



Bioenergy from biogenic residual and waste materials in Myanmar

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Durchführer

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4th Myanmar-German Renewable Energies Symposium:

Powering Myanmar's industrial growth with biomass and waste-to-energy

Tuesday, 29th September 2020, 2:30pm - 4:30pm (Myanmar Time)

10:00am – 12:00pm (German Time)

Webinar

09:45 **Registration of Participants**

Welcome remarks

- 10:00
- Mr. Martin Klose, Delegate, Delegation of German Industry and Commerce in Myanmar
 - H.E. Dr. Thomas Karl Neisinger, Ambassador, German Embassy Yangon
 - Mrs. Janine Fleischhacker, Consultant, eclareon
-

Keynote 1: Sustainable energy production with biogas in Germany

- 10:10
- Mr. Michael Köttner, Managing Director, International Biogas and Bioenergy Center of Competence IBBK
-

Keynote 2: Production of biogas from organic waste and residues of the food industry – Basics, Key figures, application in practice

- 10:20
- Mr. Achim Kaiser, Managing Director, FnBB / GERBIO (German Biogas and Bioenergy Society)
-

Introduction the delegation participant from Germany (7 minutes each)

- Mr. Michael Krafzig, Binder GmbH
 - Mr. Frank Riedel, Solventure GmbH
 - Mr. Christian Baer, ExTox Gasmess Systeme GmbH
 - Mrs. Dr. Ulrike Leroff, PlanET Biogas Global GmbH
- 10:30
- Mr. Nils Warburg, APROVIS Energy Systems GmbH
 - Mr. Christian Daniel, INTEC Engineering GmbH
 - Mr. Alfred Buchner, 2G Energietechnik GmbH
-

Followed by Q&A session

Moderator: Ms. Sophie Waldschmidt, Head of Projects and Services, Delegation of German Industry and Commerce in Myanmar (AHK)

Keynote 3: The future of Myanmar's energy mix – which role can renewables play

- 11:30
- Mr. Htun Naing Aung, Chairman/CEO. Kaung Kyaw Say Group of Companies
-

Keynote 4: Can biomass and organic solid waste power Myanmar?

- 11:45
- Mr. San Thein, Vice President. Myanmar Sugar & Sugar Related Products Merchants and Manufacturers Association
-

Q&A Session

- 11:55
- Moderator: Ms. Lea Bergmann, Project Manager, Delegation of German Industry and Commerce in Myanmar (AHK)

12:00 **Closing of the symposium**
Mr. Martin Klose, Delegate, Delegation of German Industry and Commerce in Myanmar

The conference is part of the Energy Solutions Germany Initiative coordinated and financed by the German Federal Ministry for Economic Affairs and Energy (BMWi). To learn more about **Energy Solutions Made In Germany**, please visit <https://www.german-energy-solutions.de> (for English, click on *International* on top of the website).

The global demand for efficient and environmentally sustainable technologies is high. Germany has a lot of experience in the field of biomass as well as biogas and waste-to-energy technologies. In Myanmar, bioenergy, particularly electricity generation through biomass gasification and biodiesel production, enjoys a high level of acceptance. Many small plants that gasify agricultural residues are already installed at local level. German expertise could help to level up here. Subsequently, there are numerous opportunities for Myanmar-German partnerships in governmental and commercial projects.

The German Delegation of Industry and Commerce in Myanmar therefore invites to the 4th Renewable Energy Symposium. The event will showcase the expertise and the latest energy solutions from Germany and Myanmar and will focus in specific on Myanmar's industrial growth with biomass and waste-to-energy. This conference provides a forum for networking, specialist talks, discussing current developments and the policy environment for smart energy solutions.

The first edition of the Symposium was held in October 2017 and has more than a hundred participants from the Myanmar and German public and private energy sector.

Please scroll down to learn more about the speakers.

Michael Köttner

International Biogas and Bioenergy Center of Competence IBBK
Managing Director

Michael Köttner has a portfolio that ranges from professional services as a scientist and farmer in USA and South Africa, adult education, to being a founding member and CEO in Europe's biggest biogas association, the German Biogas Association with almost 5000 members today.



