17th EUROGIA+ supporting country.

In February EUREKA clusters organized for the first time an inter cluster information day in Eilat under the auspices of Eureka Israeli Chairmanship. Successive EUROGIA+ information days took place in Oslo, Paris, Madrid and in Reykjavik.

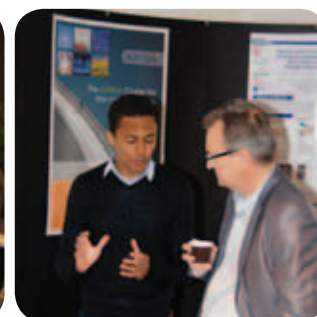
Raul Manzanar from Acciona Energia was elected as the chairman of EUROGIA+ Board of Directors. Therefore, the chairmanship passed from the most active EUROGIA+ supporting country France to Spain, whose activities in the cluster are significantly increasing.

In June 2011, EUROGIA+ Brussels office moved to the EUREKA's secretariat with the great support of EUREKA team.

In November 2011 the third anniversary of EUROGIA+ was celebrated with a big event in Brussels. This meeting entitled Decarbonizing Europe and beyond attracted a big audience from Energy industry and academia.

Two calls were open and 15 new project proposals were received and evaluated. 7 projects received EUROGIA+ label. In 2011, EUROGIA+ projects Sol-Ion and WindFarmVessel were successfully completed. 'EUROGIA+ label enabled project partners to have an easy access to national funding', said Christophe Jehoulet, project coordinator of Sol-Ion.

Four new companies from four different EUREKA Member States joined EUROGIA+ Board of Directors. Volta, Turk Telekom, EADS and Tenesol bring their expertise to EUROGIA+ Board and Technical Committee.





CELTIC-PLUS towards a Smart Connected World

Celtic-Plus, the recently extended EUREKA cluster programme in ICT/telecommunications, started its first Call for Proposals 2011-1 (Spring Call). The new fast call process, allowing two full proposal calls per year is expected to speed up the overall proposal process by around 6 months.

Celtic-Plus is open to any type of company covering the Celtic-Plus research areas, large industry as well as small companies or universities and research organisations. Even companies outside the EUREKA countries may get some possibilities to join a Celtic-Plus project under certain conditions. For each call Celtic-Plus will offer the opportunity to discuss potential proposals among interested experts either during a commonly organised Proposers Day or via a special discussion platform for new proposals.

JACQUES MAGEN ELECTED AS NEW CELTIC-PLUS CHAIRMAN

At the Celtic Core Group meeting in Madrid Jacques Magen, who has been acting as Celtic Liaison Manager for two years, was elected new chairman of the EUREKA Cluster Celtic-Plus. He follows José Jimenez, Telefónica, who was chairman since 2004.



“ Since the beginning of the year 2011 Celtic-Plus has become operational and will continue the successful research activities of Celtic for the next eight years. With Celtic-Plus we have expanded the focus of our EUREKA Cluster to include further targeted research areas. In comparison to Celtic, Celtic-Plus is now also focusing on multi-disciplinary research activities including energy, Smart Grid, water management, as well as green and clean technologies so far as they require ICT research aspects. ”

HEINZ BRÜGGEMANN
DIRECTOR CELTIC OFFICE



“ One of the main objectives of Celtic-Plus is to succeed in making environmental issues a priority in the telecommunications sector. Even though the concern is slowly growing, it is still seen more as a consequence of other preoccupations such as reducing cost or improving performance. ”

JACQUES MAGEN
CELTIC LIAISON OFFICER

European Nanoelectronics Forum 2011



Over 250 representatives from industry, research organisations, academia and public authorities participated in the 2011 European Nanoelectronics Forum in Dublin on 15 and 16 November.

The event provided an opportunity to review the mid-term progress of the EUREKA CATRENE nanoelectronics Cluster and the ENIAC Joint Undertaking (JU). It also provided a showcase

for a large number of running and completed projects in a major poster and demonstration session. An intense programme of presentations provided an outlook for the semiconductor industry in uncertain times, looked at advances in process technologies and demonstrated a range of applications in the automotive industry.

