

# WORLD CLASS PARTNERS



## 12<sup>TH</sup> TAIWAN-AUSTRIA ECONOMIC COOPERATION CONFERENCE

May 27, 2019

Location: Taipei, Taiwan

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IUT (Innovative Waste & Energy Technologies & Solutions) GmbH operates in the area of design, construction and operation of waste management facilities and is a worldwide technological leader in their field. The IUT Group has merged with the DP Clean Tech Group in 2018 and set up the global waste management department to provide its service to global customers.

IUT developed many important technologies such as ballistic sorter, new composing systems, landfill-mining system, SMELL Well System, which allow the transformation of former dumps to a new land area for real estate. The IUT Group has successfully concluded projects in many different countries and has subsidiaries in Germany, France, Czech Republic, Korea and Canada.

**Sectors of interest:** Treatment Plants for solid waste, Landfill, Soil Remediation

IUT GmbH廢棄物能源管理集團致力於對各類固體廢物進行分類和處理，是此領域全球領先的設計及施工專家。2018年IUT GmbH與德普新源（香港）有限公司合併，設立德普新源全球廢棄物管理部，向全球客戶提供廢棄物管理領域相關服務。

IUT開發了許多重要的技術，如彈道分揀機，新的組合系統，垃圾掩埋場採掘系統，SMELL Well氣味處理系統等將舊垃圾場改為新的土地面積的方案。IUT集團已於多個國家完成各種項目，並在德國，法國，捷克共和國，韓國和加拿大設有子公司。

**相關領域：**固體廢棄物處理、垃圾掩埋場、土壤整治修復

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ADVANCED  
SAFETY & QUALITY  
SOLUTIONS



ASQS (Advanced Safety & Quality Solutions) GmbH is a global innovative software provider in the area of Aviation, Maritime and Offshore Safety and Quality Management Systems. The company was founded in 2009, launching its Integrated Quality and Safety Management System, IQSMS, the same year.

With its headquarters in Vienna and another branch in Thailand, ASQS's products are currently used in more than 190 aviation companies worldwide. Their clients include very small to large airlines, business jet operators and maintenance organizations. Starting in 2015, ASQS applied its services also in the maritime and offshore industry by developing additional modules and adapting existing features.

**Sectors of interest:** safety, quality and risk management in the field of aviation, maritime and offshore; their clients include airlines, tankers, cruise ships, etc.

ASQS (高階安全和品質解決方案) 有限公司是航空、海事和海上安全和品質管理系統領域的全球創新軟件供應商。該公司成立於 2009 年，同年推出了綜合品質和安全管理系統 IQSMS。

ASQS 的總部位於維也納，在泰國設有分支機構，公司產品目前已在全球 190 多家航空公司中使用。其客戶群包括小至大的航空公司、商務機運營商和維修機構。從 2015 年開始，ASQS 還通過開發其他商業模式和調整現有功能，在海事和海上工業中應用其服務。

**相關領域：**航空、海運和近海領域的安全、品質和風險管理; 其客戶包括航空公司、油輪、遊輪等

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AME (Advanced Medical Solutions) International GmbH is a comprehensive partner in the field of healthcare with over 20 years of experience at the international level. As a total solution provider, the company unites expertise and competence in the field of healthcare technology projects, providing custom-made solutions for its clients.

Their customers receive comprehensive concepts for the realization of their projects and are supported by the company's experts at all stages of the project. The range of services includes:

- Project development
- Consulting
- Financial engineering
- Implementation
- Know-how transfer
- After sales service

**Sectors of interest:** consulting & hospital engineering, medical package solutions, eHealth solutions

AME (領先醫療解決方案) 國際有限公司是醫療保健領域的綜合合作夥伴，國際上擁有20多年的經驗。作為提供整體解決方案的廠商，該公司將醫療技術項目領域的專業知識和能力結合在一起，為客戶提供訂製的解決方案。

其客戶將會獲得如何實現公司計畫的整體概念，並在項目的各個階段得到公司的專家協助。

公司服務範圍包括：

- 項目發展
- 顧問諮詢
- 金融工程
- 執行實施
- 技術資訊移轉
- 售後服務

**相關領域：**顧問諮詢和醫院工程，醫療整體解決方案，電子衛生保健解決方案

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ams (austrian micro systems) is a global leader in the design and manufacturing of advanced sensor solutions and analogue ICs. The company's mission is to shape the world with sensor solutions, thus providing a seamless interface between humans and technology.