Since 2000 he is consultant, senior expert, as well as managing director of the International Biogas and Bioenergy Center of Competence IBBK and Vice-chairman of the German Society for sustainable Biogas and Bioenergy Utilisation GERBIO. The main focus of his work is consulting and training work in all aspects of biogas technology and ecological sanitation in a regional, national and international context. Current project locations are in Ghana, South Africa, India, Germany and the UK. Michael is a biogas technology and policy specialist with a broad expertise in the design and planning of agricultural and industrial biogas and bioenergy applications.

The International Biogas and Bioenergy Centre of Competence (IBBK) is an amalgamation and network of experts, companies and interest groups and educational institutes in the field of biogas and bioenergy production as well as recycling technologies. The work of the IBBK covers regional, national and international activities. The Competence Centre is setting up an additional impulse beyond the traditional lobby work and is successfully covering the growing demand for independent, neutral know how transfer of specific information in the field of biogas and bioenergy production as well as recycling technologies. The main emphasis is in training, education, project and consulting work.

Contact:

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Achim Kaiser

Fördergesellschaft für nachhaltige Biogas und
Bioenergienutzung (FnBB) e.V.
Managing Director



Dipl. Ing (FH) Environmental protection soil, water, waste

Professional career:

- 2000 in the context of the diploma thesis on biogas.
- Since 2001 employed at IBBK Fachgruppe Biogas GmbH as project engineer with various activities in the field of biogas on a national and international level.
- Nov. 2003: Joined the FnBB e.V. / GERBIO (German Biogas and Bioenergy Society) as a member.
- Nov. 2007 to Feb. 2018: Member of the board (treasurer) of the FnBB e.V. / GERBIO.
- March 2018: Appointment as managing director of the FnBB e.V. / GERBIO.

Current positions:

- Managing Director of the FnBB e.V. / GERBIO and responsible for member support and press and public relations.
- Contact person at IBBK for operator training and plant safety.
- Coordinator of the Biogas News Blog of the two organizations working in cooperation (<https://ibbk-biogas.com/blog/>).

Contact:

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Mr. Htun Naing Aung

Kaung Kyaw Say Group of Companies Chairman/CEO

He is an engineering, energy consultant and the manufacturer of Renewable Energy System and products. He is the writer and the consultant of the awarded papers of THE ASEAN ENERGY AWARD 2006, 2009, 2010 and 2016. He also read Renewable Energy related papers in both local and international conferences such as ASEAN Energy Business Forum AEBF2007 in Singapore, AEBF2008 in Thailand and AEBF2009 in Myanmar.

He has more than 20 years of experience in mechanical engineering fields such as design and project implementation, production, manufacturing, factory maintenance along with management and marketing and also design and cost estimate of plumbing & HVAC system for commercial and institution facilities.

At present he is not only the designer and manufacturer of Biomass Gasifier, Bio Fuel Processor, but also the activist in the research and development of renewable energy such as mini hydro power project, the Bio fuel project and Energy Efficiency and Conservation. He is an energy auditor certified by ASEAN Center for Energy (ACE) and Energy Conservation Center, Japan (ECCJ). He had served as "National Expert" to UNIDO Representative Office in Bangkok and Local Capacity Builder to FAO – ROBKK.

He is also leading role in the environmental and Social Impact Assessment team.



Memberships

- *Chairman of Energy & Environmental Group (Myanmar Industry Association)
- *Working Committee Member of Renewable Energy Group (Myanmar Engineering Society)
- *Member of National Level ASEAN Energy Award Selection Committee (Ministry of Energy)
- *Member of Board of Judges (ASEAN Energy Awards, ACE-RESSN)
- *Focal Point of the Renewable Energy, Energy Efficiency Business Forum (REBF) in Myanmar
- *Secretariat of CDM Cooperation Board Myanmar
- *Secretariat of South East Asia Center of Ocean Renewable Energy (SEAcORE-Myanmar)
- *CEC Member of Myanmar Industries Association
- *Working Committee Member of National Environmental & Climate Change Central Committee.

Mr. San Thein

Myanmar Sugar & Sugar Related Products Merchants
and Manufacturers Association
Vice President



Born in 1947 in Upper Myanmar.
Graduated from Institute of Agriculture, Mandalay in 1969.
Obtained M.Sc degree from the University of Florida, Gainesville, USA in 1980.
Served as the university lecturer at Yezin Agricultural University until 1992.
Thereafter worked as Head of Agronomy Division, Central Agricultural Research Institute, Yezin.
Moved to Hlegu Central Agricultural Development Training Center as Principal in 1995.

