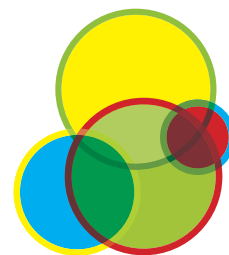


eseia



european sustainable energy
innovation alliance

Annual Report 2012

Contents

'The eseia E&T Programme exploits the latest research results for education and training of young academic entrepreneurs as well as decision-makers and business executives to close the gap from idea to market.'

Brigitte Hasewend,
Director of eseia

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Message from the President of eseia

eseia is proud to look back on more than three years of growth and stability. The last three years have been a turbulent and challenging time for industry and research and for the sustainable energy sector as a whole.

As the organisation sees increasing economic and project activity and a rise in both income and members served, we are reaching the end of the start-up phase, and can continue the exciting work of making eseia one of the most effective organisations of its kind in the world.

eseia has taken a big leap forward in integrating its cross-sector membership with one hundred experts in three eseia Working Groups. Joint eseia programming activities have led to a valuable project basis that will be at the core of success of our undertaking in the future.

As President of eseia I wish to extend my sincere thanks to all of our members for making eseia the success that it is today.

Yours sincerely,



Harald Kainz
President of eseia

Graz, December 2012



eseia President
Harald Kainz

*'eseia's location in
Brussels links its members
to first hand knowledge
and EC experts.'*

Harald Kainz,
President of eseia

About eseia

eseia, the European Sustainable Energy Innovation Alliance, is an association of 26 leading membership organisations in ten European countries. eseia members operate in sustainable energy systems, from energy provision to energy consumption integrating research, teaching and innovation.

The cross-sector membership of scientific, business and political partners is dedicated to advancing innovation to implement renewables and sustainable technologies in Europe as well as on a global scale.

eseia Vision

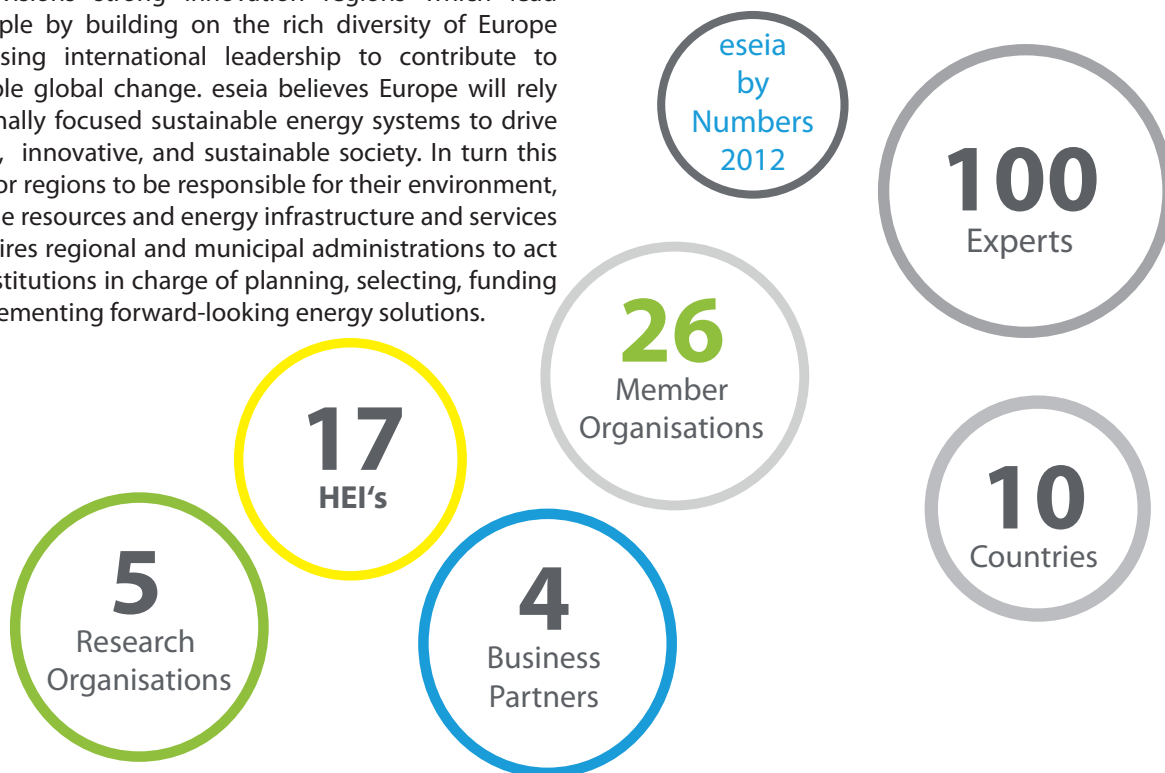
eseia envisions strong innovation regions which lead by example by building on the rich diversity of Europe and utilising international leadership to contribute to sustainable global change. eseia believes Europe will rely on regionally focused sustainable energy systems to drive a vibrant, innovative, and sustainable society. In turn this will call for regions to be responsible for their environment, renewable resources and energy infrastructure and services and requires regional and municipal administrations to act as the institutions in charge of planning, selecting, funding and implementing forward-looking energy solutions.

eseia Aims

To advise and support regional decision-makers to realise their energy strategies for 2020 by being an active and reliable partner for implementing energy solutions.