CATRENE launches exploitation award



"Research is not a final objective but a tool to transfer ideas into marketable products," Enrico Villa pointed out. "Europe has to strengthen its exploitation."

For this reason and to increase visibility for the Cluster and the companies involved, CATRENE is launching a new award for exploitation. This can involve a new standard, new product, new business, new company or increased market share. As exploitation can only be demonstrated several years after the project ends, projects finishing during the previous five years will be taken into consideration – exploitation can be derived from one or several projects. The process for the award is almost defined and will start in 2012.

importance for the state of art in innovation in this sector and urged event participants to continue to work together to stay at the cutting edge of ICT technology.

Executive Director Andreas Wild concluded the 2011 forum with an overview of the ENIAC JU which has now been autonomous for just over a year. "Our vision was that the Joint Undertaking should increase and leverage private and public investments in nanoelectronics and contribute to strengthening Europe's future growth, competitiveness and sustainability of the entire value chain," he said. This is a long-term activity as it takes a decade for new leading-edge advances to become the baseline process for More-than-Moore diversification.

The Deputy Prime Minister welcomed the recent EU High Level Group report on Key Enabling Technologies (KETs) for ICT. He saw CATRENE and the ENIAC JU as of major



First International Brokerage Event

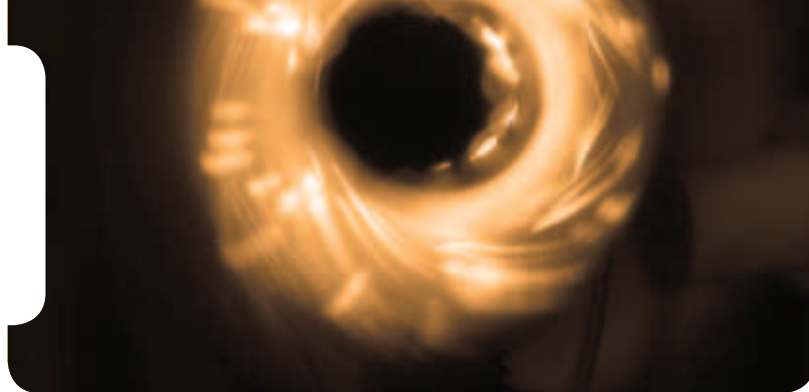
The "First EUREKABUILD2 campaign for networking and R&D projects generation" was launched in December 2010 and was concluded with the First EUREKABUILD2 International Event held on 24 March 2011, in Barcelona (Spain).

The event brought together around 100 partners from 10 countries. One of the campaign initiatives was the "participant-partner forms" which aimed to gather information about the type of profiles of supply and demand and to bring together stakeholders interested in participating in R&D projects.

Over 111 participant forms and 70 ideas for future projects across 13 countries have been received to date from large industries, SMEs, universities, research institutes, consultancies and public entities from the construction sector.

Participants in the First EUREKABUILD2 International Brokerage Event had the opportunity to establish contacts with interesting and potential partners for R&D projects and to take advantage of having an overall perspective of access to regional / national funding.





EUREKA E!-SURF Umbrella on track

On 8 December 2011, the EUREKA Umbrella Surface Engineering for Sustainable Production and Products held its first annual progress meeting at the EUREKA Secretariat. The Umbrella now features 27 partners from 11 countries.

All 2011 Performance Indicators in terms of projects and partners have been achieved: in its one year existence, more than twenty R&I proposals initiated through E!-SURF network activities have been submitted, three of which are running and three others are currently in contract negotiations.

2011 highlights included the first E!-SURF Summer School at University of Minho, Portugal, and the Surface Engineering Seminar annex Matchmaking event at the EUROFINISH trade fair in Ghent, Belgium. The B2B Match webtool developed under the Umbrella ProFactory has

been extended towards E!-SURF, to facilitate industrial R&I project generation for partners.

Actions for 2012 will, amongst others, enforce collaboration with EUREKA Umbrellas and Clusters like ProFactory+ and EuroAgri FoodChain, and other networks such as Enterprise Europe Network (EEN). There will be also an enforced involvement in the Hungarian Chair initiative for closer collaboration with European Technology Platforms.