ams' high-performance analogue products drive applications requiring extreme precision, dynamic range, sensitivity and ultra-low power consumption. Products include sensors, sensor interfaces, power management and wireless ICs for consumer communications as well as industrial, medical, and automotive markets. ams, which is headquartered in Austria, employs over 1,800 people globally and serves more than 8,000 customers worldwide.

ams (奧地利微機電系統) 是進階感測器解決方案和模擬 IC 在設計和製造上的全球領導者。該公司的使命是通過感測器解決方案塑造世界，從而使人與技術之間沒有距離。

ams 高性能模擬產品的驅動程式應用需要極高精準度的動態範圍，其不僅靈敏度高卻為超低功耗。公司提供的產品範圍包括用於消費者通信以及工業、醫療和汽車市場的感測器、感測器接口、電源管理和無線 IC。ams 總部位於奧地利，在全球擁有 1,800 多名員工，服務遍及全球 8,000 多家客戶。

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LOYTEC electronics GmbH today ranks among the leading European providers of intelligent networked control products for building automation. The company relies on open and standardized communication protocols. LOYTEC is part of the *Delta Group* family headquartered in Taiwan, serving as a center of excellence for Delta's Building Automation Business.

LOYTEC develops, manufactures, and distributes router and gateway solutions, embedded Automation Servers and I/O Controllers, the room automation system L-ROC, DALI lighting controls, the VAV system LIOB-AIR and graphical user interfaces in the form of touch panels or via PCs or mobile devices.

LOYTEC electronics GmbH 已成為今日建築自動化所運用的智能網絡控制產品於歐洲的領導廠商。該公司依賴於開放和標準化的通信協定。LOYTEC 是 Delta Group 家族的一部分，總部位於台灣，是卓越的 Delta 建築自動化業務中心。

LOYTEC 開發、製造和銷售路由器與閘道器解決方案、嵌入式自動化伺服器及 I/O 控制器、L-ROC 房間自動化系統、DALI 照明控制、VAV 系統 LIOB-AIR 以及觸控屏或 PC 等移動設備形式的圖形用戶界面。

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KLH Massivholz GmbH is a family owned company operating internationally for more than 20 years. With the development of cross-laminated timber (CLT, X-Lam), wood construction has been given a completely new dimension of ecological and energy-efficient building technology. KLH Massivholz GmbH was the first company to produce cross-laminated timber industrially.

The company does not limit itself to its core competence and, in addition to cross-laminated timber, offers a wide range of services for architects, planners, construction companies as well as private and public investors. KLH solid wood panels have been used as design elements in more than 28,000 reference projects worldwide – including awe-inspiring environmentally friendly (energy saving) high-rise buildings.

**Sectors of interest:** real estate, real estate management, urban technologies, architecture, forestry/timber, building construction, building materials

KLH Massivholz GmbH是一家家族企業，在國際上運營已有20多年。隨著交叉層壓木材（CLT·X-Lam）的發展，木結構已經被賦予了生態和節能建築技術的新標章。KLH Massivholz GmbH是業界第一家生產交叉層壓木材的公司。

該公司不受限於其核心競爭力，除了交叉層壓木材外，公司還為建築師，規劃師，營造公司以及私人和公共投資者提供廣泛的服務。KLH實木板已被用於全球28,000多個項目的參考設計元素 – 其中包括令人敬畏的環保（節能）高層建築。

**相關領域：**房地產，房地產管理，城市科技技術，建築，林業/木材，建築施工，建築材料

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The services of NEUHOLD Environmental Technology include the design, manufacture, supply, installation and start-up of electromechanical components for municipal and industrial water/wastewater treatment plants as well as biogas power (waste-to-energy) plants. The company offers has more than 35 years of experience in that field.

NEUHOLD equipment has been installed in many municipal and industrial wastewater treatment plants throughout Europe, Africa, America and Asia – including a number of highly successful reference projects in Taiwan.

**Delivery program:**

- Municipal waste water treatment: screening plants, grit & grease removal, primary and secondary settlement tanks, scrapers, aeration systems, phosphorus elimination, anaerobic treatment for biogas production, automatic flow regulators, automatic flushing systems
- Industrial water treatment: water purification, treatment of process water, wastewater purification, analyses and feasibility studies, process development, basic engineering, detail engineering, simulation, etc.
- Flood protection: mobile flood protection walls, screening plant.