In 1996, he transferred to Myanmar Sugarcane Enterprise, Ministry of Agriculture and Irrigation, Yangon and worked as Director level Head of the Planning and Research Division. He served as team leader of the Sugarcane Research Working Group at national level for over ten years. He formulated the nine new modern sugar factories establishment projects to step up Myanmar sugar industry as export -oriented production. Retired in 2009 from the Ministry of Agriculture and Irrigation and served as Vice President, Myanmar Sugarcane and Sugar Related Manufacturers and Traders Association at national level.

In 2002, he worked as visiting research fellow at the University of Hohenheim, Stuttgart, Germany and conducted research on agricultural economic aspects of sugar industry. In 2005, he joined the Institute of Developing Economies, Chiba, Japan to work as visiting research fellow research program for one year. He carried out bioethanol pilot production at community level from sweet sorghum and conducted the feasibility study at Myanmar Sugarcane Research Center for running the vehicles with the use of 99.9% bioethanol for three years from 2005 to 2007. After he retired, he worked as national consultant at the UNDP, UNOPS, FAO, JICA and other international non-government organizations.

San Thein wrote over 50 scientific papers on agro-industrial development and rural development in Myanmar. He is one of three senior authors drafting the Agricultural Development Strategy and Investment Plan for the Union Ministry of Agriculture, Livestock and Irrigation (MOALI), Naypyitaw and the strategy was approved by the Government of Myanmar. He then designed and formulated the Agriculture Development Strategy for Bago Region upon the request of Bao Regional Government in 2018-2019.

Currently, he is formulating the bioethanol policy to be incorporated in National Sugar Bill for Myanmar Sugar Industry.

ExTox Gasmess-Systeme GmbH

ExTox Gasmess-Systeme GmbH was founded in 2003. Initially located in Dortmund, a continuous growth made it necessary to move the headquarter to larger installations in near-by Unna in 2007. Sales and service personal all over Germany enable ExTox to cater at short notice to a variety of different clients.

ExTox plans, manufactures, installs and maintains fixed gas monitoring systems for combustibile and toxic gases, addressing risks both of public safety and of personal health. The products are designed for the commercial and industrial sector. ExTox does not produce devices for domestic use or handhelds. Apart from gas technology, the portfolio comprises extensive client support, planning of the equipment and the full range of after sales service, including regular maintenance of the equipment. On a domestic base, these services are performed by the sales and service personal, while foreign clients (at a ratio of currently about 15%) are served directly from the headquarter.

Christian Baer Sales and Marketing

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With the exception of the transmitters themselves, the whole development of the product range

takes place in house, including the production of hardware (mechanics and electronics) as well as software. Some components, such as the printed circuit boards or the housings, are acquired; the equipment itself, however, is always assembled exclusively at ExTox. ExTox does not outsource any of the steps regarding the proper functioning of the product and the gas sensitivity.

The existence of modern equipment rendered the development of new measuring concepts in recent years unnecessary. This enabled ExTox focus on adjustments and additions to the basic portfolio, and to find specific solutions for every individual customer. Aspirated systems and Integral Measuring Concepts present particularly efficient solutions to almost every measuring task, since they provide all the necessary components in one compact wall mounted housing - from sampling and preparation of measured gas, sensor technique up to the control unit. The growth of the German Biogas market led to the developing of a relatively high percentage of Biogas related products; yet, due to the modular structure of the ExTox approach, it is possible to use the equipment in a variety of different sectors.



Objectives in Myanmar

So far, the company is only active in European countries. Now they want to expand their activities beyond Germany's border region. Since gas measuring devices require a lot of maintenance, ExTox is not only interested in buyers but also in trustworthy partners. They are looking for cooperation with local partners.

In Myanmar ExTox is interested in meeting partners who operate plants, are involved in the production, installation/assembly and planning of biogas plants and in sales partners. Christian Baer is looking for independent salesmen in the field of biogas, service providers with interest in expanding their portfolio and manufacturers of biogas plants with interest in individually prepared biogas analysis in their offer.

Inter Engineering

Solventure was founded in 2010 by three independent engineers who had been working in waste management for a long time. The company Inter Engineering was retained as a sales organisation.