Together with representatives from the Turkish and Spanish funding agencies, and also with strong support from Denmark, the meeting discussed funding opportunities and explored future ways for collaborations during the next EUREKA Chairmanship by Turkey 2012/2013.

New EUREKA E!-SURF website launched

On 14 December, the EUREKA E! SURF umbrella launched a new website at www.eurekasurf.eu, specially developed for companies, research institutes and universities working in the surface engineering and materials technology sector.

Thanks to this new online tool they will be able to access: basic information on the EUREKA E-SURF Umbrella, contacts to find the right partners for collaborative projects, information on how to submit collaborative project ideas and join the E-SURF network and updates about the last events, publications relevant for the materials and surface engineering industry



EuroAgri FoodChain

EUREKA Conference opens new perspectives for European Technology Platforms

On 27 April, EUREKA and its EUROAGRIFOODCHAIN Umbrella organised a conference exploring possible new synergies with the European Technology Platforms (ETPs) of the agro-food and bio-based economy sectors. This very specialised event attracted some 50 participants from the industry and public authorities to the EUREKA Secretariat's premises, in Brussels.

Presentations from a number of ETPs and EUREKA Clusters informed participants of funding possibilities for cross-border cooperation in the agro-food field.

The conference – which was followed by a lively debate – concluded that EUREKA's funding programmes and the ETPs' Strategic

Roadmaps complement each other and can help SMEs bring good innovative products to the market.

The conference was organised within the framework of the EUREKA ACADEMY series of events.

"Instead of waiting until we have achieved coordination of all the individual initiatives, we should aim for smart cooperation between all the initiatives. This way we can use the best of all the individual initiatives, combine resources and create synergy. Thanks to the fruitful discussions and connections, this smart cooperation can start today," concluded Maarten Schaans, Chairman of EUROAGRIFOODCHAIN Umbrella and project officer at Dutch Ministry's division for agri-food AgentschapNL.



2011 A YEAR IN REVIEW...

EUREKA and EBAN showcase European entrepreneurial mentality

Brainchild of EBAN, the European network of business angels and EUREKA's Roey Fisher, responsible for strategic financing, the event: 'Investor readiness and investment forum,' brought together private investors and high-tech SMEs from the ICT sector, under the auspices of the European Commission's 'Access ICT' programme.

These SMEs (mainly participants in EUREKA's Eurostars Programme) pitched their business to experts who then provided tailored advice and coaching, ensuring a first-rate presentation to potential investors. The entrepreneurs had time to modify and finalise their presentations, taking on board tips from the experts.

The full-day event - which took place on 8 December 2011, was punctuated by an animated panel discussion: 'Bridging the gap - from R&D to commercialisation,' led by EUREKA Chairman Sándor Erdő, who himself is familiar with the private investor market, as a former associate of the Hungarian Private Equity and Venture Capital Association; Viorel Peca, Head of Unit at the European Commission's Information Society Directorate and Wim de Waele, chief executive of IBBT.

The event was certainly a greater success than anticipated for one of the participants - he finished the day with a promise of investment of one million euro in his cross-border entrepreneurial venture. Three other companies also received interest from the investors.



Investor
Readiness &
Investment
Forum



EUREKA's European Parliament Dinner Debate on "Governance Mechanisms for Research and Innovation"

EUREKA in cooperation with the K4I Forum and its members COST and CEFIC co-organised, a dinner debate on 3 May 2011, at the EP. Research and innovation strategic objectives needed in developing a common European vision and enhancing governance for the application and coordination of national and European policies and their joint implementation of projects of interest to the EU community were the main topics of discussion.

Danuta Hübner, the hosting MEP stated that research and development are not the same as innovation. Governance should cover much more than just R&D and innovation-led growth needs to be promoted. Mr. David Harmon, Member of the Cabinet of European Commissioner Maire Geoghegan-Quinn, highlighted the need for a stronger European Research Area (ERA) and governance structures. Head of EUREKA Secretariat Luuk Borg presented the funding model of the Eurostars Programme, which helps R&D-performing SMEs introduce their products into the market.



Convention puts innovation at the forefront of EU policy

The Innovation Convention – the first held in Brussels on 5 and 6 December 2011 - is to become an essential part of the Innovation Union flagship initiative.