To develop innovative concepts from emerging knowledge, education programmes to information measures and disseminate these to initiate wide-scale implementation locally and globally.

To contribute to enable Europe to take the leading role as the most innovative region towards global sustainability and optimise Europe's position in future markets.



New eseia Governing Council refocuses eseia Strategy


In spring, Harald Kainz was unanimously elected new President of eseia (GA, Brussels, 12 March 2012). Harald Kainz is acting Rector of TU Graz and was previously General Manager of UTW Environmental Engineering, Vienna, and Head of Institute for Urban Water Management and Landscape Water Engineering, TU Graz.


Harald Kainz took office together with the new eseia Vice-President Andrea Simoni, Secretary General FBK and the new eseia Treasurer Sjoerd von Tongeren,

General Assembly
eseia's highest decision making body meets at least once a year

Governing Council
responsible for the strategic management of eseia



Harald Kainz
TU Graz, AT
President


Teresa Ponce de Leão
LNEG, PT
Vice-President


Brian Norton
DIT, IE
Vice-President


Andrea Simoni
FBK, IT
Vice-President


Ion Visa
UNITBV, RO
Vice-President


Sjoerd van Tongeren
UT, NL
Treasurer


Brigitte Hasewend
Director

Secretariat
co-ordinates eseia's day to day operations and is located in Graz, Austria

Executive Director of the Institute for Governance Studies (IGS), University of Twente.

Heartfelt thanks from eseia go to previous GC members, former eseia President Hans Sünkel, former eseia Treasurer Francesco della Porta and former eseia Vice-President Maciej Żukowski for their support in the start-up phase of eseia.



eseia General Assembly, Brussels, 12 March 2012
(from left to right: H. Kainz, S. Metz, L. Crema, E. Nix, B. Hasewend, H. Bartolo, T. Ponce de Leão, A. Simoni, S. Van Tongeren, A. Duta, F. Della Porta, F. Furlinger, S. Ward, F. Stelzer)



Hand-over at the General Assembly
Brussels, 12 March 2012
eseia Vice-President T. Ponce de Leão, F. Della Porta

Three eseia Working Groups connect 100 European experts

eseia launched **three Working Groups on Bioresources, Smart Cities and Regions, and Education and Training**. The three eseia Working Groups unite 100 eseia experts who are engaged in joint programming activities to achieve RE systems innovation.

WG 1: Bioresources

In this thematic area the main challenge is to provide a framework for contextualised and rational use of bioresources. Bioresources are the most contested input to renewable energy systems as the food sector, the energy sector, and, increasingly, the industrial sector all compete for these resources. Additionally, bioresources are uniquely bound to their geographical context.

WG 2: Smart Cities and Regions

The challenge in this area is the integrated utilisation of efficiency technologies (e.g. energy efficient buildings), grid-overarching optimisation of energy systems, and the societal challenges of implementing complex energy solutions utilising all available resources in the most rational manner.

WG 3: Education and Training

The eseia Education and Training Programme reflects the results of the EC SET Plan Education and Training Initiative and exploits the full capacity of eseia members for linking practice and education and providing the best training opportunities for the brightest students and professionals.

In 2012, the eseia WGs carried out a number of funded projects (ref. eseia Projects, page 8). In addition, the WGs prepared several EC funding proposals. Normal WG mode includes participation in a series of telephone conferences organised by the eseia Secretariat and WG meetings.

100
Experts

3
Working
Groups

WG 1: Bioresources

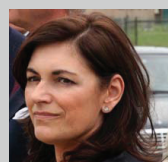


Coordinator:
M. Narodoslawsky
TU Graz, AT

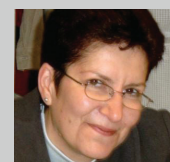


Co-Coordinator:
M. Artentsen
U Twente, NL

WG 2: Smart Cities and Regions

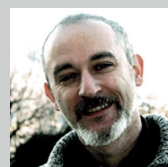


Coordinator:
T. Ponce de Leão
LNEG, PT



Co-Coordinator:
A. Duta
Univ. of Braşov, RO

WG 3: Education and Training



Coordinator:
L. Crema
FBK, IT



Co-Coordinator:
A. Duffy
DIT, IE

Launch of New eseia Education and Training Programme

One of the main achievements of the eseia WG3 on Education and Training was the launch of the New Strategic eseia Education and Training Programme.

Coordinated by the eseia Secretariat with projects managed by eseia partners, the objective is to establish eseia as a premier provider for practical education and training in RES in Europe, with the Secretariat providing steering, funding administration, and branding, marketing and PR.

eseia was also involved in the TU Graz run STYRIAN ACADEMY for Sustainable Energies 2012 as well as in a number of awareness-raising activities with the EC.

