









The Seminar Biowaste Sofia2013 is kindly sponsored and supported by:

 <p>MINISTRY OF ENVIRONMENT AND WATER OF BULGARIA</p> <p>Main building: 1000 Sofia, 22 "Maria Louiza" Blvd. phone: 02/ 940 6000</p> <p>Second building: 1000 Sofia, 67 "Galdston" Str. phone: 02/ 940 6000</p> <p>web: www.moew.government.bg/</p> 	<p>Ministry of the Environment and Waters of Bulgaria is the main managing authority of the Government of the Republic of Bulgaria which forms the country's state policy of environmental protection and coordinates its implementation.</p> <p>Having assessed the data of environmental observations, taken into consideration the conclusions of scientific institutions and the public opinion and following the existing strategic documents and preparing the legal bases, the main goals and task of the Ministry of Environment and Water of Bulgaria and its subordinate institutions are as follows:</p> <ul style="list-style-type: none"> • To organize and coordinate the development of the legal system in environmental protection; • To coordinate and monitor the implementation of the national program for the protection of the environment; • To coordinate and control the rational use of natural resources; • To ensure specific controls on the protection of the environment. • To implement the principle of sustainable development; • To ensure provision of information about the state of environment and its forecasts to the public; • To ensure a proper environmental quality, taking into account the norms and standards of the European Union.
 <p>European Compost Network ECN Organic Resources and Biological Treatment</p> <p>European Compost Network ECN e.V.</p> <p>Office: Dr. Stefanie Siebert Im Dohlenbruch 11 44795 Bochum (Germany) T.: +49 (0) 234 - 438 94 47 F: +49 (0) 234 - 438 94 48 E-Mail: info@compostnetwork.info Internet: www.compostnetwork.info</p>	<p>The European Compost Network is the leading European membership organisation promoting sustainable recycling practices in composting, anaerobic digestion and other biological treatment processes of organic resources.</p> <p>ECN represents via its member organisations more than 2000 biowaste treatment plants (composting, anaerobic digestion, and mechanical-biological treatment) with more than 20 million tons annual capacity in 24 countries and various experts in the range of source separation, treatment, quality management, application and marketing of compost and digestion residuals.</p>
 <p>International Solid Waste Association ISWA</p> <p>General Secretariat, Auerspergstrasse 15/41 A-1080 Vienna, Austria, Ph.: +43 1 253 6001-12, Fax: +43 1 253 600199, E-Mail: info@iswa.org Internet: www.iswa.org</p>	<p>ISWA – The International Solid Waste Association - is an international, independent and non-profit making association, working in the public interest to promote and develop sustainable waste management worldwide. ISWA is the leading International Association representing all aspects and partners within the waste industry. It collaborates with National and International Organizations in research, studies and proposals to fulfil its declared mission:</p> <p style="text-align: center;">“To Promote Sustainable Waste Management Worldwide “</p> <p>With more than 1,400 Members in more than 90 Countries ISWA has a unique worldwide network in waste management matters.</p> <p>The Association is open to individuals and organisations from the scientific community, public institutions and public and private companies from all over the world working in the field of and interested in waste management.</p> <p>ISWA has 10 working groups dedicated to different aspects of waste management; one of these is the Working Group Biological Treatment of Waste who was instrumental in organising this event.</p>