The event brought together leading experts in research and innovation from around the world to share their views on building a global innovation economy. Head of the

EUREKA Secretariat Luuk Borg participated in two high-level sessions and explained the successful Eurostars joint programme and its added-value in creating valuable partnerships among national funding bodies and research institutions at all levels. Furthermore, the project Eurostars ISTAR was also selected to present the technology developed at an exclusive stand.





EUREKA partnered with the IP Week event

On 6-9 December, EUREKA attended the IP Week and Open Innovation Conference, organised by Premier Cercle in Brussels. The event gathered industry representatives and policy makers who debated on intellectual property (IP) strategies and the open innovation business model.

Furthermore, the conference attracted many high-level participants such as WIPO Director General Dr. Francis Gurry, Deputy Director General for DG Internal Market and Services Pierre Delsaux, President of the EPO Benoît Battistelli, and USPTO Director David Kappos. The last day of the event included workshops focusing on patent systems and investment. Despite the economic downturn, the event proved that companies are willing to innovate and collaborate with other companies, universities and the general public.

EUREKA was a partner to this event with an information stand and a speaker. EUREKA Innovation award winner and Marketing Manager at Biocentras Monika Kavaliauske shared her experience on leading innovative projects and IP strategies at the session "Innovation new behaviours: Is collaboration changing the face of IP?".

The event, which takes place each year since 2004, has become a highlight for IP professionals and an excellent occasion to share knowledge and experience on IP practice. As this year, EUREKA plans to be again associated with the 5th edition of the IP Summit 2012.

EUREKA Days 2011



**EUREKA
DAY 2011**

www.eurekaday.kr

16-17 March 2011
The Shilla Seoul Hotel, Korea

The Korean Ministry of Knowledge Economy (MKE) will organise and host for the second time the EUREKA Days in the Republic of Korea and will focus on the following objectives:

- promote EUREKA to Korean organisations and show them the value of participating in this international network;
- introduce South Korea and Korean technologies and capabilities to the EUREKA member countries;
- inform on past experiences and future expectations in the co-operation between South Korea and the EUREKA network;

• create an environment where European and Korean research-focused organisations can meet and discuss the potential for their future collaboration in the launching of EUREKA-labelled projects.

The EUREKA Days 2011 will include a plenary session, high level keynote speeches and matchmaking seminars, with the participation of relevant EUREKA Clusters and Umbrellas on: electronics & IT, clean technology & energy, industrial manufacturing & transport, bio-medical & agrofood as well as telecommunications and material & nanotechnology.



EUREKA embraces
social media to
communicate
better



In order to enhance collaboration within the network and to take EUREKA's profile to a higher level of visibility, the EUREKA Secretariat is progressively implementing new tools offered by the Internet.

Network members can now join EUREKA's group on LinkedIn or follow EUREKA's activity on twitter. Twitter is a 'microblogging' tool, increasingly used by journalists and media monitoring specialists, by scientific media and within the political sphere; it will be open to a broader audience than LinkedIn. Latest news, events and EUREKA's success stories are published on both LinkedIn and twitter.

EUREKA's World of Innovation Blog

eureka-innovation.blogactiv.eu

EUREKA's World of Innovation Blog was launched in the EU Blog Platform, Blogactiv, to promote EUREKA's work and position among relevant stakeholders. It is hoped that content and members' and interested parties' feedback will make this blog a reference point for European Innovation, SMEs, and our successful R&D projects.

EUREKA NEWS 92-94

2011 saw the publication of the four quarter editions of EUREKA News.

Four quarter editions of EUREKA News were published in 2011 featuring views of high-level representatives from the EU institutions. These include: Judith Merkies MEP Rapporteur on the Innovation Union; Clara de la Torre, EUREKA high-level

representative for the European Union; Jorgo Chatzimarkakis MEP; Danuta Hübner MEP and Chair of the European Parliament's Regional Development Committee.



e-ZINE: EUREKA's electronic newsletter

The newsletter, which is launched fortnightly, aims at informing its network members, EUREKA and Eurostars project participants, industry, academia, research institutions, EU officials and other relevant stakeholders on the latest R&D and innovation highlights from the EUREKA network, the EU institutions and developments at the EUREKA Secretariat (ESE).