The STYRIAN ACADEMY Garden Talk 2012 hosted at Graz University of Technology was devoted to the socio-political implications of energy policy and attracted 71 enthusiastic guests from 8 countries.

The Keynote by Marina Fischer-Kowalski (SEC Vienna, IFF Alpen Adria University) addressed the interactions between energy policy and social transformation. Michael Narodoslawsky moderated the international panel discussion with panelists Miranda Schreurs (Belgium EEAC), Niels Meyer (TU Denmark) and Günter Getzinger (IFZ Graz), discussing concepts of communication, social participation models and social risks regarding energy transition.

All in all, 71 participants from 8 countries from a total of 10 universities and 8 companies joined the Garden Talk 2012 as well as representatives of the cities of Graz and Strasbourg who also took part in the lively discussions and conversations.



eseia E&T Workshop I in Gunskirchen, Austria, 28 Oct 2012
(from left to right: J. Furlinger, S. Metz, J. Reichl, T. Ponce de Leão, B. Hasewend, Y. Krozer, T. O'Leary, M. Narodoslawsky, M. Neagoe)



STYRIAN ACADEMY Garden Talk in Graz, Austria, 4 July 2012
(Panelist Miranda Schreurs, EEAC)



eseia WG E&T Workshop II in Brussels, Belgium, 29 Nov 2012
(WG Leader L. Crema)



eseia E&T Workshop II in Brussels, Belgium, 29 Nov 2012
(from left to right: J. Reichl, N. Bartelme, B. Saake, I. Körner, F. Stelzer, M. Artensen, G. Staukis, L. Fickert, R. Baumgartner, C. Ramsauer, J. Furlinger, S. Ward)

*eseia projects are based
on the fundamental idea of
integrating the three sides
of the knowledge triangle:
Research, education
and innovation.*

eseia Projects

eseia participated in a number of funded projects in 2012.

Focus on Education and Training: eseia participated in the **EC SET Plan Education and Training Initiative**. Coordinated by the European Commission, DG Research and Innovation, the project defined European needs in education and training in RES for 2020. eseia assisted the EC with **8 experts leading three WGs and participating in six.**

6 EC WGs

1 Bioenergy

2 Efficient Buildings

3 Energy Grids

4 Energy Storage

5 System Integration

6 System Coordination

3 eseia Leaders of EC WGs

M. Narodoslawsky,
TU Graz, AT

L. Fickert,
TU Graz, AT

T. Ponce de Leão,
LNEG, PT

5 eseia Members of EC WGs

I. Körner, TUHH, DE

I. Visa, UTB, RO

F. Stelzer, TU Graz, AT

L. Crema, FBK, IT

M. Arentsen, UT, NL

Focus on Smart Cities and Regions: I LiveGraz – smart people create their smart city. Coordinated by the City of Graz with partners Energy Styria, Holding Graz, and TU Graz with a total budget of €300,000, the project's goal was to define a vision for 2050 for the sustainable development of the City of Graz. The eseia Secretariat provided assistance with international dissemination and FP7 project acquisition support.



eseia EUSEW Workshop on Smart Cities and Regions of Tomorrow in Brussels, Belgium, 20 Jun 2012 with Stefan Zotti, Cabinet of EC Commissioner J. Hahn (left to right: B. Hasewend, S. Zotti, M. Arentsen)



,E-Mobility 4 U': eseia member RIC nominated for EUSEW Award 2012 (left to right: J. Furlinger, Director RIC G. Oettinger, EC, Commissioner for Energy)

Focus on Bioresources: Central Europe – Introduction of Regional Energy Concepts – CEP-REC. Coordinated by Environmental Centre Allgäu – eza and with a total budget of €1,2M, the objective was to define Regional Energy Concepts in Central European countries.

In 2012 eseia had 19 articles published by Springer in its **eseia Open Access Journal 'Energy, Sustainability and Society'.**

The Journal is edited by Chief Editor Michael Narodoslawsky, TU Graz in cooperation with Dagmar Fiedler, Helmholtz Association.



eseia Open Access Journal

Cleantech Innovators' Club

eseia was actively involved in two regional networking events of the Clean Tech Innovators' Club, an informal Styrian get-together of innovators from international science, business and education and a collaboration between the Graz University of Technology with ECO World Styria and the Federation of Styrian Industries.

Monika Lichtinghagen-Wirths, CEO of eseia member Bergischer Abfallwirtschaftsverband (BAV), introduced the Project :metabolon.

eseia member Joanneum Research presented the outcome of the **Green Tech Research Strategy Process**: The region of Styria decided to focus Greentech investment on 'Smart Living' in future.

Edgar Ahn presented the BDI Success Story 'Biomass to Liquid'. Other topics of the club were Smart Energy 4 Smart Cities (Energie Steiermark AG), energy efficiency in electric motors (Elin Motoren GmbH), Monitoring innovation processes (Joanneum Research RESOURCES).

The fourth Cleantech Innovators' Club, which was hosted by Energie Steiermark, set a record with 107 innovators, including **Director Theresia Vogel and Elvira Lutter of the Austrian Climate Fund** and the sustainability coordinator of the Styrian Government Wilhelm Himmel.