 <p>ENVIRONMENT & ENERGY CORPORATION</p> <p>"ECORP - Environment & Bio-Energy Corporation"</p> <p>1618 Sofia, 61A, "Preki pat" str. - Bratan Bratanov - Bulgaria Tel.: +359 88 949 90 05, Tel2:+359 2 957 14 02 E-Mail : ecorpbg@gmail.com Internet: www.ecorpbg.com</p>	<p>"ECORP - Environment & Bio-Energy Corporation" is a network of highly qualified partners with in depth and up to 25 years of European and international experience. It includes consulting, research & development and building the whole chain of needed infrastructure in integrated waste management, composting and biogas technology. As a team or as single service we provide comprehensive information and advice from the vision and the decision making process down to concrete infrastructure and facility planning and construction.</p> <p>Our network of leading European companies and consultants has been part of the growing environmental, social and economic challenge in waste management in manifold national and local situations. After a thorough study of the problem in place and understanding the specific framework condition we provide all technical know-how as well as best practice examples in order to achieve best suited solutions. These try to balance highest possible and legally required environmental standards, social integration and educational aspects as well economic efficiency.</p>



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 <p>ARGE Kompost & Biogas Österreich Franz-Josefs-Kai 1 1010 Wien - Austria Tel. +43 1-890 1522 Fax: 0+43 810-9554 063965 E-Mail: buero@kompost-biogas.info Internet: www.kompost-biogas.info</p>	<p>Compost & Biogas Association Austria (ARGE Kompost & Biogas) was founded to establish the decentralised composting and anaerobic digestion of separately collected biowaste in cooperation with agriculture (on-farm composting and digestion).</p> <p>Nowadays the association has grown to a full-scale quality assurance organisation on the basis of the common Austrian standards.. ARGE uses external auditors for sample taking, plant inspection, evaluation, documentation and certification of the plants. (258 certified composting plants, 45 waste treating biogas plants and many more agricultural biogas plants; 236.000 t/year treatment in composting)</p>
 <p>BIOLOGIC BIOLOGIC GMBH & CO. KG GILDENSTRASSE 18 48157 MÜNSTER Tel.: +49 (0)251 / 2 39 48-12 Fax: +49 (0)251 / 2 39 48-45 E-Mail: Knappheide@biologic.de Internet: www.biologic.de</p>	<p>The Bio-Filterlids for biowaste collection bins provided by BIOLOGIC allows for a 14-days collection interval without any problems, even in summer. Thus there are no extra cost of personnel and logistics for a weekly collection during summertime. The Bio-Filterlid has been proven to be particularly suitable for the collection of waste food.</p> <p>Biotechnology ensures good results by micro-organisms and active enzymes:</p> <ul style="list-style-type: none"> • Degradation of malodorous substances in the filter • Initiation of composting in the bin. • Distinctly lower fungus development in organic waste • No vermin infestation by flies, maggots, rats etc. • No unfiltered exchange of internal and external air. • Reduction of fungus spores, which cannot constantly emerge from the bin. • No nuisance caused by putrefaction gases and unpleasant smells. • A perfect seal by means of a double lip • Easy and fast mounting on all standardized container systems . <p>A system which pays for itself: More than 300.000 happy customer</p>
 <p>Eggersmann Anlagenbau BACKHUS GmbH Wischenstr. 26 26188 Edewecht, GERMANY Tel.: +49 (4486) 9284-0 E-Mail: info@backhus.de Internet: www.backhus.com</p>	<p>The Eggersmann Anlagenbau BACKHUS GmbH is the world's leading manufacturer of turning solutions for professional composting, waste processing and bioremediation. Customer dialogue allows BACKHUS EcoEngineers to develop concepts for plants and machinery, which provide logical, long-term solutions for the treatment of waste.</p> <p>The company offers the full range of solutions in four product lines: BACKHUS Windrow Turner with turning capacities from 500 m³/hour up to 6,800 m³/hour. Mobile Trapezoid Turner for trapezoidal composting. BACKHUS Lane Turner for composting, bioremediation and MSW treatment between lane walls or in tunnels.</p>
 <p>Eggersmann Anlagenbau Kompoferm GmbH Carl-Zeiss-Str. 6-8 32545 Bad Oeynhausen - Germany Tel. +49 5734 6690-0 Fax +49 5734 6690-140 E-Mail: info@f-e.de Internet: www.f-e.de, www.kompoferm.de</p>	<p>Eggersmann Anlagenbau is an experienced internationally active company group for the development, construction, process plant construction and commissioning of recycling plants, waste treatment plants and bio-gas plants. Solutions for the mechanical pre-treatment and post-treatment and the biological treatment of industrial, commercial and private waste. Recovery of valuable raw materials, energy production and production of refuse-derived fuels and composts from waste.