EUREKA publications available at www.eurekanetwork.org

Online subscription at www.eurekanetwork.org/subscribe



Turkey, the incoming
EUREKA Chair country
announces its
priorities for the year

Turkey will be assuming the annually-rotating EUREKA Chairmanship on 1 July 2012. Among its key priorities are:

- Developing global platform for 'coopetitive' (cooperative competition) innovation;
- An internationalisation strategy;
- Developing new strategic initiatives to foster competitiveness and cooperation between industry and EUREKA member countries;
- Developing new EUREKA services to address the innovation-finance gap.

On 13 July 2012, Turkey will be presenting its work programme in detail at the launch conference '**EUREKA as a Global Platform for Coopetitive Innovation**', in Istanbul.

EUREKA IDENTITY ELEMENTS

www.eurekanetwork.org/30

> EUREKA IDENTITY FORMULA GUIDE

 EUREKA	04 Log LOGOTYPE	07 Col COLOUR	10 Typ TYPEFACE	12 Apl APPLICATION	21 Uni UNIVERSE	24 Tar TECH. AREA
	05 Cls CLEARSPACE	08 Bsc BASIC	11 Sub SUBSTITUTE	13 Sta STATIONERY	22 Lgn LIGNES	25 Umb UMBRELLA
	06 Min MINIMUM	09 Sup SUPPORTING	18 Ppt POWERPOINT	23 Img IMAGERY	26 Clt CLUSTER	
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EUREKA Academy



EUREKA Israeli Chairmanship

July 2010 - June 2011



EUREKA Innovation Award



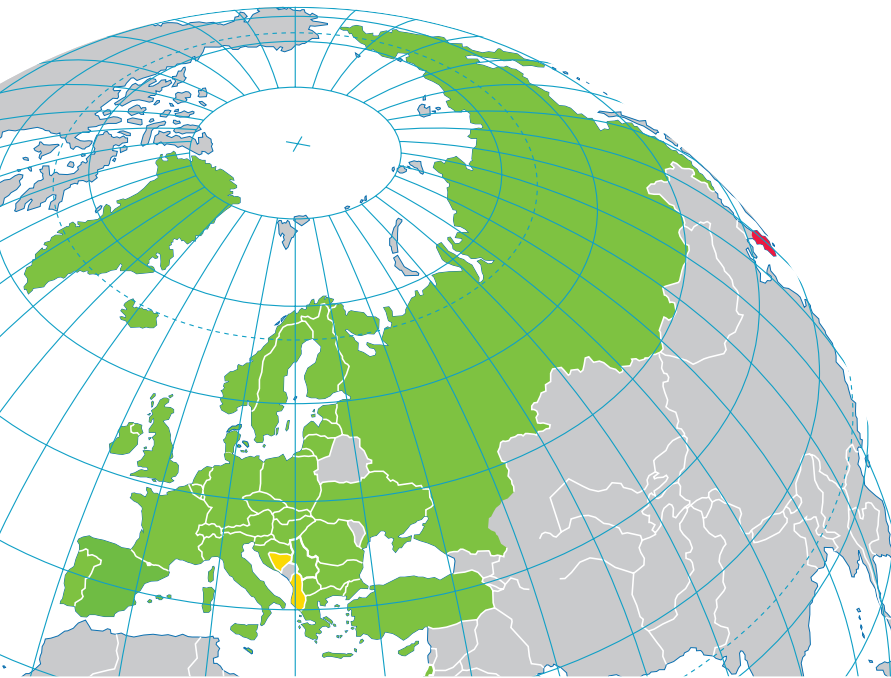
Doing business through technology

EUREKA Hungarian Chairmanship

July 2011 - June 2012



EUREKA NATIONAL CONTACT POINTS



EUREKA currently counts 40 members. Several countries participate in EUREKA projects through a network of National Information Points (NIPs).

The affiliation known as Associate country status was initiated as part of EUREKA's strategy to enhance cooperation with countries outside of Europe judged to have research and industrial potential.

National Project Coordinators (NPC) are at operational level, running the national EUREKA offices. They are the direct contact with project in each member country. NPCs facilitate the setting-up and running of a project and are responsible for promoting project generation, national and international support and follow-up.

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