*eseia provides
a platform for
innovators from
all sectors.*



Cleantech Innovators' Club
Technology Forum for Energy,
Energy Efficiency and Environment



CIC-4 in Graz, Austria, 4 Oct 2012
(Moderators B. Puttinger, ECO WORLD STYRIA
M. Narodoslawsky, TU Graz)



CIC-4 in Graz, Austria, 4 Oct 2012
(Lecturer M. Lichtinghagen-Wirths, BAV)



CIC-4 in Graz, Austria, 4 Oct 2012
(Special guest: T. Vogel, KLIEN)

*eseia integrates members from
higher education, research
and innovation.*

eseia Members

Members of eseia are leading international innovation actors from all sides of the knowledge triangle: business, research and education organisations as well as public institutions that pursue the goal of advancing sustainable energy systems. The combined competencies of eseia members provide a valuable knowledge pool for a one-stop-shop for almost any sustainable energy innovation challenge from renewable resources to consumption. Each partner acts as a focal point in their particular national, regional, and disciplinary context. The alliance spans the whole of geographical Europe.

The eseia membership base has grown to twenty-six fee-paying member organizations in ten countries of which there are seventeen universities, five research organisations, three individual companies and an organisational cluster of one hundred and fifty companies.



eseia business
partners
at work

From left to right:
J. Furlinber, RIC
Y. Hilgers, BAV

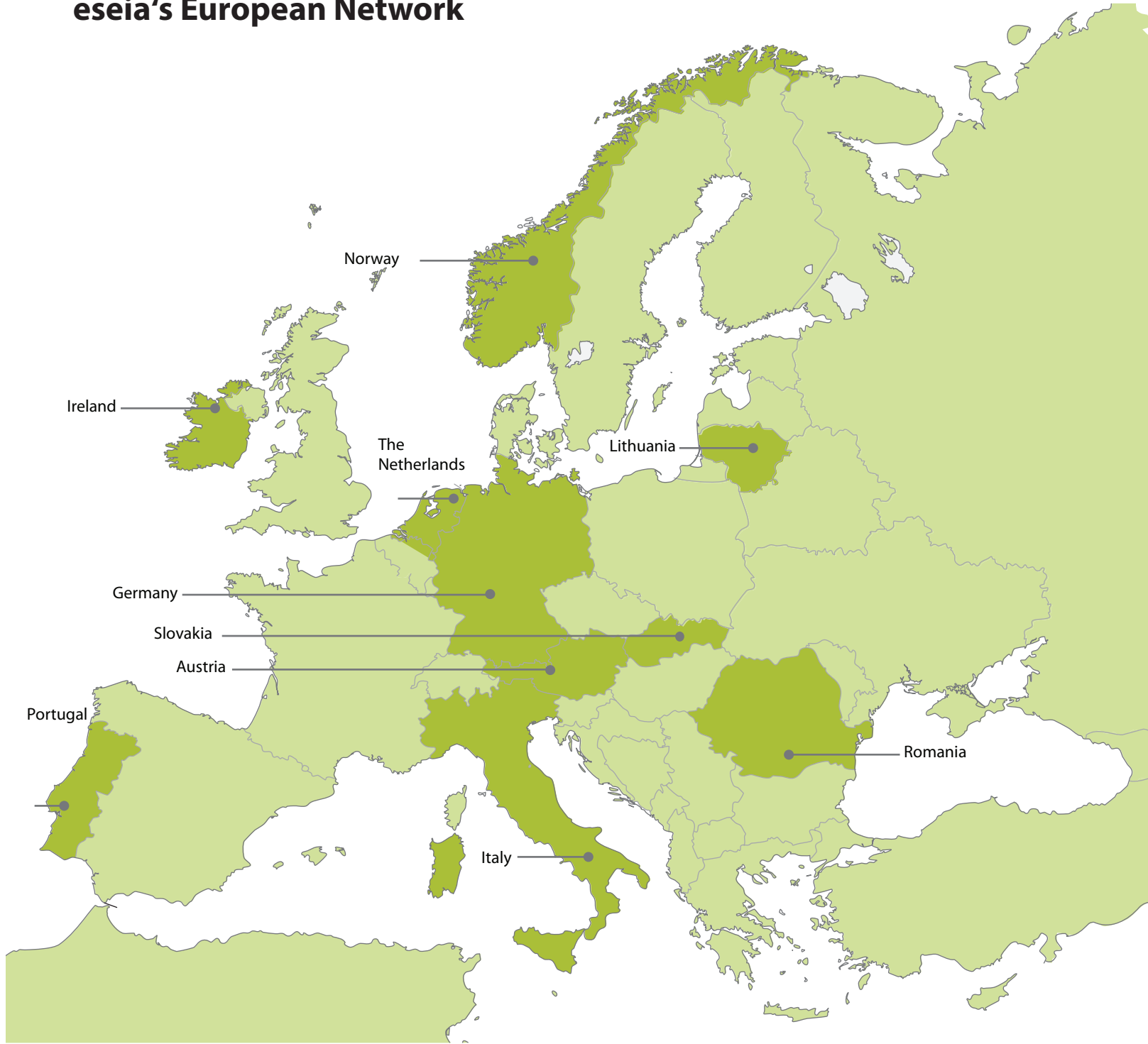
General Assembly,
Brussels, 30 Nov 2012

List of members by country and partner type*:

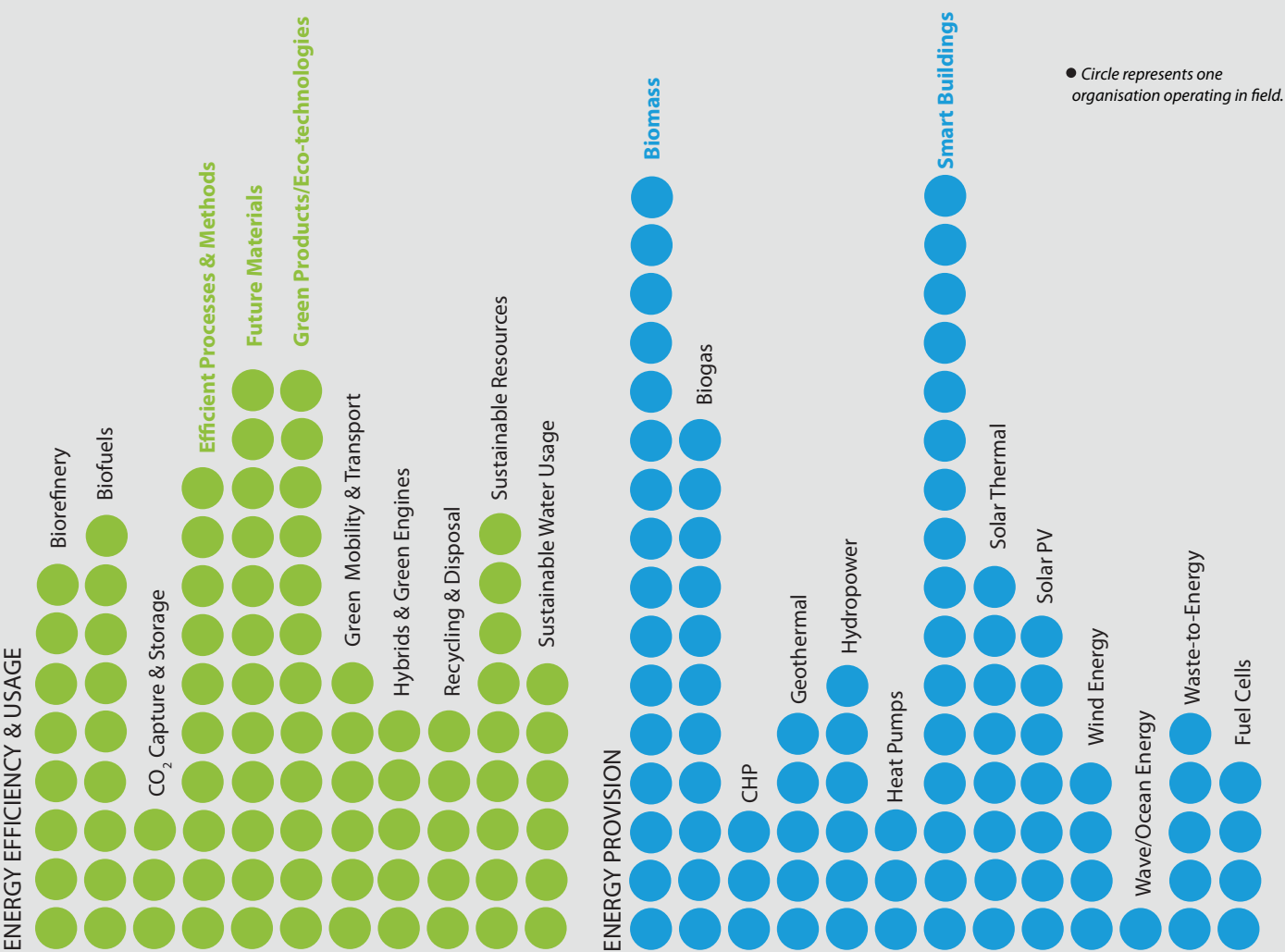
- Austria: [ECO WORLD STYRIA](#)
[Energy Institute at the University of Linz*](#)
FH Joanneum Gesellschaft mbH
Graz University of Technology (TU Graz)
[Inter-University Research Centre for
Technology, Work and Culture \(IFZ\)](#)
JOANNEUM RESEARCH
[Kompetenzzentrum Holz GmbH \(Wood k plus\)](#)
[RIC – BRP Powertrain GmbH & CoKG](#)
University of Graz
University of Leoben
Vienna University of Technology (TU Vienna)
- Italy: [Fondazione Bruno Kessler \(FBK\)](#)
The Parthenope University of Naples
- Ireland: Dublin Institute of Technology (DIT)
University College Dublin (UCD)
- Germany: [Bergischer Abfallwirtschaftsverband \(BAV\)*](#)
Hamburg- University of Technology (TUHH)/
TuTech Innovation GmbH
University of Hamburg,
Centre of Wood Science*
- Lithuania: Vilnius Gediminas Technical University (VGTU)
- Norway: Høgskolen i Oslo og Akershus (HiAO)
[Sintef Energy Research](#)
- Portugal: Instituto Politécnico de Leiria (IPL)
[LNEG – National Laboratory of Energy and
Geology](#)
- Romania: Transilvania University of Braşov
- Slovakia: Slovak University of Technology (STU)
in Bratislava
- The Netherlands: University of Twente

