比中洁径

Cleantech Route China

Cleantech in Flanders

《比中洁径》展现比利时法兰德斯清洁技术实力

ENG

中文

Provincie Antwerpen

Limburg economisch versnellen

provincie Oost-Vlaanderen

POM West-Vlaanderen

SMART HUB

FLEMISH BRABANT

Cleantech Flanders Powered by VITO

FLANDERS INVESTMENT & TRADE

Flanders State of the Art

Content - 目录

关于
《比中洁径》

About Cleantech in Flanders

Companies per industry

About Cleantech Route China

关于比利时法兰德斯的清洁技术

公司名称按字母顺序排列

公司按行业归类

Alphabetical company list

About Cleantech Route China

Connecting cleantech companies between Belgian and Chinese partner regions

Cleantech Route China is an initiative of the Belgian provinces of Antwerp, Limburg, East Flanders, West Flanders and Flemish Brabant, Cleantech Flanders and Flanders Investment & Trade. It enables Flemish cleantech companies to become acquainted with the potential and importance of the Chinese market, in order to stimulate Belgian-Chinese collaborations and projects. To do so, Cleantech Route China works closely together with partners in their Chinese sister regions.

The cleantech sector in Flanders is characterized by many young, small companies and ranks very high in terms of innovation. By stimulating and supporting internationalization, companies are given the opportunity to expand the scope of their innovations and strengthen Flanders as an innovative region.

Due to the high degree of urbanization that China has experienced over the past 30+ years, China is an interesting and important market for Flemish cleantech companies. The objective of Cleantech Route China is also perfectly aligned with the 2025 Made in China strategy, the Green Development objectives in China's 14th five-year plan and the general shift to more green manufacturing projects in China. The expertise and experience of Flemish companies can support the Chinese regions in the realization of green factories and green industrial parks and projects to promote energy efficiency, environmental protection, resource usage, remanufacturing and low-carbon technologies.

All Flemish provinces have a partnership with a sister region in China - often spanning over multiple years - with an emphasis on economic cooperation. Cleantech Route China specifically focusses on these sister regions, being Chengdu, Chongqing, Guangdong, Hebei, Shaanxi, Suzhou and Zhejiang. . In addition, Flanders Investment & Trade has offices in Beijing, Shanghai and Guangzhou. This network establishes a unique bridge between the Flemish and Chinese cleantech industry.

This catalogue provides a first glance at the Flemish cleantech industry and its companies. Interested in more information or a collaboration? We welcome you to contact the companies directly or through one of the partners of Cleantech Route China.

Contact details

About Cleantech in Flanders

Provinces with an interesting cleantech industry

East Flanders

University: Ghent University, KUL Technology campus
University colleges: HoGent, Artevelde, Odisee,...
Research institutions: Clusta, Centexbel,
Incubators / accelerators: BBEU, Capture,...

Flemish Brabant

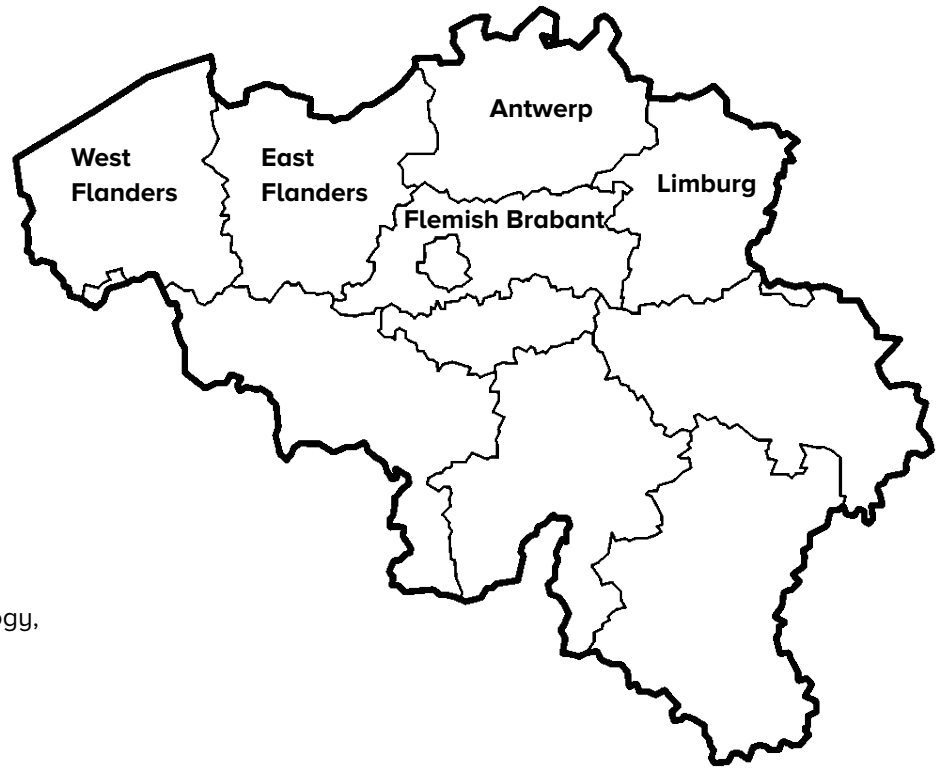
University: KU Leuven, VUB
University college: UCLL, LUCA
Research institutions: B-PHOT, LMRC, LICT, VIB, ...
Incubators: FFH Campus, Bio-Incubator, I&I, Creative Hub Vaartkom, ...

Antwerp

University: University Antwerpen, AMS
University colleges: AP, KDG, Thomas More
Research institutions: VITO, SCK
Incubators: BlueChem, Darwin, Kamp C, LITC, House of Technology, University Antwerpen Science Park, BlueHealth

Limburg

University: University Hasselt
University colleges: PXL, UCLL
Incubators: Energyville, Greenville, Agropolis



West Flanders

University: KU Leuven, Ghent University
University colleges: VIVES, Howest
Research institutions: Demonstrator Physical Internet, Circular Materials Center, M&M Competence Center, Foodlab, VEG-i-TEC
Incubators: Bluebridge

About Cleantech in Flanders

Cluster Organisation - Cleantech Flanders

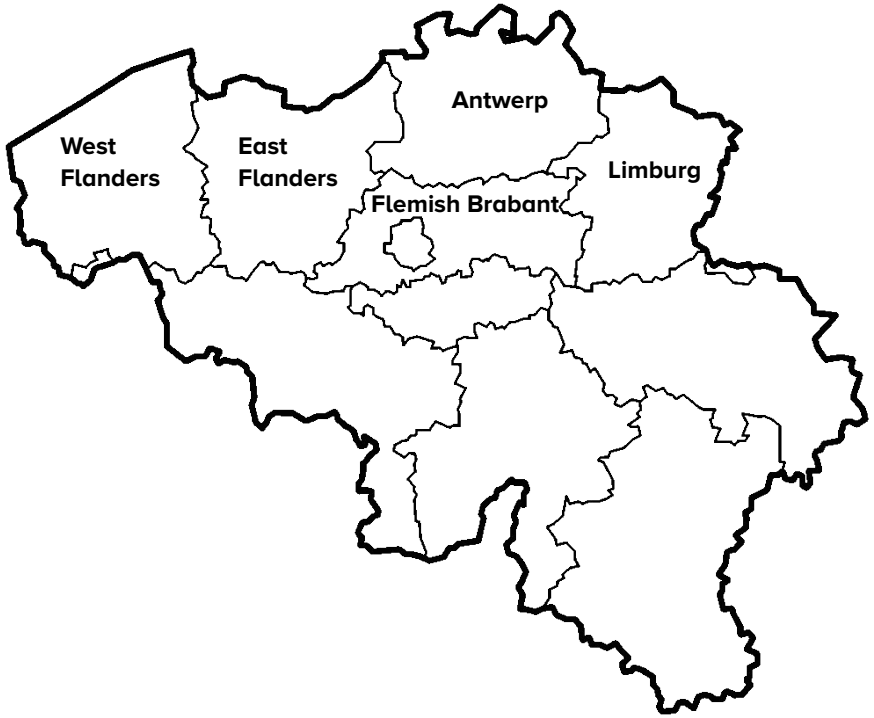
Powered by VITO, and in collaboration with companies, research institutes, public bodies and civil society actors, Cleantech Flanders is a catalyst for innovation and implementation of clean technologies in society. It is our mission to promote and stimulate the implementation of clean technologies that accelerate the transition to a sustainable world.

Main activities in Cleantech

We operate across sectors on multiple cleantech domains, including energy, materials, mobility and water.

Mission of Cleantech Flanders

Cleantech Flanders: your gateway to the Flemish cleantech ecosystem.



Cleantech Flanders

Powered by **VITO**

Cleantech Route China

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Cleantech Route China

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《比中洁径 》合作推广项目简介

比中洁径 – – 为比利时和中国友好省市间的清洁技术企业搭建合作桥梁

《比中洁径》是由比利时安特卫普省、林堡省、东法兰德省、西法兰德省、法兰德斯布拉班特省及法兰德斯清洁技术协会、法兰德斯投资经贸局共同发起的联合项目。本项目旨在帮助法兰德斯大区的清洁技术企业充分了解中国市场的潜力及重要性，促进比利时–中国双边合作，推动更多合作项目落地。为实现该目标，《比中洁径》与项目伙伴在中国的友好省市的合作伙伴开展了密切合作。

法兰德斯地区清洁技术产业的主要特点是小型初创企业数量众多、企业创新能力领先。通过鼓励和支持自身的国际化进程，企业获得了不断拓展创新领域的机会，而且有效地巩固了法兰德斯地区作为清洁技术创新高地的地位。

过去30多年来的城镇化快速发展已使中国成为对法兰德斯地区清洁技术企业来说相当有吸引力的重要目标市场，而《比中洁径》项目的愿景也正与“中国制造2025”战略规划、十四五规划的绿色发展目标以及从“中国制造”向“绿色制造”转变的战略相契合。法兰德斯企业所具备的专业技术和丰富经验，可以有效帮助中国各地区实现绿色工厂、绿色工业园区和绿色项目的目标，不断提升能源效率，推动当地环境保护以及资源的有效利用，促进再制造产业和低碳技术的发展。

法兰德斯大区下辖各省均与中国的相关省市建立了友好合作关系，有着多年的合作基础，重点开展经济领域的合作。《比中洁径》项目将中国的友好省（市）作为合作重点，包括成都市、重庆市、广东省、河北省、陕西省、苏州市和浙江省。 法兰德斯投资贸易局在北京、上海和广州有代表处。 这一合作网络为法兰德斯和中国的清洁技术产业搭建起一座独特的桥梁。

本目录仅简要介绍法兰德斯地区的清洁技术产业概况及相关行业企业。如想获取更多信息或与法兰德斯地区的清洁技术企业开展合作，欢迎直接联系相关企业或通过《比中洁径》项目的合作伙伴与他们取得联系。

联系方式

关于清洁技术在比利时法兰德斯大区的情况

清洁技术在各省的科研及产业创新实力

东弗兰德省

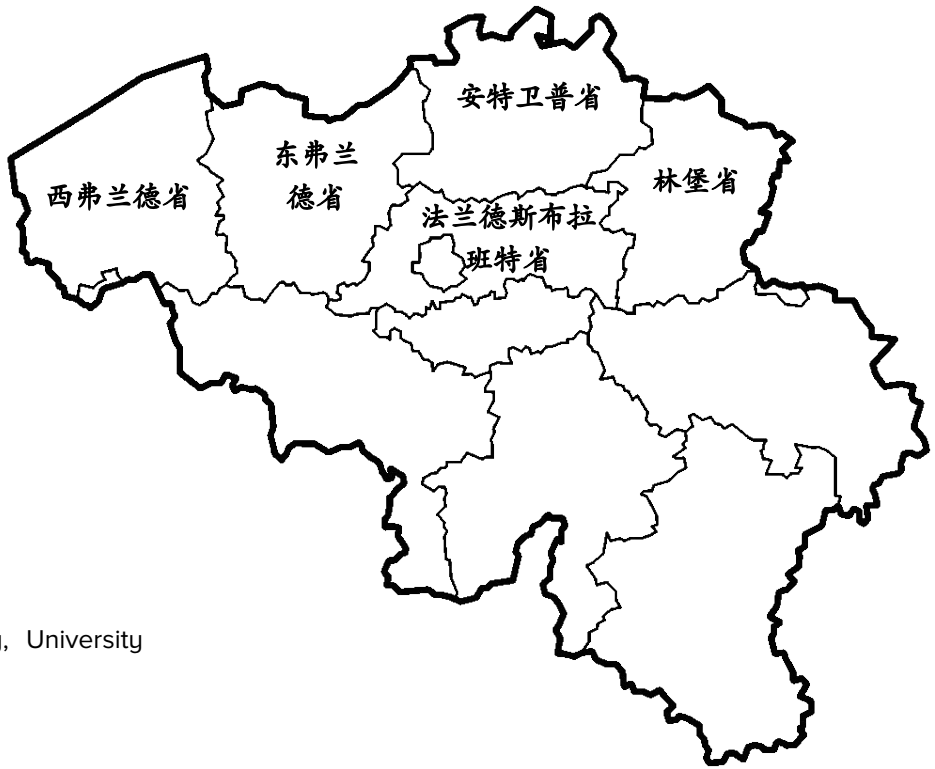
大学: Ghent University, KUL Technology campus
应用性大学: HoGent, Artevelde, Odisee,...
研究院: Clusta, Centexbel,
孵化器 加速器 : BBEU, Capture,...