Initially, 25 biogas plants were installed with an own technology. However, it turned out that separating the waste into biogenic and non-biogenic materials was expensive and never 100% complete. Solventure then developed and patented its own CombiTech process with its own resources, in which the mixed, dirty, wet waste can be inserted into the process without pre-separation and is basically 100% converted into renewable energy. The process consists of two stages, the biogas stage, in which the biogenic materials are converted into energy and high-quality, pure compost, and then the SRS (Selective Residue Solvolysis) stage, in which the inert residues are also converted into energy using a special gasification process. Only the mineral fraction (stones, sand, glass, ceramics and also metals) is automatically and cleanly eliminated from the process.

inter-engineering
frank j. riedel



This means that unsorted, mixed waste in any composition can be processed immediately. The process works fully automatically. The complete and residue-free conversion into energy ensures a high energy yield of over 80%. No waste water is produced and the exhaust gases consist only of water vapour and CO₂.

Frank Riedel
Chief Executive Officer

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Objectives in Myanmar

Inter Engineering wants to export waste disposal plants. So far they have built plants in Germany, Italy, Spain, Turkey and India. In Myanmar, they are seeking cooperation with local partners, a joint venture with a local company and sales partnerships. For their future in Myanmar, they would like direct sales with a local authority, possibly partnership and transfer of know-how to a local engineering company. It is the first step for Inter Engineering into the Myanmar market.

Frank Riedel is interested in talking to possible cooperation partners, especially in the business areas of plant operation, consulting, contracting, services, financing, installation/assembly and sales. In particular, he is looking for a cooperation partner who is already involved in waste disposal and has the technical competence to acquire planned facilities and build them with Inter Engineering's support.

APROVIS Energy Systems GmbH

APROVIS Energy Systems GmbH is manufacturer and OEM supplier of gas treatment equipment and exhaust gas heat recovery solutions designated for the operation with gas engines. With a footprint of more than 70 installations in Southeast Asia and more than 2000 installations a year worldwide they have a wide experience regarding small and medium scale power plant applications.

For renewable energy projects operating with biogas/ sewage gas or landfill gas APROVIS offers following high efficient solutions:

- Gas dehumidifiers
- Desulphurization and control of harmful substances as siloxanes,
- Complete gas purification systems and
- Exhaust gas heat recovery equipment.

APROVIS products are used successfully all over the world. As experts, they are familiar with and consider the different market and customer requirements and implement these to meet specific international standards. These include the European Pressure Equipment Directive, standards of the American Society of Mechanical Engineers (ASME) and the Eurasian Economic Union (EAC).

Their components and system solutions are required in many applications. This is because APROVIS, as the sole provider in the combined heat and power (CHP) market, offers equipment for gas engine based power plants. They specialize in solutions for a wide range



of applications, allowing you to choose between a particular single component or a plant-specific high level concept design.

APROVIS offers expertise as a single source in project planning/sales, design, electrical engineering, order processing, maintenance and service. APROVIS provides customized solutions for different markets throughout all phases of the project: from planning, design, installation and commissioning, through to personal service. This enables to offer the best possible solutions tailored to customers' requirements.

Customers benefit from the latest technological knowledge. This is ensured through long-standing cooperation with universities, an own R&D department as well as close collaboration with customers.

Nils Warburg
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Southeast Asia

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Objectives in Myanmar

As part of its export activities APROVIS has established a Rep-Office in Indonesia as Hub Office South East Asia. Mainly, APROVIS explores export markets through cooperation with local partners and sales partnerships. In Myanmar they already have experience as equipment providers for power generation projects.

In Myanmar, Nils Warburg is interested in making contact with project developers and potential end customers with gas engines (natural gas/biogas/landfill gas/sewage gas) in the range of 0.5 to 10 MW. He is

interested in contact partners from the fields of consulting, contracting and project development. He is keen in getting to know more about engineering, procurement, and construction for energy plants in Myanmar that focus on high quality biogas, sewage gas plants or waste to energy (gasification/landfill). Interesting interlocuters could also be energy consultants for projects in Southeast Asia, and further, energy contractor with IPP with 1-50 MW power range, based on natural gas or biogas.