</p> <p>The KOMPOFERM „Waste Transforming System“ combines the effective technologies and competences for the biological (composting and anaerobic digestion) and mechanical (MBT) treatment of mixed or source separated waste in one modular concept. Efficient, expandable and diverse in its application, it forms the basis for maximum resource efficiency. By utilizing the energy (biogas) and recyclable resources (nutrients, organic matter, plastic/RDF, paper, metals..) to its maximum, the system contributes to the protection of the environment and the conservation of valuable resources. Modular concepts, modern ways of optimising efficiency and flexible applications are all characteristic of the solutions supplied by Eggersmann Plant Construction.</p>
 <p>Komptech GmbH Kūhau 37 8130 Frohnleiten, Austria Tel.: +43 3126 505 0 E-Mail: info@komptech.com Internet: www.komptech.com</p>	<p>Komptech is a leading international supplier of machines and systems for the mechanical and biological processing of solid waste, biowaste and biomass. Modular designs offering a variety of performance levels make complete plant combinations easier.</p> <p>The Komptech product range services the following sectors: Composting, processing of biomass and waste wood, waste processing (volume reduction, waste splitting, mechanical/ biological treatment, preparation of refuse derived fuels) and fermentation. The product portfolio comprises shredding, separation, preparation and composting technology.</p>

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 <p>European Investment Bank Projects Directorate - Convergence & Environment Dr. Patrick L. Dorvil 100, Boulevard Konrad Adenauer L-2950 Luxembourg Tel.: + 352 4379 - 82799 E-Mail: dorvil@eib.org Internet: www.eib.org</p>	<p>The mission of the European Investment Bank is to further the objectives of the European Union by making long-term finance available for sound investment.</p> <p>The Bank was created by the Treaty of Rome in 1958 as the long-term lending bank of the European Union. The task of the Bank is to contribute towards the integration, balanced development and economic and social cohesion of the EU Member States.</p> <p>The EIB raises substantial volumes of funds on the capital markets which it lends on favourable terms to projects furthering EU policy objectives. The EIB continuously adapts its activity to developments in EU policies.</p> <p>The main services offered by the EIB to its clients are: Loans: granted to viable capital spending programs or projects in both the public and private sectors. Counterparties range from large corporations to municipalities and small and medium-sized enterprises. Technical Assistance: provided by a team of expert economists, engineers and sectoral specialists to complement EIB financing facilities. Guarantees: available to a wide range of counterparties, e.g. banks, leasing companies, guarantee institutions, mutual guarantee funds, special purpose vehicles and others. Venture Capital: Requests for venture capital should be addressed directly to an intermediary. See www.eif.org to obtain the list.</p>
 <p>Novamont S.P.A., Via Fauser 8, 28100 Novara, Italy Ph.: + 39 0321 6996 11, Fax: + 39 0321 6996 00/01 • E-Mail: info@novamont.com • Internet: www.novamont.com</p>	<p>Novamont is a leading manufacturer of biodegradable and compostable polymers with a low environmental impact. The mission is to reproduce natural cycles by combining environment, industry and agriculture. In this respect the company has always strongly supported the development of source separation and recovery of organic waste as the most sustainable way of treating the organic matter.</p> <p>Under the brand name Mater-Bi Novamont's biodegradable and compostable polymers are successfully used for producing bags for the separate collection of biowaste in a lot of European Countries.</p>