法兰德斯布拉班特省

大学: KU Leuven, VUB
应用性大学: UCLL, LUCA
研究院: B-PHOT, LMRC, LICT, VIB, ...
孵化器: FFH Campus, Bio-Incubator, I&I, Creative Hub Vaartkom, ...

安特卫普省

大学: University Antwerpen, AMS
应用性大学: AP, KDG, Thomas More
研究院: VITO, SCK
孵化器: BlueChem, Darwin, Kamp C, LITC, House of Technology, University Antwerpen Science Park, BlueHealth



林堡省

大学: University Hasselt
应用性大学: PXL, UCLL
孵化器: Energyville, Greenville, Agropolis

西弗兰德省

大学: KU Leuven, Ghent University
应用性大学: VIVES, Howest
研究院: Demonstrator Physical Internet, Circular Materials Center, M&M Competence Center, Foodlab, VEG-i-TEC
孵化器: Bluebridge

关于清洁技术在比利时法兰德斯大区的情况

产业集群 – – 法兰德斯清洁技术协会

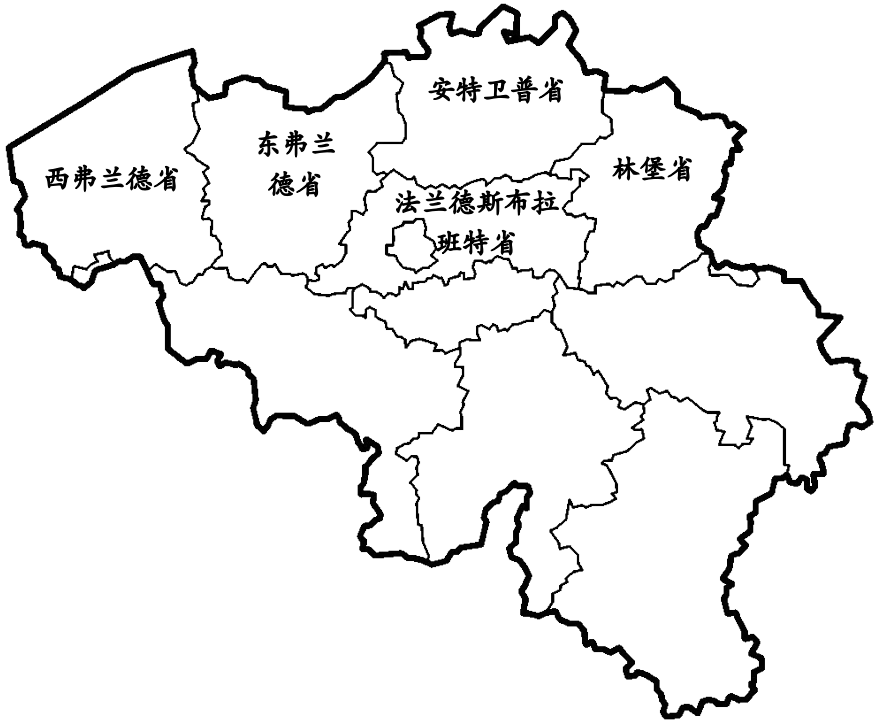
法兰德斯清洁技术协会(CleantechFlanders)在法兰德斯技术研究院(VITO)的支持下，与企业、研究机构、公共组织、社会团体进行合作，推动清洁技术在社会中的创新与应用。我们的使命是促进清洁技术的实际应用，加快向可持续发展世界转型。

核心清洁技术业务

我们的工作涉及到了清洁技术的各个领域，包括能源技术、材料技术、交通运输和水技术。

协会任务

法兰德斯清洁技术协会：通往佛兰芒清洁技术生态系统的门户。



Cleantech Flanders

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比中洁径
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Companies active in...

- Water
- Air
- Soil
- Waste & Circular Economy
- Sustainable agriculture
- Sustainable building
- Energy
- Mobility
- Multi domains

业务技术应用领域

- 水处理
- 环保建筑
- 空气治理
- 可再生能源
- 土壤修复
- 绿色交通
- 废弃物处理
  循环经济
- 跨领域
- 可持续农业

Companies active in water

水处理领域企业

Overview 一览

- Ad Rem
- Blue foot membranes
- Harsonic
- HydroScan
- iFLUX
- InOpSys
- NDV Ultrasonic Company BV
- NuReSys
- ROAM technology
- Waterleau Group

一览

Ad Rem N.V.

Water Industry, Waste/Circular economy

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General overview

Ad Rem specializes in the research, design, engineering and construction of equipment for the recycling, mineral and food-processing industries. By making it possible to separate and recycle waste from cars, electronics and household appliances, our technological innovation helps the world to recover more resources.

Main activities in cleantech

We provide turn-key separation plants for:

- Auto Shredder Residue (ASR)
- Waste of electrical and electronic equipment (WEEE)
- Incinerator bottom ash (IBA)

Chinese partner search

Ad Rem is looking for:

- Recycling companies active in processing ASR, WEEE or IBA
- Chinese partner for the sales and service of our solutions

简介

Ad Rem 公司专门从事用于资源回收产业、矿产业及食品加工行业等领域的专业设备的研发、设计、工程和建造。 通过使汽车、电子产品和家用电器的废物分离及回收成为可能，我们的技术创新可以帮助全世界回收更多的资源。

核心清洁技术

提供以下废弃物的统包分离设备:
自动粉碎机残留物
废旧电子电气设备
焚化炉底灰

合作伙伴需求

Ad Rem公司寻找的中国合作伙伴:
在自动粉碎机残留物、废旧电子电气设备及焚化炉底灰等废弃物处理领域活跃的资源回收型企业
有意成为Ad Rem公司销售商及服务商的合作伙伴

研发 **Research & development**

设计与工程 **Design & engineering**

原型设计和工业化 **Prototyping & industrialization**

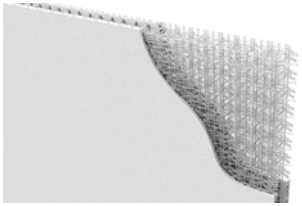
元件生产 **Component production**

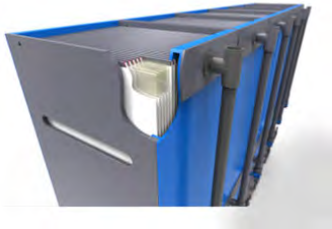
系统集成 **System integration**

销售与服务 **Sales & services**

Blue Foot Membranes

Water Industry





Type Company
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General overview

Blue Foot Membranes (BFM) produces and commercializes the world patented IPC® membranes. IPC® membranes are the world's first fully back pulsable PVDF flat sheet membranes. The IPC® membranes are incorporated in BFM's patented water filtration modules. Although the initial market for IPC® modules are waste water plants (Membrane BioReactor), IPC® technology can be used in different filtration applications as well.

IPC® modules installed in new and existing MBR's can:

- Improve fouling control
- Double the output capacity per m2
- Significantly lower total cost of ownership
- Allow for peak water management.

Main activities in cleantech

fully back pulsable PVDF flat sheet membranes & modules

Chinese partner search

Blue Foot Membranes is looking for customer and strategic partnerships to launch IPC® technology in China.

简介

Blue Foot Membranes (BFM) 公司对IPC® 膜技术进行生产及商业化运营。IPC® 膜是全世界首个能达到反冲洗效果的平板膜产品。 IPC® 膜与BFM专利的水过滤模块结合。虽然我们的产品主要针对于污水处理厂（膜生物反应器）应用， IPC® 还可在其他不同的过滤应用发挥其作用。因为产品可实现反冲洗效果，IPC® 模组件可以直接安装在新或现有生物反应器内:

- 提升膜污染控制力
- 每平米过滤流量效率可提升一倍
- 整体拥有成本可以显著下降
- 可实现到高峰用量管理

核心清洁技术

全反冲洗PVDF平板膜及膜组件

合作伙伴需求

我们希望可以找到中国客户及战略合作伙伴，共同在中国市场开发IPC® 技术

研发 **Research & development**

设计与工程 **Design & engineering**

原型设计和工业化 **Prototyping & industrialization**

元件生产 **Component production**

系统集成 **System integration**

销售与服务 **Sales & services**

Harsonic

Water Industry & sustainable agriculture

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General overview

Ultrasound destruction of **BIOFILM AND BACTERIA**
(in industry, agriculture, marine)

Main activities in cleantech

Ultrasound eradication of mineral deposits caused by bacteria in **boreholes** (waterwells) Avoid attachment of micro-organism such as Calcium in heat-exchangers, pipelines & tanks, coolingtowers, ship-hulls, ... **Avoid bacterial contamination** in waterlines and tanks for **livestock** which results in less antibiotics

Advantages:

- no bio-film: less deposits, less maintenance
- better water quality
- sustainable solution to reduce chemicals

Chinese partner search

Expand business in China

简介

使用高频超声波处理生物膜及细菌的污染，
可广泛应用于工业、农业及船舶业，
将化学药剂的使用降到最小。

核心清洁技术

用高频超声波对管道及输水设施内壁表面细菌与矿物质结合形成的水垢进行处理，有效避免微生物粘附在热交换器，管道、液体储存罐，冷却塔及船身表面等。
高频超声波技术能够有效避免家畜养殖用水管及液体罐箱的细菌污染

我们的优势：

- 避免生物膜形成：减少水垢形成、降低管道维修需求
- 明显改善水质
- 用可持续发展的方式减少化学药剂的使用

合作伙伴需求

愿意在中国使用这种技术拓展市场的合作伙伴

原型设计和工业化 **Prototyping & industrialization**

元件生产 **Component production**

系统集成 **System integration**

销售与服务 **Sales & services**

HydroScan
Energy & Mobility

Type Company
Website www.hydroscan.be
Contact Patrick Swartenbroekx
Mail patrick.swartenbroekx@hydroscan.be

General overview

World-leading expert in holistic, integrated solutions for sustainable water management. As water engineers we apply our expertise through advanced modelling in a unique combination with smart, cloud technology-driven real-time alert systems. Libovito is HydroScan's certified distributor in China

Main activities in cleantech

- **Smart water supply** – non-revenue water reduction with LeakRedux ®
- **Operational Flood management** – Real-time flooding prediction in urban areas with Flood4Cast ®
- **Urban drainage** – preventive sewer asset management with HidroView®
- **Integrated Water Management Services** – modelling, wateraudit, benchmarking, masterplanning, ..