INTEC Engineering GmbH

INTEC Engineering GmbH is an international company recognized for excellence in the design, manufacturing and delivery of energy systems. INTEC plants represent state-of-the-art technology. The product range comprises:

- Thermal oil heaters
- Molten salt systems
- Steam and hot water boilers
- Natural circulation boilers
- Waste heat boilers for different media
- Solid fuel firing systems
- Thermal and electrical power plants
- ORC power generations
- Thermal sewage sludge utilisation
- Concepts and planning for process heat and energy generation systems

INTEC energy plants universally use thermal oil as the heat transfer medium. Thermal oil boasts significant advantages compared to steam or hot water, particularly that it can be heated at atmospheric pressure up to temperatures of over 300°C with mineral oils, or 400°C with synthetic oils. Thermal oil is consequently the predominant medium used in the supply of process energy for a majority of industrial processes.

Objectives in Myanmar

For the foreign markets INTEC provides products such as energy centers, thermal oil heaters, incinerators and waste heat systems. They are already active worldwide. In the short term, they intend to become increasingly active in South America, Asia, Australia and the USA. Their export activities to date have been handled by direct sales, sales through resellers and support from their own offices in Malaysia, India, the USA and sales agents.



INTEC energy plants supply process heat for various industries like wood, textile, palm oil, chemical, shipbuilding, food, pulp and paper industry. Core components like coils, waste heat boilers, secondary control loops etc. are manufactured and assembled through our subsidiary INTEC Rohrtechnik GmbH in Bruchsal, Germany which guarantees fast and flexible solutions to customer needs.

Christian Daniel

Head of Sales and Marketing

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In Myanmar, Christian Daniel has a special interest in business opportunities, expansion of activities and market development. He is looking for business partners from the manufacturing and project development sector such as industrial customers, utilities and waste management companies.

Binder GmbH

Binder GmbH offers products for biogas quantity measurement and biogas analysis as well as monitoring systems for biogas plants, measurement and control technology for aeration air (in wastewater treatment plants), biogas and all other industrial gases and gas mixtures and energy saving. They have been active in the field of climate-friendly energy solutions since 1999.

For the Myanmar market they have the following products:

- COMBIMASS Thermal Gas Flow Measurement,
- COMBIMASS Gas Analysis
- VACOMASS Activation Air Control in Wastewater Treatment Plants.

So far, the company is active throughout Europe as well as in East Asia, the USA, India and the Middle East. In the short term, Binder GmbH wants to become active in Brazil, Latin America and Southeast Asia. Their activities in these countries so far include trading, customer consulting, technical presentations as well as commissioning and servicing of the company's products through their own foreign subsidiaries, sales partners and cooperation with engineering offices, local representatives for service and sales as well as plant constructors.



Binder has been supplying leading plant manufacturers worldwide with systems for industrial gas flow measurement for decades. In addition, Binder manufactures efficient control valves for activated air in sewage treatment plants and supplies innovative control concepts for the regulation of air intake and the distribution of air to individual basins.

For applications in the field of methane-containing gases (biogas from agricultural fermentation plants, sewage gas and landfill gas as well as biogas from waste treatment plants), Binder has also developed mobile and stationary analysis devices to supplement the gas flow meters. These are particularly characterised by the long-term stability of the measured values and ease of maintenance.

Michael Krafzig

Division Manager Biogas

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Objectives in Myanmar

In Myanmar, Binder GmbH would like to get to know decision makers and find partners to support in local sales and service. Michael Krafzig is interested in project developments for biogas, landfill gas and possibly also sewage sludge fermentation (sewage gas), updates. He further would like to get an overview of the current major players in the biogas business as well as investors. He is looking for discussion partners for plant operations, planning/architecture and sales.

Michael Krafzig would like to talk to planners and consultants in the field of biogas plants, who are

committed to a technically high-quality execution and energy efficiency of the plants. In Myanmar he also wants to get to know plant operators as well as plant manufacturers/financial backers/project developers. In addition, of interest would be possible cooperation partners in sales. Ideally, these should have a nationwide sales structure with contacts to operators and plant constructors, technical competence for the sale of technically sophisticated products requiring explanation.

PlanET Biogas Global GmbH



To date PlanET has successfully implemented 500 biogas plants - from 40 kW liquid manure plants to 3 MW industrial plants - worldwide. This is good for the environment and the operators generate stable yields. Operators benefit from simple and robust technology.

PlanET Biogas Global builds ready-to-use biogas and biomethane plants, extends existing (third-party) plants and provides technical and biological services. Their long and extended experience in planning, engineering, construction and service of biogas plants distinguishes them from competitors. The PlanET Vario solids injection system, the PlanET Flexstore roof, the substrate preparation technology and desulphurisation technology were developed by the company's own research department. The small biogas plants are prefabricated to a maximum extent and require a construction period of only 2-3 weeks.