NEUHOLD環境技術的服務涵蓋城市和工業水/廢水處理廠以及沼氣發電廠（廢物轉化能源）的機電組件的設計、製造、供應、安裝和啟動。該公司在該領域擁有超過35年的經驗。

NEUHOLD的設備已經安裝在歐洲、非洲、美洲和亞洲許多城市和工業的廢水處理廠 – 此其中包括台灣多項非常成功的參考項目。

**實施計劃：**

- 城市污水處理：篩分設備，去除砂礫和油脂，一級和二級沉澱池，刮板，曝氣系統，除磷，沼氣生產厭氧處理，自動流量調節器，自動沖洗系統
- 工業廢水處理：水淨化，水處理，廢水淨化，分析和可行性研究，處理過程開發，基礎工程，細節工程，模擬等。
- 防洪：移動防洪牆，篩分設備。



## Austria – a Pioneer in Green Energy

Austria is one of the global leaders in hydropower and renewable (“green”) energy technologies. Hydropower has a longstanding tradition in Austria as the country has no shortage of rivers and mountains. **The annual output from hydroelectric plants accounts for 67% of Austria’s overall energy production; almost ¾ of the country’s electricity production are from renewable sources (2018).** The development/optimisation of machinery and equipment to generate hydroelectricity (=small + large hydropower plant projects) is a core competency of Austria’s green-tech sector and increasingly in high demand across the globe.

Investing strongly in their research and development capacities, Austrian enterprises continuously innovate and provide cutting-edge products & services recognised for their efficiency and high quality. The Austrian Commercial Office is pleased to introduce the following pioneers in the production and implementation of small hydropower-plant technology to the Taiwanese market:

奧地利是水力資源和可再生（“綠色”）能源技術的全球領導者之一。水力資源在奧地利有著悠久的傳統，因為該國不乏河流和山脈。水力發電廠的年產量佔奧地利總能源產量的 67%；該國幾乎有 3/4 的電力來自可再生能源（2018 年）。

開發/優化用於產生水電的機械和設備（=小型+大型水力發電廠項目）是奧地利綠色科技產業的核心競爭力，並且有越來越高的全球需求。

奧地利企業大力投資研發能力，不斷創新，提供高效、高品質的尖端產品和服務。奧地利商務辦公室很高興向台灣市場介紹以下開發小型水電站技術的先驅：

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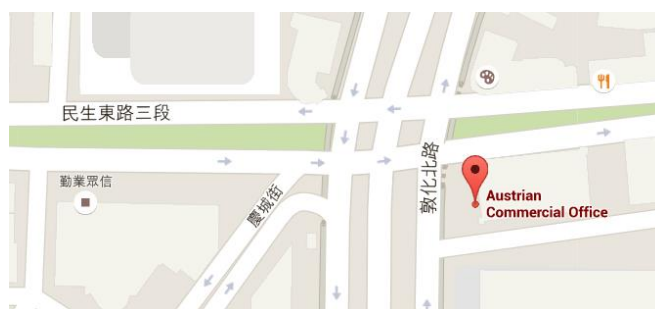
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Geppert GmbH was founded in 1896. The company's core competencies are planning, manufacturing, installation and commissioning of electro-mechanical equipment for hydropower plants from the end of the pressure pipeline to feeding into the grid (water to wire solutions). The company is certified according to quality management ISO 9001: 2008.

Geppert GmbH supplies the entire electromechanical equipment from water to wire from one source. Pelton Turbines up to 20 MW are built with 1 to 6 nozzles, with external and internal controlled jet units. Francis Turbines up to 20 MW are supplied as open flume turbines with lower heads and as horizontal and vertical spiral turbines with medium heads. The Diagonal Turbine up to 5 MW is a double regulated reaction turbine. Kaplan Turbines up to 5 MW are built as chamber, as S- or as bulb units in horizontal or vertical design.

**Sectors of interest:** Environmental Technologies, Renewable Energy, Energy Industry, Plant Engineering & Construction/Smart Factory

Geppert GmbH成立於1896年。該公司的核心能力是的水電站從壓力管道末端到供電網絡（水到電線解決方案）機電設備的規劃、製造、安裝和試運。該公司已通過ISO 9001：2008品質管理認證。

Geppert GmbH提供從水到電線的整體機電設備。高達20兆瓦的佩爾頓式水輪機採用1至6個噴嘴，配有外部和內部控制噴射裝置。最高20兆瓦的法蘭西斯式水輪機為帶有低水頭的開放式水槽渦輪機。而同機型另一款則是有中低水頭的水平和垂直螺旋水輪機。高達5兆瓦的對角水輪機是雙調節反應水輪機。公司也有產池是及橫式的卡布蘭式水輪機，其產值高達5兆瓦，並分為氣室式、球燈泡式及S-式。

**相關領域：**環境技術，可再生能源，能源工業，工廠工程和建築/智能工廠

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Global Hydro Energy GmbH is an experienced, flexible and dynamic company operating worldwide in the field of hydropower technology. All the core components of Francis, Kaplan and Pelton turbines are produced in Austria.