Chinese partner search

Development Bureau of Housing and Urban-Rural, Water Affairs Dept. Flood Contingency and Control Dept. of the municipality government or related companies

简介

HydroScan是一家世界领先的专业公司，主要提供完成集成的可持续水管理方案。作为水工程师，HydroScan将先进的建模技术与云技术主导的智能实时警报系统结合起来，使我们的专业知识得到应用。北京立博威拓环境技术有限公司是HydroScan在中国的授权经销商。

核心清洁技术

智能水供应——利用LeakRedux ®减少无收益水
洪水管理——利用Flood4Cast ®进行城镇地区实时洪水预测
城镇排水——利用HidroView®进行下水道资产管理
集成水管理服务——建模、用水审计、标杆管理、整体规划等等

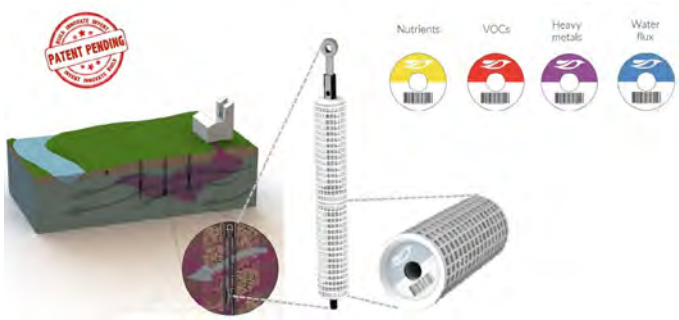
合作伙伴需求

各地住房与城乡建设局、水务局、洪水应急反应中心或相关公司

研发 Research & development	设计与工程 Design & engineering	原型设计和工业化 Prototyping & industrialization	元件生产 Component production	系统集成 System integration	销售与服务 Sales & services

iFLUX

Water & soil Industry



Type Technology company
Website www.ifluxsampling.com
Contact Tim Op 't Eyndt - CEO
Mail tim@ifluxsampling.com

General overview

continuously monitor and visualize groundwater quality and quantity over time & spatially" moet zijn "continuously monitoring and visualizing groundwater quality and quantity over time & space

Main activities in cleantech

- Groundwater management
- Water stress
- Efficiënt remediation

Chinese partner search

- Demonstration projects China
- Groundwater experts

简介

创新地表水监控(innovative groundwater monitoring)
从时间和空间两个维度持续监控地表水流量和质量，并将数据可视化。

核心清洁技术

- 地表水管理
- 水压力
- 高效修复

合作伙伴需求

寻找中国示范项目和地表水治理专业企业

原型设计和工业化
Prototyping & industrialization

研发
Research & development

InOpSys
Water Industry

Type company
Website www.inopsys.eu
Contact Steven De Laet, CEO
Mail steven.delaet@inopsys.eu

General overview
On-site treatment of chemical and pharmaceutical wastewaters

Main activities in cleantech
Development, construction and operation of flexible, modular mobile units for on-site wastewater treatment. Water purification and recovery of raw materials, circular economy.

Spezialized in the removal of API's, toxic organics and metals.

Chinese partner search
- Distribution
- Agent
- Joint Venture

简介
对化学和制药生产废水的现场处理

核心清洁技术
开发、建造和运营灵活、可模块化及移动式污水处理单元实现污水现场处理；水净化、原材料的回收利用；循环经济。
专注于API's，毒性有机物和物质的处理

合作伙伴需求
- 分销
- 代理
- 合资

研发 **Research & development**

设计与工程 **Design & engineering**

原型设计和工业化 **Prototyping & industrialization**

元件生产 **Component production**

系统集成 **System integration**

销售与服务 **Sales & services**

NDV Ultrasonic Company BV

Water Industry & sustainable agriculture

Type company
Website www.ndvultrasonic.com
Contact Nick De Vos
Mail nick@ndvultrasonic.com

General overview

We break down the Biofilm from water without using chemicals

Main activities in cleantech

Fighting Biofilm in water without chemicals, but with High Frequency Ultrasound. In a warm climate, pipes and installations can suffer from algae growth, lime scale and bacteria formation. NDV Ultrasonic Company BV offers solutions for all industries and private users, that keep installations completely clean: No bacterial colonies can occur, no lime plaque is present and no thread algae in the water.

With transducers on High Frequency Ultrasound, NDV Ultrasonic Company BV keeps tubes, coolers, ships, industry, ponds, swimming pools, etc. free of algae, lime and bacteria, and this without using chemicals. NDV has its own production hall in Belgium, including lab space.

Chinese partner search

Looking for regional dealers in different regions in China to distribute NDV Ultrasonic Company BV.

简介

NDV Ultrasonic Company BV 将生物膜从水中分解出来，这一过程没有用到任何化学药剂。

核心清洁技术

在不使用任何化学药剂的情况下，消灭水中的生物膜，我们使用的是高频超声技术。在温暖的气候里，管道和一些输水设施会受到水藻、水垢和细菌的侵蚀。

NDV Ultrasonic Company BV为各类产业和私人用户提供解决方案，使您的设备时刻保持清洁：没有细菌群落滋生，没有水垢没有水藻。

有了高频超声设备中变频器的帮助，NDV Ultrasonic Company BV能够使管道、饮水冷却器、船只、池塘、游泳池等远离水藻、水垢和细菌等等。整个过程都不用化学药剂。NDV在比利时拥有自己的生产车间，包括实验室空间

合作伙伴需求

在中国各地区寻找地区经销商，分销 NDV Ultrasonic Company BV产品。

研发 **Research & development**

设计与工程 **Design & engineering**

原型设计和工业化 **Prototyping & industrialization**

系统集成 **System integration**

销售与服务 **Sales & services**

NuReSys (Nutrient Recovery Systems)

Water Industry, Waste/Circular economy & Sustainable Agriculture

Type Company
Website www.nuresys.com
Contact Francois Decuypere
Mail fd@nuresys.com
WeChat +32 456148737

General overview

NuReSys is a technology leader in recovering nutrients like phosphorus and nitrogen from municipal and industrial wastewaters, with global commercial references.

The recovered nutrients are processed and reused in form of bio fertilizer (we call it 'Biostru'), thereby adding to circular economy. This Biostru acts as a great resource to improve crop yield, and agricultural productivity.

Main activities in cleantech

Nutrient Recovery from wastewater treatment plants (Digestate/Centrate/Hybrid configurations), Consultation in building new wastewater treatment plants, Supplier of related machinery, Sustainable fertilizer

Chinese partner search

Recently launched a pilot with a local Chinese company. Looking for contractors / subcontractors / partners involved in wastewater for Municipal, Industrial or Airport projects. Also, partners with experience in selling fertilizers.

简介

NuReSys公司是城市废水及工业废水中磷和氮等营养物质回收领域的技术领导者，并为全球提供商业参考标准。

从废水中回收的养分以生物肥料（我们称之为“Biostru”）的形式进行加工和再利用，从而进入到循环经济链中。Biostru 是提高作物产量和农业生产力的重要资源。

核心清洁技术

污水处理厂的养分回收（消化液/离心分离液/混合配置）、新建污水处理厂咨询服务、相关机械设备及可持续肥料供应

合作伙伴需求

近期与一家中国本土公司开展了试点项目。正在寻找城市废水、工业废水或机场废水处理领域的承包商/分包商/合作伙伴。 此外，也寻找有肥料销售经验的合作伙伴。

研发 **Research & development**

设计与工程 **Design & engineering**

原型设计和工业化 **Prototyping & industrialization**

元件生产 **Component production**

系统集成 **System integration**

销售与服务 **Sales & services**

ROAM technology

Water Industry & Argiculture

Type company
Website https://www.roamtechnology.com
Contact +32 (0)89/44.00.42
Mail info@roamtechnology.com

General overview

Roam Technology creates effective and sustainable disinfection solutions for various applications such as horticulture, livestock, healthcare, pharma & cosmetics, water, transport & travel, food & beverage, and household hygiene.

Main activities in cleantech

Huwa-San is a disinfectant based on hydrogen peroxide.
Hydrogen peroxide (H2O2) is a transparent, colourless and odourless disinfectant liquid which is mixable in any ratio with water. After reaction, it decomposes into water (H2O) and oxygen (O2). A stabilizer in the form of a small amount of silver is added. The silver is used to increase the stability of the hydrogen peroxide solution. Huwa-San is a one stop biocidal product that is effective against bacteria, fungi, yeast, spores, viruses and even mycobacteria. Therefore, our products can be used in many application fields to disinfect water, surfaces, tools and even big empty areas through vaporisation.

Chinese partner search

Distributors

简介

Roam Technology公司为园艺、畜牧业、医疗保健、制药和美妆、水、交通和旅游、食品和饮料以及家庭卫生等各种应用领域提供有效和具有可持续性的消毒方案。

核心清洁技术

Huwa-San 是一种以双氧水为基础配方的消毒剂。
过氧化氢 （H2O2）是一种透明、无色无味的消毒液体，可与水按任何比例混合。与水发生反应后，分解为水（H20)和氧（O2)。加入了少量的稳定剂银，以增加过氧化氢溶液的稳定性。Huwa-San是一种一站式杀菌产品，对细菌、真菌、酵母、孢子、病毒甚至是霉菌都有效。因此我们的产品可以应用在许多领域，通过汽化的方式对水、物体表面、工具甚至大面积空地进行消毒 。

合作伙伴需求

分销商

研发 Research & development

元件生产 Component Production

系统集成 System integration

销售与服务 Sales & services

Waterleau Group

Water, air, waste & energy Industry

Type private company
Website www.waterleau.com
Contact Jeroen De Lathouwer,
Director Business Development
Mail jeroen.delathouwer@waterleau.com

General overview

Waterleau is a global and leading water technology company that provides solutions for water, wastewater and the treatment of its by-products.

Main activities in cleantech

water treatment – wastewater treatment – renewable energy through anaerobic digestion (water / sludge / organic waste) – biogas treatment – turnkey solutions – engineered systems and tech packs to local partners – digital services

Chinese partner search

Looking for general contractors, in water and wastewater for municipal or industrial projects, who are interested to integrate Waterleau technologies as a tech pack in their total solution. Collaboration under license or partner agreement.

简介

Waterleau是一家国际化的水技术公司，处于世界领先地位，为水处理、污水处理和相关副产品处理提供方案。

核心清洁技术

水处理——污水处理——通过厌氧分解生产可再生能源（水/淤渣/有机废物）——生物气处理——整套解决方案——为本地客户提供工程师设计的系统和技术套餐——数字服务

合作伙伴需求

寻找市政项目或工业项目的水和污水处理项目总承包商，只要想将Waterleau技术纳入自己的整体方案中。通过公司授权或者伙伴协定的形式达成合作。

研发 **Research & development**

设计与工程 **Design & engineering**

原型设计和工业化 **Prototyping & industrialization**

元件生产 **Component production**

系统集成 **System integration**

销售与服务 **Sales & services**

Companies active in air

空气治理领域企业

Overview 一览

Bio Org

Waterleau Group

一览

Bio Org
Air Industry

Type Company
Website www.bioorg.eu
Contact Koen De Koster
Mail kdekoster@bioorg.eu

General overview

Bio Org is a manufacturer of unique globally patented products and methods that generate an impact on clients cleaning process, positive footprint, productivity of employees, quality of work, ergonomics, air quality (VOC's,PM,PAX, Allergenes,...) and the impact of your building or infrastructure on your living environment. The USPs of our products:

- Unique patented products with a mix of 11 selected positive b acteriaUnique patented and innovative cleaning method and process
- Cleaning without water, detergents or chemical products
- Positive impact on environment
- Greater efficiency at lower costs
- Healthier and greener building

Main activities in cleantech

Sustainable air treatment and cleaning product

Chinese partner search

Importers, Distributors, New business Development in Chinese markets, Cleaning and renovation companies and all companies that want to have positive impact on air quality, nature and environment.

简介

是一个全球专利产品的生产商，我们独一无二的产品可以改善客户的清洁模式，减少碳足迹，提高员工的生产力，提高工作环境质量，人体工学，及空气质量(VOC)挥发性有机化合物、PM悬浮颗粒、 PAX，过敏源…）对生活建筑或基础设施的影响

产品特长：

- 独一无二的专利产品，包括11种特别挑选的有益细菌
- 独一无二的专利创新清洁技术及程序
- 过程完全不需要水、清洁剂或化学产品
- 对环境的正面影响
- 最大程度的提高效率及降低成本
- 建筑环境更健康更环保

核心清洁技术

研发生产绿色环保的空气处理及清洁产品

合作伙伴需求

进口商、经销商、中国创新新业务开发商、清洁及创新公司、所有希望改善空气环境及自然环境的用户

研发 Research & development	设计与工程 Design & engineering	原型设计和工业化 Prototyping & industrialization	元件生产 Component production	系统集成 System integration	销售与服务 Sales & services

Waterleau Group

Water, air, waste & energy Industry

Type private company
Website www.waterleau.com
Contact Jeroen De Lathouwer, Director Business Development
Mail jeroen.delathouwer@waterleau.com

General overview

Waterleau is a global and leading water technology company that provides solutions for water, wastewater and the treatment of its by-products.

Main activities in cleantech

water treatment – wastewater treatment – renewable energy through anaerobic digestion (water / sludge / organic waste) – biogas treatment – turnkey solutions – engineered systems and tech packs to local partners – digital services

Chinese partner search

Looking for general contractors, in water and wastewater for municipal or industrial projects, who are interested to integrate Waterleau technologies as a tech pack in their total solution. Collaboration under license or partner agreement.