* New members since 2012
HEIs, [Research Organisations](#), [Business Partners](#)

eseia’s European Network



eseia Expertise



eseia brings together members from across Europe increasing the potential for joint collaboration in the field of sustainable energy. eseia’s expertise is made up of the combined competences of the membership organisations and these in turn contribute to the strengths which eseia currently holds. Expertise has been split into four platforms: ENERGY EFFICIENCY & USAGE, ENERGY PROVISION, ENERGY INTELLIGENCE, and ENERGY INTEGRATION. These platforms describe the spectrum of work and the 360° approach which eseia takes to sustainable energy solutions. eseia’s biggest platforms are ENERGY PROVISION and ENERGY INTEGRATION, both with 28 % of competencies in these areas. ENERGY INTEGRATION has a range of 11 fields and ENERGY PROVISION holds eseia’s biggest range covering 13 individual fields.



eseia expertise ranking:

16 organisations operating in the field of **Bio-mass**

16 organisations operating in the field of **Smart Building**

12 organisations operating in the field of **Future Materials & Green products/ Eco-technologies**

12 organisations operating in the field of **Environmental Analysis**

11 organisations operating in the field of **Efficient Processes & Methods**

11 organisations operating in the field of **Biogas**

10 organisations operating in the field of **Regional & Urban Development & Energy Policy**

In 2012, eseia launched three Working Groups including a total of 100 experts across the eseia membership. Resulting from these eseia fields of strength, the Working Groups were established in the three inter-disciplinary eseia focus areas: **Bioresources, Smart Cities and Regions, and Education and Training** (ref. eseia Working Groupes, page 6).

The eseia Competence Matrix 2012 by member organisation is available on the eseia Expertise Website: **www.eseia.eu**

eseia Finances

eseia’s financial strategy is based on the principles of increasing relevance and sustainability of the organisation in terms of membership coverage, achievements for eseia as an organisation, and benefits for its membership.

With a view to the upcoming EU Framework Programme ‘Horizon 2020’, which stresses excellence, industrial leadership, and societal challenges, eseia developed three prioritised Focus Areas in 2012: Bioresources, Smart Cities and Regions, and Education and Training. These three areas not only respond to major thematic challenges but also address strategic European targets in educating and training human resources in RES as defined by H2020.

As eseia Treasurer and member of the Governing Council I personally take responsibility to implement a new eseia member recruitment strategy. This strategy aims to involve major players from the European Regions. It also sets out to strike a balance across sectors and countries.

in 2012 eseia also strengthened ties among its current membership by fostering increased cooperation between member organisations.

eseia also continued raising its international visibility with other major European and international groups. For this purpose, eseia actively established cooperation with the European Commission and international sister organisations in 2012.

Thanks to the positive effects of this strategy the eseia membership grew in 2012.

eseia secured a total of 26 membership fees and a growing share of project income in 2012. A steep increase in project income is projected for 2013.



eseia Treasurer
Sjoerd Van Tongeren, UT, NL

As a non-for-profit research and innovation organisation recognised under FP7, eseia expenditure will closely match income as in previous years.

Overall, I am pleased to have seen eseia grow further in its third year, and I am looking forward to another year of cooperation with colleagues from eseia.

Yours sincerely,
Sjoerd Van Tongeren
eseia Treasurer



Looking to 2013

eseia will be involved in a wide range of funded projects in 2013 which are listed in the following overview. In addition, several project proposals are in the pipeline and may lead to additional funded projects.

Challenge	Activities	Objectives	Lead organisation	Total duration in years	Financing
Bioresources	CEP-REC	Define regional Energy Concepts in Central European Countries	Environmental Centre Allgäu	2	Central Europe
	2 eseia WG meeting and a series of eseia TCs	Steer joint projects and initiatives	TU Graz, Univ. of Twente	1	eseia members
Smart Cities and Regions	I-Energy 2.0	Establish smart energy demo projects in the Styrian region of Weiz-Gleisdorf	Energy Styria	3	Austrian Climate and Energy Fund
	2 eseia WG meetings and a series of TC	Steer joint projects and initiatives	LNEG, Univ. of Brasov	1	eseia members
Education and Training	eseia Education and Training Programme: Marketing and Implementation	Internationally promote eseia as a high-quality provider for practice-oriented education and training in renewable energies	eseia members Univ. of Brasov, BAV, FBK, TU Graz	1	eseia members
	eseia Reference Handbook	Establish a standard for education and training in RES in Europe	eseia Secretariat	0,5	Austrian Ministry of Science and Research
	2 eseia WG meetings and a series of TC	Steer joint projects and initiatives	FBK, DIT	1	eseia members
Visibility	eseia Visibility	Raise eseia visibility as an organisation	eseia Governing Council	1	eseia basic funding, eseia Members
	eseia Management	Improve eseia Secretariat services, eseia Newsletters, eseia Annual Report, eseia Business Meetings, Running Cost	eseia Secretariat	1	eseia basic funding