 <p>Compost Systems GmbH Mr. Aurel Lübke Maria-Theresia-Str. 9 4600 Wels/Austria Tel.: +43 (0) 7242/350 777 DW 0 Fax: +43 (0) 7242/350 777 DW 20 E-Mail: info@compost-systems.com Internet: www.compost-systems.com</p>	<p>Compost Systems GmbH was found in 2003 with the following main commercial activities:</p> <ul style="list-style-type: none"> • Design and supply of Waste treatment facilities, including open window composting plants enclosed composting plants with Tunnel or Box type processing reactors. • Consulting for mechanical separation of municipal solid waste, design and build of biological treatment facilities for municipal solid waste. • Waste treatment facility management Software • Consulting on Compost quality monitoring and market implementation of products • using compost. • Supply of Compost testing equipment • Design and supply of compost turning machines <p>50 Reference plants built in Europe for biological treatment of various waste streams are running successfully. Max plant size of 250.000t/year treatment capacity of municipal solid waste.</p>
 <p>Urs Land Management United Research for Soil Mr. Urs Hildebrandt Puehret 5 4722 Peuerbach - Austria EMail: office@landmanagement.net Internet: www.landmanagement.net</p>	<p>The consultation work of URS Landmanagement United Research for Soil covers a broad spectrum of expertise in the areas of agronomy, composting, ecology and the protection of environment and climate. The core of our consulting work is to ensure a prosperous future, by furthering soil fertility. Even though our consulting work guarantees increased yields and profits, on the short term as well as long-term - the essential goal of our work is to establish a balance between all involved parties and factors, which are economy, ecology, health, social aspects and ethics. All of these factors interact in a successful enterprise and ensure for its members a creative, content, healthy and fruitful life.</p> <p>In our practical consulting work we combine our 40 years of practical experience, our know-how in management and business, and our theoretical knowledge based on our scientific education and research. We support our clients in the decision-making processes optimal for their needs and accompany the implementation.</p>
 <p>Gujer Innotec AG Mr. Renato Gujer Horbenerstrasse 7 8308 Mesikon - Switzerland Tel. +41 52 346 13 64 E-Mail: info@gujerland.ch Internet: www.gujerinnotec.ch</p>	<p>GUJER INNOTEC supplies all machinery needs for composters.</p> <p>The composters are constructed to produce high-quality, aerobic compost. By using this compost, healthy soil can be developed within a short time. Healthy soil = healthy plants = healthy animals = healthy people. Additionally, a humus-rich soil naturally accumulates CO₂.</p> <p>The core of each compost turner is the heavy-duty and state-of-the-art drum.</p>

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 <p>biotech Umwelttechnik GmbH Hungberg 3, A-4723 Natternbach/Austria Tel.: +43 7278 / 20 118 Fax: +43 7278 / 20119 E-Mail: office@biotech-umwelttechnik.at Internet: www.biotech-umwelttechnik.at</p>	<p>Biotech Umwelttechnik is an experienced partner for the environmental industry. Perfect products based on long-term experiences are delivered to the composting sector, wood industry, thermal recovery, the paper and plastic industry as well as for bark mulch for landscaping and gardening.</p> <p>Mobile shredder with metal separation up to 580 PS show a very high performance and produce grain sized between 20 - 300 mm in the end product.</p> <p>Material to be treated are: Waste, residual and demolition wood, furniture, shrubs, pallets, bark (mulch), roots, CD's, monitor cases, PET bottles (full and empty), paper and cardboard, etc.</p>
 <p>BIONIKA AG Mr. Urs Hildebrandt Puehret 5 4722 Peuerbach - Austria Tel +43 7276 3618 Fax +43 7276 3618 13 E-Mail: office@bionika.ch Interent: www.bionika.ch</p>	<p>BIONIKA provides alternative products to chemical fertilizers. From hobby gardeners to commercial greenhouse growers, from small organic farms to municipal parks, BIONIKA liquid compost extracts from our Compost-Extraction-Systems (from Growing Solutions) are in use around the world as an organic alternative to chemical fertilizers.</p> <p>The Compost-Extraction-Systems from Growing Solutions, using Fine Bubble Diffusion technology and the OMRI-listed Compost-Extraction-Catalyst, are manufactured and distributed for sustainable agricultural and horticultural markets worldwide.</p> <ul style="list-style-type: none"> • Optimal conditions for the compost extraction process. • Simple to use – easy to clean • Years of smooth and safe operation is ensured. • Close cooperation in research and science • Micro-bubble diffusion technology & robust and high quality components guarantee highest quality compost extract.