简介

Waterleau是一家国际化的水技术公司，处于世界领先地位，为水处理、污水处理和相关副产品处理提供方案。

核心清洁技术

水处理——污水处理——通过厌氧分解生产可再生能源（水/淤渣/有机废物）——生物气处理——整套解决方案——为本地客户提供工程师设计的系统和技术套餐——数字服务

合作伙伴需求

寻找市政项目或工业项目的水和污水处理项目总承包商，只要想将Waterleau技术纳入自己的整体方案中。通过公司授权或者伙伴协定的形式达成合作。

研发 **Research & development**

设计与工程 **Design & engineering**

原型设计和工业化 **Prototyping & industrialization**

元件生产 **Component production**

系统集成 **System integration**

销售与服务 **Sales & services**

Companies active in soil

土壤修复领域企业

Overview 一览

Bio2Clean

iFLUX

Injectis

一览

Bio2Clean

Soil Industry

Type company
Website www. bio2clean.be
Contact Dirk Dubin
Mail info@bio2clean.be

General overview

Bio2clean is a spin-off from Hasselt University and stands for the remediation of soil and groundwater in a qualitative, sustainable and environmentally friendly way. We offer a wide range of services: from feasibility studies to the complete realization of a soil remediation by means of (bacterial assisted) phytoremediation.
Phytoremediation has been in the spotlight for several years as an innovative, environmentally friendly, sustainable and low-cost remediation alternative to current remediation methods. Phytoremediation offers many advantages in terms of quality of the living environment, natural capital, biodiversity and ecosystem services.

Main activities in cleantech

Soil remediation

Chinese partner search

- Businesses with (organic) pollution in soil/groundwater
- Interested in Nature Based Remediation techniques

简介

Bio2clean 是比利时哈瑟尔特大学的衍生企业，用可持续发展及绿色环保的的方式对土壤修复和地下水修复。我司可提供可行性报告及全套通过（细菌）生物土壤修复的服务。
植物修复法作为创新、环保可持续发展及低成本的修复手段，这几年来已经成为热门话题。
植物修复法有非常多的优点，其中包括：美化生活环境、自然资源、生物多样性及生态系统服务

核心清洁技术

生物（细菌）土壤修复

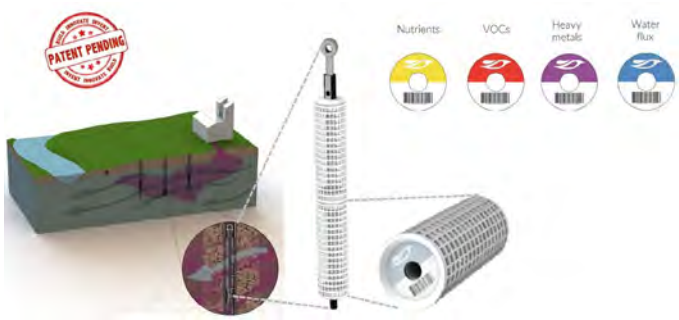
合作伙伴需求

- 使用生物修复法进行土壤或地下水处理的清洁技术企业
- 对天然修复技术感兴趣的清洁技术企业

研发 **Research & development** | 设计与工程 **Design & engineering** | 原型设计和工业化 **Prototyping & industrialization** | 元件生产 **Component production** | 系统集成 **System integration** | 销售与服务 **Sales & services**

iFlux

Water & soil Industry



Type Technology company
Website www.ifluxsampling.com
Contact Tim Op 't Eyndt - CEO
Mail tim@ifluxsampling.com

General overview

continuously monitor and visualize groundwater quality and quantity over time & spatially

Main activities in cleantech

- Groundwater management
- Water stress
- Efficiënt remediation

Chinese partner search

- Demonstration projects China
- Groundwater experts

简介

创新地表水监控(innovative groundwater monitoring)
从时间和空间两个维度持续监控地表水流量和质量，并将数据可视化。

核心清洁技术

- 地表水管理
- 水压力
- 高效修复

合作伙伴需求

寻找中国示范项目和地表水治理专业企业

原型设计和工业化
Prototyping & industrialization

研发
Research & development

Injectis
Soil Industry

Type company
Website www.injectis.com
Contact Dr. Ir. Jeroen Vandenbruwane
Mail info@injectis.com

General overview
Injectis is a young Belgian company specialized in in-situ soil remediation with injection based technologies.

Main activities in cleantech
Patented SPIN® injection technology

Chinese partner search
Chinese partner in the in situ soil remediation sector interested in puschasing a unique license for the SPIN® injection technology for the Chinese market

简介
Injectis是一家年轻的比利时公司 ，主要研究以灌注技术为基础的原位土壤修复技术。

核心清洁技
SPIN®专利注入技术

合作伙伴需求
需要购买适合中国市场的SPIN®注入技术使用许可的原位土壤修复公司

销售与服务
Sales & services

Companies active in Waste & Circular economy

废弃物处理 / 循环经济领域企业

Overview 一览

- Ad Rem
- Biolectric
- IPAS
- Keppel Seghers
- NuReSys
- Orbix
- OWS
- Waterleau Group

一览

Ad Rem N.V.

Water Industry, Waste/Circular economy

Type Company
Website www.adrecyclingmachines.com
Contact Jelle Saint-Germain
Mail jelle@adrecyclingmachines.com
WeChat wxid_b6igfa1j7s8b22

General overview

Ad Rem specializes in the research, design, engineering and construction of equipment for the recycling, mineral and food-processing industries. By making it possible to separate and recycle waste from cars, electronics and household appliances, our technological innovation helps the world to recover more resources.

Main activities in cleantech

We provide turn-key separation plants for:

- Auto Shredder Residue (ASR)
- Waste of electrical and electronic equipment (WEEE)
- Incinerator bottom ash (IBA)

Chinese partner search

Ad Rem is looking for:

- Recycling companies active in processing ASR, WEEE or IBA
- Chinese partner for the sales and service of our solutions

简介

Ad Rem 公司专门从事用于资源回收产业、矿产业及食品加工行业等领域的专业设备的研发、设计、工程和建造。 通过使汽车、电子产品和家用电器的废物分离及回收成为可能，我们的技术创新可以帮助全世界回收更多的资源。

核心清洁技术

提供以下废弃物的统包分离设备:
自动粉碎机残留物
废旧电子电气设备
焚化炉底灰

合作伙伴需求

Ad Rem公司寻找的中国合作伙伴:
在自动粉碎机残留物、废旧电子电气设备及焚化炉底灰等废弃物处理领域活跃的资源回收型企业
有意成为Ad Rem公司销售商及服务商的合作伙伴

研发 **Research & development**

设计与工程 **Design & engineering**

原型设计和工业化 **Prototyping & industrialization**

元件生产 **Component production**

系统集成 **System integration**

销售与服务 **Sales & services**

Biolectric

Waste & Circular economy en sustainable agriculture

Type company
Website www.biolectric.be
Contact Hans Degrande (Commercial Director)
Mail Hans.Degrande@biolectric.be

General overview

Biolectric is a young AgriTech scale-up that enables farmers to produce green energy on ~250 farms in 10+ countries

Main activities in cleantech

We are number 1 in Europe in developing and producing small-scale anaerobic digesters. These convert organic waste into green energy. This energy can be used both locally in the form of electricity and heat or put back on the grid. With each digester sold, we are taking the CO-2 equivalent of 200 cars out of circulation. With this cutting-edge technology, we are shaping the future of the Agro and Waste sector.

- Production of farm-scaled digesters for dairy cows and pigs
- Installation & service-after-sales

Chinese partner search

Biolectric is looking for a Chinese partner with experience in AgriTech or Energy to help with direct sales & service (after-sales)

简介

Biolectric是一家年轻的农业技术推广公司。全球10个国家中的250家农场z正在使用碧澳的解决方案生产绿色能源。

Biolectric在发展和生产小规模厌氧反应池方面位居欧洲第一。这些反应器能将有机废物转化为绿色能源。这些能源既可以以电力或热能的形式在当地得到利用，或者再次投入能源生产。每卖出一个反应池，就相当于减少200辆汽车产生的二氧化碳。利用这项尖端科技，Biolectric正在重塑农业领域和废物处理领域的未来。

核心清洁技术

- 建造农场规模的反应池，供奶牛养殖场和养猪场使用
- 安装和售后服务

合作伙伴需求

Biolectric正在寻找在农业科技或能源领域有经验的中国合作伙伴，帮助自己提升销售和服务（售后）

研发 **Research & development**

设计与工程 **Design & engineering**

原型设计和工业化 **Prototyping & industrialization**

元件生产 **Component production**

销售与服务 **Sales & services**

IPAS

Waste & Circular Economy

IPAS
urban mining - waste refining

Type company
Website www.ipas.world
Contact Paul Boutsen
Mail paul@ipas.world

General overview

IPAS is a worldwide experienced designer and builder of separating and refining installations for raw materials, coal and waste with the unique WET SEPARATION TECHNOLOGY

Main activities in cleantech

- Waste refinery soil washing / remediation / sanitation
- Coal sludge recovery
- Coal washing and refining

Chinese partner search

- In general: WASTE MANAGEMENT & VALORISATION
  Investment partners for DBFMO formula: Design, Build, Finance, Maintain and Operate
- Direct contacts to public authorities in WASTE MANAGEMENT

简介

IPAS公司在分类及炼提纯设施方面有丰富的设计及建设经验，这些设施可用于垃圾废物的分类、原材料精炼提纯及煤炭的提纯。

核心清洁技术业务 – 湿垃圾工业化分类技术

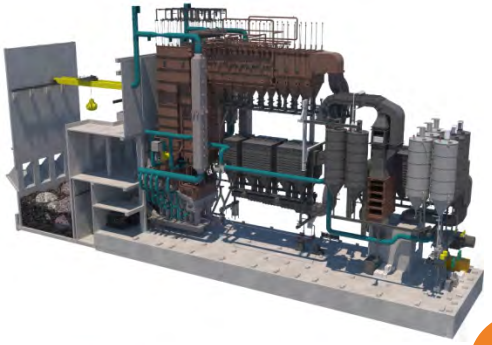
- 垃圾废物精炼提纯：生活混合湿垃圾的工业化分类技术，从而提取更多可循环利用的材料及使得现有垃圾焚烧炉效率提升
- 土壤淋洗/修复/去污
- 煤矿污泥及煤矸石修复
- 洗煤及提纯
- 飞灰无害化处理

合作伙伴需求

- 普遍意义上的：固废管理及增值
- 设计–建造–融资–运营（DBFMO）商类的投资伙伴
- 公共机构废固管理的的直接承包商

研发 Research & development | 设计与工程 Design & engineering | Prototyping & industrialization | 系统集成 System integration | 销售与服务 Sales & services

Keppel Seghers
Waste & Circular Economy



Keppel Seghers
Solutions for a Cleaner Future

Type company
Website www.keppelseghers.com
Contact Helen Han (Beijing)
Mail helen.han@keppelseghers.com

General overview
Delevering technology to convert municipal solid waste into energy

Main activities in cleantech
Keppel Seghers provides low cost access to world class WtE technology. This by delivering the highly critical components and by leveraging on the local supply chain for less critical components.

Chinese partner search
Looking for Chinese EPC contractors / investors looking to build a state of the art Waste to Energy plant

简介
提供技术，将城市固体废物转化成能源

核心清洁技术
Keppel Seghers提供低成本的世界级WtE技术
关键元件直接运输，次关键元件利用当地生产链直接生产

合作伙伴需求
寻找希望建造世界顶尖的废物能源转化工厂的中国EPC承包商/投资人

研发 Research & development | 设计与工程 Design & engineering | 原型设计和工业化 Prototyping & industrialization | 元件生产 Component production | 系统集成 System integration | 销售与服务 Sales & services

NuReSys (Nutrient Recovery Systems)

Water Industry, Waste/Circular economy & Sustainable Agriculture

Type Company
Website www.nuresys.com
Contact Francois Decuypere
Mail fd@nuresys.com
WeChat +32 456148737

General overview

NuReSys is a technology leader in recovering nutrients like phosphorus and nitrogen from municipal and industrial wastewaters, with global commercial references.

The recovered nutrients are processed and reused in form of bio fertilizer (we call it 'Biostru'), thereby adding to circular economy. This Biostru acts as a great resource to improve crop yield, and agricultural productivity.

Main activities in cleantech

Nutrient Recovery from wastewater treatment plants (Digestate/Centrate/Hybrid configurations), Consultation in building new wastewater treatment plants, Supplier of related machinery, Sustainable fertilizer

Chinese partner search

Recently launched a pilot with a local Chinese company. Looking for contractors / subcontractors / partners involved in wastewater for Municipal, Industrial or Airport projects. Also, partners with experience in selling fertilizers.