As an independent Austrian company with more than 100 years of experience in Hydropower, Global Hydro's clients benefit from the flexibility and innovations of a company with international experience in project management and worldwide export activities. Due to its international orientation, more than 90% of Global Hydro turbines are destined for the export market.

Core competence: Small Hydropower Plants up to a maximum of 25 MW per turbine "Water to Wire".

**Sectors of interest:** Environmental Technologies, Renewable Energy, Energy Industry, Plant Engineering & Construction/Smart Factory

Global Hydro Energy GmbH是一家經驗豐富，靈活且充滿活力的公司，其水電技術領域服務遍布全球。法蘭西斯式、佩爾頓式及卡布蘭式水輪機的所有核心部件均在奧地利生產製造。

身為一家擁有100多年水電經驗的獨立奧地利公司，Global Hydro的客戶受益於其創新和靈活的公司經營與其專案管理和全球出口的國際經驗。由於公司的為國際導向，超過90%的Global Hydro水輪機將用於出口市場。

核心能力：小型水力發電廠每台水輪機從「水到電線」最高可達 25 兆瓦。

相關領域：環境技術，可再生能源，能源工業，工廠工程和建築/智能工廠

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Gugler Water Turbines GmbH is a strongly internationalized Austrian family business active in the development and the supply of turbines and small hydropower plants.

The internationally operating company provides all types of water turbines (Kaplan, Francis and Pelton turbines) up to 20 MW per unit and installs them in existing or new plants. The company specialises in the supply of turnkey systems, including the entire electromechanical equipment for a hydropower plant.

Gugler Water Turbines GmbH has more than 90 years of experience in the hydro sector, also as operator of its own hydropower plant. The company has successfully executed more than 1,000 projects all over the world.

**Sectors of interest:** Energy Industry, Metals/Metal processing, Plant Engineering & Construction/Smart Factory, Building/Construction materials, Environmental Technologies, Renewable Energy, Transportation Infrastructure/Below Ground Engineering

Gugler Water Turbines GmbH 是一家國際化的奧地利家族企業，活躍於水輪機和小型水力發電廠的開發和供應。

這家國際運營公司提供各種類型的水輪機（卡布蘭式、法蘭西斯式和佩爾頓式水輪機），每台設備高達 20 兆瓦，並將其安裝在現有或新建工廠中。該公司專門提供轉鑰系統，包括水力發電廠的整個機電設備。

Gugler Water Turbines GmbH 在水電產業擁有超過 90 年的經驗，同時其自身也有營運水力發電廠。該公司已在全球成功運行了 1,000 多個項目。

**相關領域：**能源工業，金屬/金屬加工，工廠工程與建築/智能工廠，建築/建築材料，環境技術，可再生能源，交通基礎設施/地下工程

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Stocker Technik GmbH is a hydro plants producer, offering various solutions in the sector of hydropower (small power plants, drinking water power plants,...), plant and mechanical engineering and energy and environmental engineering (UV systems, photovoltaics, wind power, emergency power, etc.). Its services include the planning, development, construction and maintenance of individual customer-orientated solutions.

Founded by Mr. Peter Stocker in 2010, the visionary small team around the company founder has so far realized more than 70 projects. The company has entered the global market by planning, constructing and commissioning its first hydro power plant outside Europe in 2018. In the prefecture of Tokyo the first drinking-water power plant of Japan – made in Austria – provides clean energy to its population.

**Sectors of interest:** Hydropower, Plant and Mechanical Engineering, Energy and Environmental Engineering

Stocker Technik GmbH 是一家水電站生產商，提供水力發電（小型發電廠，飲用水發電廠.....）、工廠、機械工程以及能源和環境工程（紫外線系統、光伏發電、風力發電、緊急發電等...）領域的各種解決方案。其服務包括客製化導向解決方案的規劃、開發、建設和維護。

此公司由彼得斯托克先生於 2010 年創立，這個有遠見的小團隊與公司創始人迄今已完成了 70 多個項目。2018 年，該公司已於歐洲以外的地區規劃、建設和試運其第一座水力發電廠，並依此正式進入全球市場。位於在東京縣，日本第一座飲用水發電廠，為奧地利製造，為其民眾提供乾淨的能源。

**相關領域：**水電，工廠和機械工程，能源和環境工程