eseia Member Descriptions

The Bergische Waste Management Association (Bergischer Abfallwirtschaftsverband) with headquarters in Engelskirchen is a public corporation within the North Rhine-Westphalia of Germany and operator of the landfill Leppe.



Regionales Innovations Centrum GmbH (RIC) is an affiliate of BRP-Powertrain GmbH & Co KG – has the focus on research and on building up knowledge. The RIC perfectly combines these pillars: R&D on one hand and high-level qualifications on the other. The RIC – an innovative platform for the exchange of creative thinking between universities and the industry, stands for the next generation of technology centres. RIC is situated on BRP-Powertrain premises.



Since its foundation in 1992, **Dublin Institute of Technology (DIT)** has been recognised as a pioneer in technological higher education, and has become one of Ireland's largest third level institutions. In addition to various study programmes, DIT delivers Ireland's main Masters programme in Sustainable Development, with related programmes in Energy, Spatial Development, and Environmental Health.



ECO WORLD STYRIA is the globally leading business cluster in energy and environmental engineering. To further strengthen and extend international technology and market leadership, ECO WORLD STYRIA supports these companies and Styria – the World's Green Tech Valley – with services and projects focusing on innovation, know-how, and new markets. In early 2010, it was recognised as the world's best Green Tech Cluster by the international Cleantech Group (USA).



The Energy Institute at the Johannes Kepler University focuses on economic considerations of energy policy issues, current issues of the Austrian energy law, the promotion of energy efficiency and the optimized use of biogenic residues.



FH JOANNEUM. With currently 36 degree programmes in the areas of Health Sciences, Information, Design & Technologies, International Business, and Life, Building, and Environment and one Postgraduate programme in the area of management, FH JOANNEUM is one of Austria's leading universities of applied sciences.



Fondazione Bruno Kessler – The foundation with more than 350 researchers offers amongst others studies in Information Technology, and Materials and Microsystems. Its conducted research obtains recognition at an international level and is of strategic importance to the province.



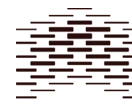
With more than 2,000 staff members and 12,000 students, **Graz University of Technology (TU Graz)** is known for its close business ties and a considerable number of successful spin-offs. Excellence has been achieved in the areas of the built environment and energy infrastructure, sustainable mobility as well as ecological and societal research linked to innovative energy systems.



The **Hamburg University of Technology (TUHH)**, founded in 1978, is Germany's youngest university of technology. The TUHH offer first-class teaching and excellent research at a high international level, and provides intensive science and technology transfer in the field of engineering sciences.



Høgskolen i Oslo og Akershus – Oslo and Akershus University College of Applied Sciences (HiOA) is Norway's largest state university college, after a merger of Oslo and Akershus University College.



The faculties resolve the major issues in the areas of education, health, technology and environment.



The **Inter-University Research Centre for Technology, Work and Culture (IFZ)** was established in 1988 as the Graz branch of the Klagenfurt University. It attempts to improve the understanding of technology's role in society and develop new approaches to shape technological change. IFZ deals with sustainable construction and efficient energy use, exploring the role of users.



With its 13 research units **JOANNEUM RESEARCH** Forschungsgesellschaft mbH is one of the largest non-university research institutions in Austria, offering a wide range of services: applied R&D for SMEs, technical business consulting, and support and project management in applications for national and international funding. Its research is geared towards the demands of business and industry.



Founded in 1585, **Karl-Franzens-Universität Graz – University of Graz** is one of Austria's largest, most venerable and most innovative universities with about 3,500 employees in research, teaching and administration. Diversity characterises the educational offered at six faculties, one of which focuses on Environmental and Regional Sciences and Education.



Kompetenzzentrum Holz GmbH (Wood K plus) is a partnership of different companies and researchers in the areas of wood composites and chemistry. Wood K plus develops and optimises engineering processes that provide the basis for a new generation of innovative products based on wood and related natural substances, acting as a customer-oriented partner.



Montanuniversität Leoben – University of Leoben was established in 1840 and is an internationally renowned "Center of Excellence" in the areas of "Mining, Metallurgy, Materials" (Triple M). The core competencies range from raw material extraction to manufacturing, and recycling and disposal considered as central tasks for future sustainability.



The **National Laboratory For Energy and Geology (LNEG)** is a public institution for research, development and demonstration within the Ministry of Economy in Portugal. The LNEG has a large number of renewable energy projects, from solar to bioenergy, and from developing patents, to pilot and full scale plant, and technical support to industry.