简介

NuReSys公司是城市废水及工业废水中磷和氮等营养物质回收领域的技术领导者，并为全球提供商业参考标准。

从废水中回收的养分以生物肥料（我们称之为“Biostru”）的形式进行加工和再利用，从而进入到循环经济链中。Biostru 是提高作物产量和农业生产力的重要资源。

核心清洁技术

污水处理厂的养分回收（消化液/离心分离液/混合配置）、新建污水处理厂咨询服务、相关机械设备及可持续肥料供应

合作伙伴需求

近期与一家中国本土公司开展了试点项目。正在寻找城市废水、工业废水或机场废水处理领域的承包商/分包商/合作伙伴。 此外，也寻找有肥料销售经验的合作伙伴。

研发 **Research & development**

设计与工程 **Design & engineering**

原型设计和工业化 **Prototyping & industrialization**

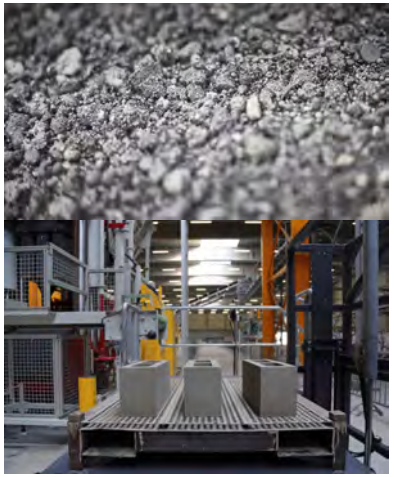
元件生产 **Component production**

系统集成 **System integration**

销售与服务 **Sales & services**

Orbix

Waste & building Industry



Type company
Website www.orbix.be/en
Contact dept. sales and business development
Mail info@orbix.be

General overview

Orbix treats and valorises slags from stainless steel industry in Belgium for a circular economy and sustainability. Orbix has developed an innovative Carbstone technology that uses CO2 and slags to make building products with a CO2 negative footprint

Our advantage:

- Technology for slag treatment and metal recovery.
- Carbstone technology for building products with CO2 and slags:
    - Same quality as cement bounded products in the same applications
    - Lower production cost than cement bounded products
    - Implementation in an existing production plant
    - CO2 negative footprint
    - Use of second raw material (waste stream)
    - No need for cement anymore

Main activities in cleantech

- Waste to Materials

Chinese partner search

- Steel company
- Building construction company
- Waste energy plant

简介

Orbix公司对钢铁工业产生的固体钢渣进行处理，以实现循环经济及可持续发展。Orbix开发了一种创新的Carbstone碳化砖技术，将二氧化碳与钢渣为原料生产建材。生产过程可以消耗大量二氧化碳，从而实现碳足迹负增长。

该公司的优势：

- 既能处理钢渣，同时回收残余有价金属
- 碳化砖技术可以通过消耗二氧化碳生产建材
    - 碳化砖系列产品的应用范围与水泥建材的一样
    - 比水泥类建材的生产成本更低
    - 实现碳足迹负增长
    - 原材料实现二次使用（固废流向）
    - 完全不需要任何水泥作为原材料

核心清洁技术

- 变废为宝的生产工艺，使中密度纤维板变成用途广泛的高效活性炭。
- 生产过程还可产生额外的可再生电力

合作伙伴需求

- 废料收集商或废料产生较多的工厂
- 新建的活性炭生产厂
- 高效活性炭用户或经销商

研发 **Research & development** | 设计与工程 **Design & engineering** | 原型设计和工业化 **Prototyping & industrialization** | 元件生产 **Component production** | 系统集成 **System integration** | 销售与服务 **Sales & services**

OWS

Waste & Circular Economy & Energy

Type company
Website www.ows.be
Contact Bruno Mattheeuws
Mail bm@ows.be

General overview

Organic Waste Systems (OWS) is a world leading company in the construction and operation of anaerobic digestion plants, in the biodegradability and compostability testing of different types of materials, and in waste management consultancy.

Main activities in cleantech

Construction of biogas plants for household waste organics & other (semi-) dry feedstocks

Chinese partner search

OWS is looking for projects/clients in China (municipalities, waste treatment companies, etc.)

简介

OWS是一家世界一流的公司，在以下方面处于世界领先地位：厌氧分解厂的建造与运营、各类材料的生物降解性和可燃性测试和废物管理咨询。

核心清洁技术

建造生物气工厂，处理厨余有机垃圾和其它（半干）废料

合作伙伴需求

该公司正在寻找中国项目/客户（市政当局、垃圾处理公司等等）。

研发 **Research & development**

设计与工程 **Design & engineering**

原型设计和工业化 **Prototyping & industrialization**

元件生产 **Component production**

系统集成 **System integration**

销售与服务 **Sales & services**

Waterleau Group

Water, air, Waste & Circular Economy & energy Industry

Type private company
Website www.waterleau.com
Contact Jeroen De Lathouwer,
Director Business Development
Mail jeroen.delathouwer@waterleau.com

General overview

Waterleau is a global and leading water technology company that provides solutions for water, wastewater and the treatment of its by-products.

Main activities in cleantech

water treatment – wastewater treatment – renewable energy through anaerobic digestion (water / sludge / organic waste) – biogas treatment – turnkey solutions – engineered systems and tech packs to local partners – digital services

Chinese partner search

Looking for general contractors, in water and wastewater for municipal or industrial projects, who are interested to integrate Waterleau technologies as a tech pack in their total solution. Collaboration under license or partner agreement.

简介

Waterleau是一家国际化的水技术公司，处于世界领先地位，为水处理、污水处理和相关副产品处理提供方案。

核心清洁技术

水处理——污水处理——通过厌氧分解生产可再生能源（水/淤渣/有机废物）——生物气处理——整套解决方案——为本地客户提供工程师设计的系统和技术套餐——数字服务

合作伙伴需求

寻找市政项目或工业项目的水和污水处理项目总承包商，只要想将Waterleau技术纳入自己的整体方案中。通过公司授权或者伙伴协定的形式达成合作。

研发 **Research & development**

设计与工程 **Design & engineering**

原型设计和工业化 **Prototyping & industrialization**

元件生产 **Component production**

系统集成 **System integration**

销售与服务 **Sales & services**

Companies active in sustainable Agriculture

可持续农业领域企业

Overview 一览

- Biolectric
- NuReSys
- Harsonic
- ROAM technology
- NDV Ultrasonic Company BV
- Urban Crop Solutions

一览

Biolectric

Energy Industry & Sustainable agriculture

Type company
Website www.biolectric.be
Contact Hans Degrande (Commercial Director)
Mail Hans.Degrande@biolectric.be

General overview

Biolectric is a young AgriTech scale-up that enables farmers to produce green energy on ~250 farms in 10+ countries

Main activities in cleantech

We are number 1 in Europe in developing and producing small-scale anaerobic digesters. These convert organic waste into green energy. This energy can be used both locally in the form of electricity and heat or put back on the grid. With each digester sold, we are taking the CO-2 equivalent of 200 cars out of circulation. With this cutting-edge technology, we are shaping the future of the Agro and Waste sector.

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核心清洁技术

- 建造农场规模的反应池，供奶牛养殖场和养猪场使用
- 安装和售后服务

合作伙伴需求

Biolectric正在寻找在农业科技或能源领域有经验的中国合作伙伴，帮助自己提升销售和服务（售后）

研发 **Research & development**

设计与工程 **Design & engineering**

原型设计和工业化 **Prototyping & industrialization**

元件生产 **Component production**

销售与服务 **Sales & services**

Harsonic

Water Industry & sustainable agriculture

Type company
Website www.harsonic.com
Contact Mieke Harteel, Wang Chiang Jiang
Mail info@harsonic.com

General overview

Ultrasound destruction of **BIOFILM AND BACTERIA**
(in industry, agriculture, marine)

Main activities in cleantech

Ultrasound eradication of mineral deposits caused by bacteria in **boreholes** (waterwells) Avoid attachment of micro-organism such as Calcium in heat-exchangers, pipelines & tanks, coolingtowers, ship-hulls, ... **Avoid bacterial contamination** in waterlines and tanks for **livestock** which results in less antibiotics

Advantages:

- no bio-film: less deposits, less maintenance
- better water quality
- sustainable solution to reduce chemicals

Chinese partner search

Expand business in China

简介

使用高频超声波处理生物膜及细菌的污染，
可广泛应用于工业、农业及船舶业，
将化学药剂的使用降到最小。

核心清洁技术

用高频超声波对管道及输水设施内壁表面细菌与矿物质结合形成的水垢进行处理，有效避免微生物粘附在热交换器，管道、液体储存罐，冷却塔及船身表面等。
高频超声波技术能够有效避免家畜养殖用水管及液体罐箱的细菌污染
我们的优势：

- 避免生物膜形成：减少水垢形成、降低管道维修需求
- 明显改善水质
- 用可持续发展的方式减少化学药剂的使用

合作伙伴需求

愿意在中国使用这种技术拓展市场的合作伙伴

原型设计和工业化 **Prototyping & industrialization**

元件生产 **Component production**

系统集成 **System integration**

销售与服务 **Sales & services**

NDV Ultrasonic Company BV

Water Industry & sustainable agriculture

Type company
Website www.ndvultrasonic.com
Contact Nick De Vos
Mail nick@ndvultrasonic.com

General overview

We break down the Biofilm from water without using chemicals

Main activities in cleantech

Fighting Biofilm in water without chemicals, but with High Frequency Ultrasound. In a warm climate, pipes and installations can suffer from algae growth, lime scale and bacteria formation. NDV Ultrasonic Company BV offers solutions for all industries and private users, that keep installations completely clean: No bacterial colonies can occur, no lime plaque is present and no thread algae in the water.

With transducers on High Frequency Ultrasound, NDV Ultrasonic Company BV keeps tubes, coolers, ships, industry, ponds, swimming pools, etc. free of algae, lime and bacteria, and this without using chemicals. NDV has its own production hall in Belgium, including lab space.

Chinese partner search

Looking for regional dealers in different regions in China to distribute NDV Ultrasonic Company BV.

简介

NDV Ultrasonic Company BV 将生物膜从水中分解出来，这一过程没有用到任何化学药剂。

核心清洁技术

在不使用任何化学药剂的情况下，消灭水中的生物膜，我们使用的是高频超声技术。在温暖的气候里，管道和一些输水设施会受到水藻、水垢和细菌的侵蚀。

NDV Ultrasonic Company BV为各类产业和私人用户提供解决方案，使您的设备时刻保持清洁：没有细菌群落滋生，没有水垢没有水藻。

有了高频超声设备中变频器的帮助，NDV Ultrasonic Company BV能够使管道、饮水冷却器、船只、池塘、游泳池等远离水藻、水垢和细菌等等。整个过程都不用化学药剂。NDV在比利时拥有自己的生产车间，包括实验室空间

合作伙伴需求

在中国各地区寻找地区经销商，分销 NDV Ultrasonic Company BV产品。

研发 **Research & development**

设计与工程 **Design & engineering**

原型设计和工业化 **Prototyping & industrialization**

系统集成 **System integration**

销售与服务 **Sales & services**

NuReSys (Nutrient Recovery Systems)

Water Industry, Waste/Circular economy & Sustainable Agriculture

Type Company
Website www.nuresys.com
Contact Francois Decuypere
Mail fd@nuresys.com
WeChat +32 456148737

General overview

NuReSys is a technology leader in recovering nutrients like phosphorus and nitrogen from municipal and industrial wastewaters, with global commercial references.

The recovered nutrients are processed and reused in form of bio fertilizer (we call it 'Biostru'), thereby adding to circular economy. This Biostru acts as a great resource to improve crop yield, and agricultural productivity.

Main activities in cleantech

Nutrient Recovery from wastewater treatment plants (Digestate/Centrate/Hybrid configurations), Consultation in building new wastewater treatment plants, Supplier of related machinery, Sustainable fertilizer

Chinese partner search

Recently launched a pilot with a local Chinese company. Looking for contractors / subcontractors / partners involved in wastewater for Municipal, Industrial or Airport projects. Also, partners with experience in selling fertilizers.

简介

NuReSys公司是城市废水及工业废水中磷和氮等营养物质回收领域的技术领导者，并为全球提供商业参考标准。

从废水中回收的养分以生物肥料（我们称之为“Biostru”）的形式进行加工和再利用，从而进入到循环经济链中。Biostru 是提高作物产量和农业生产力的重要资源。

核心清洁技术

污水处理厂的养分回收（消化液/离心分离液/混合配置）、新建污水处理厂咨询服务、相关机械设备及可持续肥料供应

合作伙伴需求

近期与一家中国本土公司开展了试点项目。正在寻找城市废水、工业废水或机场废水处理领域的承包商/分包商/合作伙伴。 此外，也寻找有肥料销售经验的合作伙伴。

研发 **Research & development** | 设计与工程 **Design & engineering** | 原型设计和工业化 **Prototyping & industrialization** | 元件生产 **Component production** | 系统集成 **System integration** | 销售与服务 **Sales & services**

ROAM technology

Water Industry & Sustainable agriculture

Type company
Website https://www.roamtechnology.com
Contact +32 (0)89/44.00.42
Mail info@roamtechnology.com

General overview

Roam Technology creates effective and sustainable disinfection solutions for various applications such as horticulture, livestock, healthcare, pharma & cosmetics, water, transport & travel, food & beverage, and household hygiene.