Every PlanET biogas plant is designed in close coordination with the building owner. A site visit, technical and biological assessment, the pre-engineering (e.g. relevant drawings for the permit process) and the consulting during local meetings with suppliers such as concrete construction companies are part of the

planning phase. A dedicated PlanET project team will determine land area required, assess the quality and type of substrates and decide the process flow. Potential benefit from existing resources on site are always considered planning.

The PlanET has been active in the field of climate-friendly energy solutions since 1998. For their export activities they are currently building biogas plants in Canada, USA, Brazil and the Philippines. They supply components to China and Japan. In the short term, they plan to become active in Kenya, Ghana, Nigeria, Portugal, Greece, Mexico, Thailand, Egypt and Italy.

Dr. Ulrike Leroff

Representative in Thailand

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Objectives in Myanmar

In Myanmar, PlanET Biogas wants to find out who the relevant customer groups are for them. They consider farmers, cooperatives, municipalities and energy consuming companies as of relevance and are further interested in the topics of consulting, financing, installation/assembly, project development, distribution as well as in talking to the food industry and waste management companies. PlanET Biogas is interested in dialogue partners such as farmers who have problems with energy supply and/or manure disposal and for whom a biogas plant from 30kW to 5MW is of interest.

Also, PlanET Biogas wants to get to know the waste/food industry and waste management companies that produce or process larger amounts of organic waste and may have a constant demand for thermal energy and are larger electricity consumers. Potential cooperation partners in sales should ideally have basic knowledge in the field of biogas and contacts to waste/agriculture as well as experience with financing and licensing. PlanET are also interested in cooperation partners in the field of local construction.

2G Energy AG

A 2G module is the ideal solution for everyone seeking to reduce energy costs in the long term and free themselves of rising electricity prices. As a pioneer, innovator and one of the leading manufacturers of decentralised energy generation systems using combined heat and power (CHP) in the world, 2G has commissioned thousands of technologically advanced and high efficient CHP plants since 1995. As a joint stock company, 2G is listed in the Scale segment of the German Stock Exchange and employs 650 people.

2G Energy produces biogas and natural gas modules for decentralised power generation and CHP. For this purpose, they offer planning, production, installation, service and maintenance of CHP plants. The application areas are biogas, sewage gas, landfill gas, natural gas, syngas and hydrogen. They provide pre-project planning and support for local partners in the design of corresponding projects. The product portfolio includes products for biogas and natural gas applications from 20 to 4,000 KW.

The customer base ranges from farming to industry, municipalities, residential sector to utility companies and major energy suppliers. The pronounced customer satisfaction is closely connected with the dense service network and the high technical quality and performance of 2G power plants. Through combined heat and power generation, they reach overall efficiency levels of between 85% and far above 90%. 2G is consistently expanding its technological leadership through continuous research and development work in gas motor technology for natural gas, biogas and synthesis



gas applications (e.g. hydrogen). In addition to designing and manufacturing CHP plants, the company from Westphalia in Germany offers full solutions from planning and installation to servicing and maintenance services. As part of the energy transition and in modern energy supply concepts, CHP plants are increasingly gaining importance in intelligent networked energy systems, called virtual power plants, due to their decentralisation, controllability and predictable availability.

For foreign markets, 2G Energy plans, supplies, installs and maintains CHP plants for decentralised generation of electricity and heat. The company has subsidiaries in 7 countries and sales in more than 50 countries, including countries in Southeast Asia. The general export orientation of 2G is based on the development of local sales and service structures in cooperation with companies already involved in the market.

Alfred Buchner

International Sales

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Objectives in Myanmar

For the Myanmar market, 2G products are specially adapted to higher ambient temperatures and tropical conditions. In Myanmar, 2G Energy is interested in customers in the public and private waste management sector as well as in customers with production of large quantities of biological waste for biogas production as animal husbandry, beverage and food production, sugar cane industry, etc. Alfred Buchner would like to talk to

regional energy producers with initiatives to promote high-efficiency CHP projects and to planners, plant constructors and operators of CHP plants. He is looking for local representatives, distributors, service partners or system integrators for potential cooperation. He is interested in plant operation, consulting, contracting, installation/assembly, planning/architecture, project development and sales.