The **Parthenope University of Naples** was founded as the Royal Naval Technical Institute and was later the Instituto Universitario Navale. With the recent expansion, the current student population is about 15,000. It is well known for its curricula in Environmental Sciences, Applied Sciences, Industrial and Agricultural Biotechnologies, and Informatics.



The **Polytechnic Institute of Leiria** is one of Portugal's first polytechnic institutions, founded in 1980. The institute has the mission to train according to the legitimate expectations of the civil society, the students and their families, and is a strong influence in the region.



SINTEF Energy Research is a part of the SINTEF Group. Its R&D activities are focused on power production and energy conversion, transmission, distribution and the end use of energy, including industrial processes and products.



Slovak University of Technology (STU) in Bratislava is the largest university of technology in Slovakia. It focuses on classical technical fields of study, economic and natural sciences, agricultural and forestry fields of study, as well as creative arts.



Transilvania University of Braşov founded in 1940 and is one of the largest universities in Romania, counting 15 faculties. The focus lies on teaching, research, training, inter-university co-operation, university deontology, social protection of the university members, development and upgrading of the material base.



University College Dublin (UCD) – School of Agriculture, Food Science & Veterinary Medicine – The mission of the School is to develop and apply science and engineering scholarship to problems in animal health and welfare, human health, food systems and agriculture for the benefit of society through excellence in teaching and research.



University of Hamburg, Centre of Wood Science is closely linked to the Thünen Institut (vTI). Within the Institute of Wood Sciences you find the following sections and divisions: Forest Economics (Economics of Forest Products, Ergonomics & Biocybernetics, World Forestry) Wood Biology, Wood Technology (Chemical Technology, Mechanical Technology).



The **University of Twente** in Enschede is an entrepreneurial research university. It was founded in 1961 and offers education and research in areas ranging from public policy studies and applied physics to biomedical technology. The University is committed to making an economic and social contribution to the region of the Netherlands where it is based.



The **Vienna University of Technology** is Austria's largest scientific technical research and educational institution, developing scientific excellence and wide-ranging competence. Its research focus "Energy and Environment" comprises more than 80 research groups from all eight faculties and pursues a technological and interdisciplinary approach, providing integrated solutions.



Currently **Vilnius Gediminas Technical University (VGTU)** includes 8 faculties. The university takes an active part in the process of developing a common environment for European Science and Studies.



eseia Event, Brussels, 24 March 2010
 Janez Potočnik, EC Commissioner for Environment
 Günther Oettinger, EC Commissioner for Energy
 Franz Voves, Governor of Styria, Austria

eseia Services to Members

The eseia Secretariat is pleased to offer a wide range of services to members including **access to News from the EC Grapevine**.

In order to update members on recent policy and programme trends, eseia received a series of European Commission staff and colleagues from sister organisations to the **eseia Brussels Office** in 2012.

Among the guest speakers were Director Mary Donnelly, DG Energy on Smart Cities, Head of Unit William Gillet, Executive Agency for Competition and Innovation on FP7 IIE, Frederico Miranda, DG Education and Culture, Marie Curie Actions, Director Timo Makela, DG Environment, on Eco-Innovation and Lidia Borrell-Damian, Senior Programme Manager, EUA-EPUE.

eseia offers a range of media to enhance exchange between members. The eseia website gives access to the eseia competence matrix and to the eseia Working Groups and their projects.

eseia also keeps members informed with its quarterly eseia Newsletter.

For more information on eseia Services to Members, please consult the eseia Membership Portfolio and the eseia PPP which are downloadable from the member area (Membership) on the eseia website www.eseia.eu.

eseia has a wide range of proposal experience across EU funding policies, from IEE, Marie Curie and beyond.



News from the grapevine provided by EC insiders
T. Makela, DG Environment

Guest speaker at the General Assembly, Brussels, 30 Nov 2012



eseia and sister organisation EUA-EPUE
eseia Vice-President B. Norton,
Lidia Borrell-Damian, EUA-EPUE



General Assembly, Brussels, 30 Nov 2012

(From left to right: M. Artentsen, I. Visa, N. Bartelme, F. Stelzer, B. Norton, S. Ward, C. Ramsauer, J. Fürlinger, T. O'Leary, B. Saake, S. Metz, J. Reichl, E. Schwinger, R. Baumgartner, Y. Hilgers, I. Körner, S. Van Tongeren, G. Staukis, L. Crema, H. Kainz, L. Jelemenský, L. Fickert, M. Narodoslawsky, B. Hasewend)



european sustainable energy
innovation alliance

Contact eseia

eseia President Harald Kainz
eseia Director Brigitte Hasewend

eseia Brussels Office
Avenue de Tervuren 84
B-1040 Brussels, Belgium
office@eseia.eu
Metro: Merode, Montgomery

eseia Secretariat Graz Office c/o TU Graz
Mandellstraße 15/II, A-8010 Graz, Austria
Tel.: +43 316 873 5281
Fax: +43 316 873 5282
office@eseia.eu
www.eseia.eu



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Brigitte Hasewend, eseia Director
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