Main activities in cleantech

Huwa-San is a disinfectant based on hydrogen peroxide.
Hydrogen peroxide (H2O2) is a transparent, colourless and odourless disinfectant liquid which is mixable in any ratio with water. After reaction, it decomposes into water (H2O) and oxygen (O2). A stabilizer in the form of a small amount of silver is added. The silver is used to increase the stability of the hydrogen peroxide solution. Huwa-San is a one stop biocidal product that is effective against bacteria, fungi, yeast, spores, viruses and even mycobacteria. Therefore, our products can be used in many application fields to disinfect water, surfaces, tools and even big empty areas through vaporisation.

Chinese partner search

Distributors

简介

Roam Technology公司为园艺、畜牧业、医疗保健、制药和美妆、水、交通和旅游、食品和饮料以及家庭卫生等各种应用领域提供有效和具有可持续性的消毒方案。

核心清洁技术

Huwa-San 是一种以双氧水为基础配方的消毒剂。
过氧化氢 （H2O2）是一种透明、无色无味的消毒液体，可与水按任何比例混合。与水发生反应后，分解为水（H20)和氧（O2)。加入了少量的稳定剂银，以增加过氧化氢溶液的稳定性。Huwa-San是一种一站式杀菌产品，对细菌、真菌、酵母、孢子、病毒甚至是霉菌都有效。因此我们的产品可以应用在许多领域，通过汽化的方式对水、物体表面、工具甚至大面积空地进行消毒 。

合作伙伴需求

分销商 。

研发 **Research & development**

元件生产 **Component Production**

系统集成 **System integration**

销售与服务 **Sales & services**

Urban Crop Solutions

Sustainable agriculture

URBAN CROP SOLUTIONS

Type company
Website www.urbancropsolutions.com
Contact Filip Meeuws
Mail fime@urbancropsolutions.com

General overview

Urban Crop Solutions is a frontrunner in indoor plant biology research and offers end-to-end solutions in the emerging vertical farming industry. We engineer, procure, and install PlantFactories and Container Farms. After commissioning, we offer full technical and biological services to ensure a grower can operate the vertical farm with ease.

Main activities in cleantech

- The best grow infrastructure that produces the healthiest and most cost-efficient leafy greens whenever and wherever you want
- Our engineers and manufactures install fully automated and integrated indoor farming systems using our LED lights that are efficient and effective under any given climate conditions.
- We have developed 200+ plant growth recipes and we offer consumables (seeds, substrates, nutrients) to produce your own crops in no time.
- Urban Crop Solutions brings added value in different industries (plant production, retail, restaurants & Food service, , Nurseries & Floriculture, ...)

Chinese partner search

Distribution partner and commerical representation

简介

Urban Crop Solutions 是室内植物学研究的先驱，为新兴垂直农业行业提供端对端的解决方案。我们设计、采购、安装植物工厂和集装箱农场体系。调试之后，我们提供全方面的技术和生物服务，确保种植者能够轻松简单地运营垂直农场。

核心清洁技术

最好的种植基础设施，可以随时随地生产出最健康和最具成本效益的绿叶蔬菜。

我们的工程师和制造商安装配有本公司LED灯的全自动、一体化室内种植系统，这些系统在任何特定的气候条件下都是有效、高效的。

我们开发了200多种植物生长配方，并提供并提供种子、基质、营养物质等消耗品，让您可以在短时间内生产出自己的农产品 。

本公司为不同的行业创造附加值，包括植物种植、零售、餐饮和食品服务、苗圃和花卉栽培等 。

合作伙伴需求

分销商和商业代表 。

研发 **Research & development**

设计与工程 **Design & engineering**

原型设计和工业化 **Prototyping & industrialization**

系统集成 **System integration**

销售与服务 **Sales & services**

Companies active in sustainable building

环保建筑领域企业

Overview 一览

- AWG
- Orbix
- Facadeclick
- Real to Desk
- Jaga

一览

awg architecten

Sustainable building

awg architecten

Type company
Website www.awg.be
Contact Tim Van Bogaert
Mail tim.van.bogaert@awg.be

General overview

Awg architecten is a leading architecture and urban design company from Belgium since 1972, active in China since 2014.
In China, we have already worked for several governments and private and state owned clients. Awg is especially accomplished in sensitive and complex urban situations with often conflicting requirements; like old versus new, density versus livability, urban versus green, etc. We achieve this with integrated design from urban design and master planning to architecture.

In China, the focus in developments is shifting more and more towards sustainability, urban quality and livability of the cities. Awg's expertise combines decades of experience in these fields in Europe, combined with a good understanding of the Chinese context

Main activities in cleantech

Integrated implementation and optimization of cleantech in master planning and architecture

Chinese partner search

Our natural partners are local governments (urban planning departments), developers (private or state-owned), and Local Design Institutes

简介

自1972年以来，AWG建筑设计公司（Awg architecten）一直是比利时建筑和城市设计领域的领军企业。自2014年以来活跃于中国市场。公司曾为多家中国政府、私人企业和国有企业服务。很多城市设计十分敏感、复杂，并且包含多种矛盾要求，比如，新旧交融、建筑密度与宜居性兼容、城镇和绿色共存等等，AWG在这方面颇有成就。为克服难题，我们采用从城镇设计、整体规划到建筑设计的总体设计。
中国发展的重心越来越向可持续发展、城市质量和宜居城市转移。AWG可将自己的专业知识和在欧洲几十年的从业经验与对中国市场的了解结合起来。

核心清洁技术

清洁技术在总体规划和建筑领域的整体实施和优化。

合作伙伴需求

当地政府（城市规划部门）、开发商（私企或国营企业）、当地设计院都可以成为我们最佳的合作伙伴。

设计与工程
Design & engineering

系统集成
System integration

销售与服务
Sales & services

Facadeclick

Sustainable building

Type knowledge/ Patent
Website www.Facadeclick.be
Contact Patrick Vandenbempt
Mail Patrick@snelbouwsysteem.be

General overview

Speed building system has developed a patented technique to connect building blocks without mortar or glue to each other.
This technology was developed with a view to building faster and cheaper. This is due to its simplicity, but it is also completely weather-independent.

In addition, we developed our products so that it is fully circular. The materials can be dismantled and reused. Therefore these do not have to be waste after a lifecycle.

Main activities in cleantech

- development circular building system
- development Co2 nuetral or negative building blocks

Chinese partner search

Franchisee china(production in house or can be outsourced)

简介

Speed building system已经研发出一种专利技术，能够在不使用钢筋水泥的情况下将建筑材料连接起来。
这项技术研发的初衷是提高建造的速度，降低成本。能做到这一点最重要的原因就是其简单性，但也很受天气条件的限制。
另外，我们的产品都是可以循环利用的，材料可以拆解开来，重新利用。因此，产品在使用寿命结束以后不会成为废物。

核心清洁技术

发展循环建造系统
发展碳中和建材或负排放建材

合作伙伴需求

中国加盟商（可以自己生产也可以外包）

研发 **Research & development** | 设计与工程 **Design & engineering** | 原型设计和工业化 **Prototyping & industrialization** | 元件生产 **Component production** | 系统集成 **System integration** | 销售与服务 **Sales & services**

JAGA CHINA

Sustainable building & Energy

Type company
Website www.jagachina.com
Contact Nico vanherle
Mail nico@jagachina.com

General overview

We at Jaga China develop unique, high-quality heating, cooling, ventilation and smart home solutions for modern living. Jaga China advocates the change in the peoples' mindset towards the energy consumption. We hope that with our energy-efficient products we can inspire more people in changing their mentality regarding the environment. Even though Jaga is new to China, we already collaborate with some big names in the hotel industry, such as Moganshan Naked resort, Suzhou Naked resort and Nantong Riverside Intercontinental hotel. Furthermore, Jaga spread its business to Beijing, Chengdu, Wuhan, Nanjing, Hangzhou, and it expects further business expansion in the future. Today, Jaga is also very proud of its factory team that is constantly expanding. We take pride in our craftsmanship, service and design, we care for our employees and suppliers, and we also work hard to protect our planet. We believe that good design is only good if it is not harmful to the environment we live in! "less is more", less pollution for a better world!

Main activities in cleantech

heatpump technology and smart home

Chinese partner search

construction companies

简介

雅凯中国为现代生活开发独特、高品质的供暖、制冷、通风和智能家居解决方案。

雅凯中国倡导人们改变对能源消耗的观念。我们希望公司生产的节能产品能鼓舞更多的人改变对环境的看法。

虽然雅凯刚进入中国市场，但其实我们已经与一些知名酒店开展了合作，如莫干山裸心谷度假村、苏州裸心谷度假村和南通滨江洲际酒店。此外，雅凯还将业务扩展到北京、成都、武汉、南京和杭州，预计未来还会有进一步的业务拓展。如今，雅凯也为自身不断扩充的工厂团队感到无比自豪。

我们以自己的工艺、服务与设计为荣，我们关心员工与供应商，也努力保护我们所居住的地球。我们坚信只有不对环境造成污染的设计才是优秀的设计！

"少即是多"，减少污染，创造更美好的世界！

核心清洁技术

热泵技术和智能家居

合作伙伴需求

建造工程公司

研发 **Research & development**

设计与工程 **Design & engineering**

原型设计和工业化 **Prototyping & industrialization**

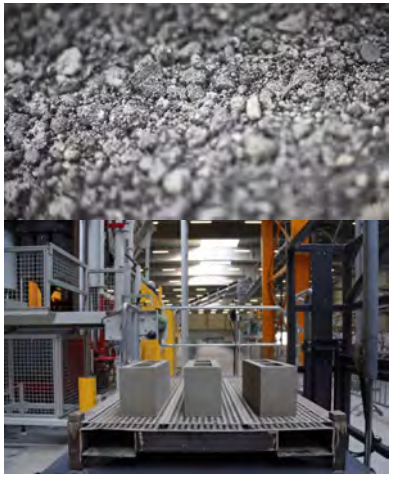
元件生产 **Component production**

系统集成 **System integration**

销售与服务 **Sales & services**

Orbix

Waste & Circulare economy & sustainable building



Type company
Website www.orbix.be/en
Contact dept. sales and business development
Mail info@orbix.be

General overview

Orbix treats and valorises slags from stainless steel industry in Belgium for a circular economy and sustainability. Orbix has developed an innovative Carbstone technology that uses CO2 and slags to make building products with a CO2 negative footprint

Our advantage:

- Technology for slag treatment and metal recovery.
- Carbstone technology for building products with CO2 and slags:
    - Same quality as cement bounded products in the same applications
    - Lower production cost than cement bounded products
    - Implementation in an existing production plant
    - CO2 negative footprint
    - Use of second raw material (waste stream)
    - No need for cement anymore

Main activities in cleantech

- Waste to Materials

Chinese partner search

- Steel company
- Building construction company
- Waste energy plant

简介

Orbix公司对钢铁工业产生的固体钢渣进行处理，以实现循环经济及可持续发展。Orbix开发了一种创新的Carbtone碳化砖技术，将二氧化碳与钢渣为原料生产建材。生产过程可以消耗大量二氧化碳，从而实现碳足迹负增长。

该公司的优势：

- 既能处理钢渣，同时回收残余有价金属
- 碳化砖技术可以通过消耗二氧化碳生产建材
    - 碳化砖系列产品的应用范围与水泥建材的一样
    - 比水泥类建材的生产成本更低
    - 实现碳足迹负增长
    - 原材料实现二次使用（固废流向）
    - 完全不需要任何水泥作为原材料

核心清洁技术

- 变废为宝的生产工艺，使中密度纤维板变成用途广泛的高效活性炭。
- 生产过程还可产生额外的可再生电力

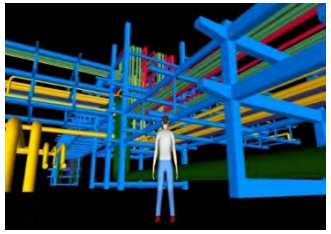
合作伙伴需求

- 废料收集商或废料产生较多的工厂
- 新建的活性炭生产厂
- 高效活性炭用户或经销商

研发 **Research & development** | 设计与工程 **Design & engineering** | 原型设计和工业化 **Prototyping & industrialization** | 元件生产 **Component production** | 系统集成 **System integration** | 销售与服务 **Sales & services**

Real to Desk

Energy & building Industry



Type Technical service provider
Website www.realtodesk.com
www.globeshanghai.com
Contact Steven Couwels
Mail steven.couwels@realtodesk.com

General overview

As-built documentation and reality capture to improve efficiency in energy production and reduce emissions

Main activities in cleantech

3D laser scanning and reality capture for scrubber and ballast water treatment feasibility on vessels, efficiency improvement of steam-gas turbines of power plants

Chinese partner search

Dis and EPCMs looking for partners to document existing industrial and marine assets for engineering for improving efficiency and reducing emissions

简介

利用内置文档和现实捕捉提高能源生产效率并减少排放。

核心清洁技术

为洗涤塔和船舶压舱水处理可行性提供3D激光扫描和现实捕捉，提高供电站燃气–蒸汽轮机的效率

合作伙伴需求

寻找中国合作伙伴

研发 **Research & development**

设计与工程 **Design & engineering**

原型设计和工业化 **Prototyping & industrialization**

元件生产 **Component production**

系统集成 **System integration**

销售与服务 **Sales & services**

Companies active in Energy

可再生能源领域企业

Overview 一览

- AMS
- Biolectric
- Borit
- ENERGYVISION
- Hydrogenics
- Jaga
- OWS
- Real to Desk
- Turbulent
- VYNCKE NV
- Waterleau Group

一览

AMS

Energy & mobility Industry

Type company
Website www.ams-innovation.com
WeChat +32 475 286 682
Contact Johan Potargent
Mail johan.potargent@amsbelgium.com

General overview

AMS is a young, International and dynamic full service supplier in automation projects with several divisions worldwide. Being specialized in ROBOTICS, PLC and OFFLINE programming. The specialized in robotic molding applications can be applied for green mobility and clean production, for example hydrogen tank type 5. A new polymer transformation technology, ideal for producing lightweight parts for mobility.

Main activities in cleantech

Specialized in robotic moulding applications for green mobility solution and cleaner production.

Chinese partner search

- Automotive manufactures for Full-Cell vehicles
- Hydrogen tank producers

简介

AMS是一家年轻、国际化及充满活力的自动化项目全套服务供应商，该公司业务遍布全球。公司致力于机器人编程，PCL控制软件及脱机程序。该司特殊的机械手注塑成形技术，可应用于氢燃料电池车及清洁生产，例如生产第五代储氢缸。树脂类产品生产技术可以得到更新换代，从而为汽车行业提供超轻的部件产品。

核心清洁技术

特有的机械手注塑成型技术，用于氢燃料电池车及清洁生产。

合作伙伴需求

- 生产研发氢燃料汽车的厂家
- 储氢缸的生产厂家

研发 **Research & development**

设计与工程 **Design & engineering**

原型设计和工业化 **Prototyping & industrialization**

元件生产 **Component production**

系统集成 **System integration**

销售与服务 **Sales & services**

Biolectric

Waste & Circular economy & sustainable agriculture

Type company
Website www.biolectric.be
Contact Hans Degrande (Commercial Director)
Mail Hans.Degrande@biolectric.be

General overview

Biolectric is a young AgriTech scale-up that enables farmers to produce green energy on ~250 farms in 10+ countries

Main activities in cleantech

We are number 1 in Europe in developing and producing small-scale anaerobic digesters. These convert organic waste into green energy. This energy can be used both locally in the form of electricity and heat or put back on the grid. With each digester sold, we are taking the CO-2 equivalent of 200 cars out of circulation. With this cutting-edge technology, we are shaping the future of the Agro and Waste sector.

- Production of farm-scaled digesters for dairy cows and pigs
- Installation & service-after-sales

Chinese partner search

Biolectric is looking for a Chinese partner with experience in AgriTech or Energy to help with direct sales & service (after-sales)

简介

Biolectric是一家年轻的农业技术推广公司。全球10个国家中的250家农场z正在使用碧澳的解决方案生产绿色能源。

Biolectric在发展和生产小规模厌氧反应池方面位居欧洲第一。这些反应器能将有机废物转化为绿色能源。这些能源既可以以电力或热能的形式在当地得到利用，或者再次投入能源生产。每卖出一个反应池，就相当于减少200辆汽车产生的二氧化碳。利用这项尖端科技，Biolectric正在重塑农业领域和废物处理领域的未来。

核心清洁技术

- 建造农场规模的反应池，供奶牛养殖场和养猪场使用
- 安装和售后服务

合作伙伴需求

Biolectric正在寻找在农业科技或能源领域有经验的中国合作伙伴，帮助自己提升销售和服务（售后）

研发 **Research & development**

设计与工程 **Design & engineering**

原型设计和工业化 **Prototyping & industrialization**

元件生产 **Component production**

销售与服务 **Sales & services**

Borit

Energy Industry

Type company
Website www.borit.be
Contact Gert Nelissen
Mail gert.nelissen@borit.be

General overview

The company contributes to the Clean Energy Economy by developing a leading and efficient production infrastructure of thin metal bipolar plate assemblies for fuel cells and electrolyzers and providing excellence in metal forming, cutting, welding, coating and sealing.

Main activities in cleantech

Metal plates and assemblies for fuel cells and electrolyzers

Chinese partner search

- Significant high volume manufacturing experience with access to automotive markets
- Ambition to acquire a leading worldwide position in fuel cell technology segment
- In-road into the Chinese market including the set-up of a local production plant
- Plant in Geel(BE) remain as the technology development Center

简介

该公司致力为清洁能源经济做出贡献，公司通过开发全球领先的高效生产设施生产超薄金属双极板。产品可应用于氢燃料电池及电解制氢。公司生产设施能够实施近乎完美的金属成形、剪裁、焊接、表面处理及密封全过程。

核心清洁技术

生产用于氢燃料电池及电解制氢产品所需的超薄金属双极板

合作伙伴需求

- 高产量及生产经验丰富的生产商，有汽车行业渠道
- 希望进入氢燃料技术领域，并在希望成为该行业世界领先地位的
- 希望进入中国市场并有意在当地建立生产的

研发 **Research & development**

设计与工程 **Design & engineering**

原型设计和工业化 **Prototyping & industrialization**

元件生产 **Component production**

系统集成 **System integration**

销售与服务 **Sales & services**

ENERGYVISION

Energy Industry

Type SME – Renewable energy
Website www.energyvision.be
Contact Maarten Michielssens (CEO)
Koen Decourt (COO)
Mail info@energyvision.be;
koen@energyvision.be

General overview

EnergyVision:

- Turnover (consolidated 2019): 55,21 mio EUR
- FTE: 102 FTEs (Belgium, China, Morocco)
- 2019: 45 MW installed in China, 15 MW in Belgium, 15 MW in Morocco

Main activities in cleantech

We develop, construct and finance your energy projects.At EnergyVision we believe that the best green energy solutions should be accessible for all companies regardless of their investment preferences.

Chinese partner search

Potential customers to realise energy savings with 5 year financing solutions aligned with the generated savings.

简介

爱维能(EnergyVision)：

- 营业额（2019合并）
- 全职人员：102人（比利时、中国、摩洛哥）
- 2019装机容量: 中国45兆瓦；比利时15兆瓦；摩洛哥15兆瓦

核心清洁技术

为您的能源项目献计、出力、出资

爱维能相信每一家公司，不管投资偏好如何，都应该享受到绿色能源方案

合作伙伴需求

希望与使用能源管理模式的潜在客户进行合作，帮助客户可通过五年节省的能源成本，作为项目投资来源。

研发 **Research & development**

设计与工程 **Design & engineering**

原型设计和工业化 **Prototyping & industrialization**

元件生产 **Component production**

系统集成 **System integration**

销售与服务 **Sales & services**

Hydrogenics

Energy & Mobility

Type company
Website www.hydrogenics.com
Contact Roel De Maeyer
Mail hydrogensales@hydrogenics.com

General overview

Hydrogenics is a manufacturer of hydrogen technologies. The company based in Belgium is designing and building hydrogen generators for more than 20 years under the brand name HySTAT® and has recently introduced the HyLYZER® with improved performance.

Main activities in cleantech

The HyLYZER® features a new developed 'largest in the world' proprietary PEM cell stack in the MW scale and is designed to produce clean hydrogen using renewable energy like solar and wind in a cost effective way.

Chinese partner search

The goal is to replace the conventional hydrogen production methods - out of coal or natural gas as these processes emit a lot of CO2.

简介

水吉能(Hydrogenics)是氢技术生产商，公司总部设在比利时，运用(HySTAT) 技术设计和生产各类氢气发生器有20多年的时间。水吉能最近退出了新的专利产品(HyLYZER)，提升了产品性能。

核心清洁技术

(HyLYZER) 配有新研制的世界上最大的质子交换膜燃料电池组（百万瓦特级别中），能够利用太阳能、风能等可再生能源生产出清洁氢气，具有很高的成本效益。

合作伙伴需求

公司目标是取缔传统的用煤或天然气生产氢气的方式，因为这一过程中会产生大量的二氧化碳。

研发 **Research & development**

设计与工程 **Design & engineering**

原型设计和工业化 **Prototyping & industrialization**

元件生产 **Component production**

系统集成 **System integration**

销售与服务 **Sales & services**

JAGA CHINA

Sustainable building & Energy

Type company
Website www.jagachina.com
Contact Nico vanherle
Mail nico@jagachina.com

General overview

We at Jaga China develop unique, high-quality heating, cooling, ventilation and smart home solutions for modern living. Jaga China advocates the change in the peoples' mindset towards the energy consumption. We hope that with our energy-efficient products we can inspire more people in changing their mentality regarding the environment. Even though Jaga is new to China, we already collaborate with some big names in the hotel industry, such as Moganshan Naked resort, Suzhou Naked resort and Nantong Riverside Intercontinental hotel. Furthermore, Jaga spread its business to Beijing, Chengdu, Wuhan, Nanjing, Hangzhou, and it expects further business expansion in the future. Today, Jaga is also very proud of its factory team that is constantly expanding. We take pride in our craftsmanship, service and design, we care for our employees and suppliers, and we also work hard to protect our planet. We believe that good design is only good if it is not harmful to the environment we live in! "less is more", less pollution for a better world!

Main activities in cleantech

heatpump technology and smart home

Chinese partner search

construction companies

简介

雅凯中国为现代生活开发独特、高品质的供暖、制冷、通风和智能家居解决方案。

雅凯中国倡导人们改变对能源消耗的观念。我们希望公司生产的节能产品能鼓舞更多的人改变对环境的看法。

虽然雅凯刚进入中国市场，但其实我们已经与一些知名酒店开展了合作，如莫干山裸心谷度假村、苏州裸心谷度假村和南通滨江洲际酒店。此外，雅凯还将业务扩展到北京、成都、武汉、南京和杭州，预计未来还会有进一步的业务拓展。如今，雅凯也为自身不断扩充的工厂团队感到无比自豪。

我们以自己的工艺、服务与设计为荣，我们关心员工与供应商，也努力保护我们所居住的地球。我们坚信只有不对环境造成污染的设计才是优秀的设计！

"少即是多"，减少污染，创造更美好的世界！

核心清洁技术

热泵技术和智能家居

合作伙伴需求

建造工程公司

研发 **Research & development**

设计与工程 **Design & engineering**

原型设计和工业化 **Prototyping & industrialization**

元件生产 **Component production**

系统集成 **System integration**

销售与服务 **Sales & services**

OWS

Waste & Circular Economy & Energy

Type company
Website www.ows.be
Contact Bruno Mattheeuws
Mail bm@ows.be

General overview

Organic Waste Systems (OWS) is a world leading company in the construction and operation of anaerobic digestion plants, in the biodegradability and compostability testing of different types of materials, and in waste management consultancy.

Main activities in cleantech

Construction of biogas plants for household waste organics & other (semi-) dry feedstocks

Chinese partner search

OWS is looking for projects/clients in China (municipalities, waste treatment companies, etc.)

简介

OWS是一家世界一流的公司，在以下方面处于世界领先地位：厌氧分解厂的建造与运营、各类材料的生物降解性和可燃性测试和废物管理咨询。

核心清洁技术

建造生物气工厂，处理厨余有机垃圾和其它（半干）废料

合作伙伴需求

该公司正在寻找中国项目/客户（市政当局、垃圾处理公司等等）。

研发 **Research & development**

设计与工程 **Design & engineering**

原型设计和工业化 **Prototyping & industrialization**

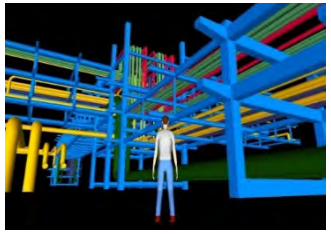
元件生产 **Component production**

系统集成 **System integration**

销售与服务 **Sales & services**

Real to Desk

Energy & building Industry



Type Technical service provider
Website www.realtodesk.com
www.globeshanghai.com
Contact Steven Couwels
Mail steven.couwels@realtodesk.com

General overview

As-built documentation and reality capture to improve efficiency in energy production and reduce emissions

Main activities in cleantech

3D laser scanning and reality capture for scrubber and ballast water treatment feasibility on vessels, efficiency improvement of steam-gas turbines of power plants

Chinese partner search

Dis and EPCMs looking for partners to document existing industrial and marine assets for engineering for improving efficiency and reducing emissions

简介

利用内置文档和现实捕捉提高能源生产效率并减少排放。

核心清洁技术

为洗涤塔和船舶压舱水处理可行性提供三维激光扫描和真实影像采集，提高供电站燃气–蒸汽轮机的效率

合作伙伴需求

计采购与施工管理领域的公司，有对原有工业设施、装置和船舶进内部装置进行真实图像三维存档的需求的企业都可以成为我们的合作伙伴

研发 **Research & development**

设计与工程 **Design & engineering**

原型设计和工业化 **Prototyping & industrialization**

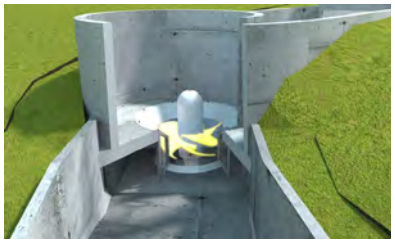
元件生产 **Component production**

系统集成 **System integration**

销售与服务 **Sales & services**

Turbulent

Energy Industry



Type company
Website www.turbulent.be
Contact Wim Heyvaert
Mail wim.heyvaert@turbulent.be

General overview

Development of its patented micro hydropower turbine projects by using very low height differences in rivers (~2 - 4m) to generate local renewable energy without impact on the ecosystem. USPs of our solution are:

- Compact, robust, turn key micro hydropower turbines with minimal maintenance requirements (half the size needed compared with competitors)
- Cost efficient generation of renewable energy
- Fish friendly turbine capable of handling debris and sedimentation
- Limited civil works requirements

Main activities in cleantech

Micro Hydropower development for renewable energy

Chinese partner search

Looking for companies in construction, energy or water sector with knowledge of the hydrology and topography needed for the implementation of hydropower projects.

简介

拥有自己的微型水电机组专利，可应用于低水位流域（2–4米深度）沿岸，以产生当地可再生能源，并对周边环境及水生态环境不造成任影响 技术独特之处:

- 结构小巧、坚固的交钥匙微型水利涡轮机，维修需求最小化（机型比市场同类竞争产品小一倍）
- 可再生能源的低成本效益化
- 鱼类友好型的涡轮机组，能够处理碎屑及沉淀物
- 土建要求低

核心清洁技术

开发微型水电机组产生可再生能源

合作伙伴需求

希望与有水文学及地形学相关技术的建筑公司、能源公司或水利发电的公司进行合作

研发 **Research & development** | 设计与工程 **Design & engineering** | 原型设计和工业化 **Prototyping & industrialization** | 元件生产 **Component production** | 系统集成 **System integration** | 销售与服务 **Sales & services**

VYNCKE NV

Energy Industry

Type Biomass & RDF energy solutions
Website www.vyncke.com
Contact Dieter VAN RYCKEGHEM– Li LIU
Mail dvr@vyncke.com – lli@vyncke.com

General overview

VYNCKE is a 4th generation family company based in Flanders. Since 1912 years we are designing, manufacturing and installing biomass & SRF to energy plants all over the world. Today we have around 4,200 references providing green energy to our customers all over the globe.

Main activities in cleantech

With over 350 VYNCKENEERS, we design and build green and clean energy plants burning biomass and Solid Recovered Fuel (SRF) to produce thermal energy from 1 – 100 MWth and electrical power from 0.5 – 15 MWe. The energy comes individually or in any combination of steam, hot water, thermal oil and hot gas with or without electrical power generation.

Chinese partner search

With 35 up and running plants in China, we are looking for new end customers - such as local governments & industry - who require energy in the form of steam, power or industrial & municipal heating or a combination of them as in CHP plants and who are looking for a green and clean energy solution.

Besides end customers we are also looking for agents who can represent us in the Chinese market. Ideal candidates are people/companies with a technical background and a strong network in the industry (food, paper & pulp, edible oils, coffee, wood, energy contractors..) or local goverment.

简介

VYNCKE是一家家族企业，现在由第四代继承人管理，总部在比利时德斯。自1912年以来，公司为全世界的能源工厂设计、生产和装配生物质和固体回收燃料。目前，我们有4200合作案例，为我们全球的客户供应绿色能源。

核心清洁技术

350名Vyncke员工共同努力，设计和建造燃烧生物质和固体回收燃料的清洁能源工厂，生产1兆瓦到100兆瓦的热能和0.5兆瓦到15兆瓦的电能。我们的产品设施产能形式多元化，可单独产生蒸汽、热水、导热油和热气，或以组合式形式产能，可伴随或不伴随电力生产。

合作伙伴需求

目前，温克在中国有35家工厂，我们仍在寻找新的终端客户，比如需要蒸汽、能源、工业或城市供暖的当地政府和产业，或是综合需要上述能源形式的热电联产工厂等，正在寻找绿色清洁能源方案的公司或单位。
除了终端客户，温克也在寻找能够在中国市场代表我公司的代理人，拥有相关技术背景的人/公司、某产业内的强大网络（食品、造纸、食用油、咖啡、木材、能源承包商或当地政府是最理想的对象.....)

研发 **Research & development**

设计与工程 **Design & engineering**

原型设计和工业化 **Prototyping & industrialization**

元件生产 **Component production**

系统集成 **System integration**

销售与服务 **Sales & services**

Waterleau Group

Water, air, Waste & Circular Economy & energy Industry

Type private company
Website www.waterleau.com
Contact Jeroen De Lathouwer, Director Business Development
Mail jeroen.delathouwer@waterleau.com

General overview

Waterleau is a global and leading water technology company that provides solutions for water, wastewater and the treatment of its by-products.

Main activities in cleantech

water treatment – wastewater treatment – renewable energy through anaerobic digestion (water / sludge / organic waste) – biogas treatment – turnkey solutions – engineered systems and tech packs to local partners – digital services

Chinese partner search

Looking for general contractors, in water and wastewater for municipal or industrial projects, who are interested to integrate Waterleau technologies as a tech pack in their total solution. Collaboration under license or partner agreement.

简介

Waterleau是一家国际化的水技术公司，处于世界领先地位，为水处理、污水处理和相关副产品处理提供方案。

核心清洁技术

水处理——污水处理——通过厌氧分解生产可再生能源（水/淤渣/有机废物）——生物气处理——整套解决方案——为本地客户提供工程师设计的系统和技术套餐——数字服务

合作伙伴需求

寻找市政项目或工业项目的水和污水处理项目总承包商，只要想将Waterleau技术纳入自己的整体方案中。通过公司授权或者伙伴协定的形式达成合作。

研发 **Research & development**

设计与工程 **Design & engineering**

原型设计和工业化 **Prototyping & industrialization**

元件生产 **Component production**

系统集成 **System integration**

销售与服务 **Sales & services**

Companies active in mobility

绿色交通领域企业

Overview 一览

AMS

Hydrogenics

一览

AMS

Energy & mobility Industry

Type company
Website www.ams-innovation.com
WeChat +32 475 286 682
Contact Johan Potargent
Mail johan.potargent@amsbelgium.com

General overview

AMS is a young, International and dynamic full service supplier in automation projects with several divisions worldwide. Being specialized in ROBOTICS, PLC and OFFLINE programming. The specialized in robotic molding applications can be applied for green mobility and clean production, for example hydrogen tank type 5. A new polymer transformation technology, ideal for producing lightweight parts for mobility.

Main activities in cleantech

Specialized in robotic moulding applications for green mobility solution and cleaner production.

Chinese partner search

- Automotive manufactures for Full-Cell vehicles
- Hydrogen tank producers

简介

AMS是一家年轻、国际化及充满活力的自动化项目全套服务供应商，该公司业务遍布全球。公司致力于机器人编程，PCL控制软件及脱机程序。该司特殊的机械手注塑成形技术，可应用于氢燃料电池车及清洁生产，例如生产第五代储氢缸。树脂类产品生产技术可以得到更新换代，从而为汽车行业提供超轻的部件产品。

核心清洁技术

特有的机械手注塑成型技术，用于氢燃料电池车及清洁生产。

合作伙伴需求

- 生产研发氢燃料汽车的厂家
- 储氢缸的生产厂家

研发 **Research & development**

设计与工程 **Design & engineering**

原型设计和工业化 **Prototyping & industrialization**

元件生产 **Component production**

系统集成 **System integration**

销售与服务 **Sales & services**

Hydrogenics

Energy & Mobility

Type company
Website www.hydrogenics.com
Contact Roel De Maeyer
Mail hydrogensales@hydrogenics.com

General overview

Hydrogenics is a manufacturer of hydrogen technologies. The company based in Belgium is designing and building hydrogen generators for more than 20 years under the brand name HySTAT® and has recently introduced the HyLYZER® with improved performance.

Main activities in cleantech

The HyLYZER® features a new developed 'largest in the world' proprietary PEM cell stack in the MW scale and is designed to produce clean hydrogen using renewable energy like solar and wind in a cost effective way.

Chinese partner search

The goal is to replace the conventional hydrogen production methods - out of coal or natural gas as these processes emit a lot of CO2.

简介

水吉能(Hydrogenics)是氢技术生产商，公司总部设在比利时，运用(HySTAT) 技术设计和生产各类氢气发生器有20多年的时间。水吉能最近退出了新的专利产品(HyLYZER)，提升了产品性能。

核心清洁技术

(HyLYZER) 配有新研制的世界上最大的质子交换膜燃料电池组（百万瓦特级别中），能够利用太阳能、风能等可再生能源生产出清洁氢气，具有很高的成本效益。

合作伙伴需求

公司目标是取缔传统的用煤或天然气生产氢气的方式，因为这一过程中会产生大量的二氧化碳。

研发 **Research & development** | 设计与工程 **Design & engineering** | 原型设计和工业化 **Prototyping & industrialization** | 元件生产 **Component production** | 系统集成 **System integration** | 销售与服务 **Sales & services**

Companies active in multi domains

跨领域企业

Overview 一览

Aloxy

I-care Group

CMK

UA

一览

Aloxy

Internet Of Things

Type company
Website www.aloxy.io
Contact Jan Coppens (CEO)
Mail jan.coppens@aloxy.io

General overview

Aloxy offers a modular industrial Internet of Things platform for the process and chemical industry. Their goal is to improve safety and efficiency, to automate processes and to deliver actionable insights into industrial operations.

Main activities in cleantech

- IoT solution for manual valve position indication.
- IoT solution for maintenance progress monitoring (tracking the status of a plant shutdown).

Chinese partner search

Chemical companies exploring IoT solutions to optimize plant operations.

简介

Aloxy为化学产业提供模块化的工业物联网平台，目标是提高安全性和效率，使生产过程自动化，提供可执行的工业运营建议。

核心清洁技术

- 用物联网替代手动阀位显示
- 利用物联网进行维护进度监控（追踪工厂停机故障状态）

合作伙伴需求

寻找那些想物联网技术优化工厂运营的中国化学公司作为合作伙伴

研发 Research & development | 设计与工程 Design & engineering | 原型设计和工业化 Prototyping & industrialization | 元件生产 Component production | 系统集成 System integration | 销售与服务 Sales & services

CMK
Multi domains

Type research institute
Website www.uhasselt.be/CMK-en
Contact Sofie Thijs
Mail sofie.thijs@uhasselt.be

General overview
Our research domains including:
- Understanding the influences of the a(biotic) stresses on organisms
- Developing and assessing sustainable clean technologies to mitigate influences of the environment on organisms
- Monitoring, valuing and optimizing biodiversity and ecosystem services under different stress conditions, including climate change

Our research groups are the followings:
- Environmental Biology
- Zoology, Biodiversity and Toxicology
- Applied and Analytical Chemistry
- Environmental Economics
- Environmental law

Main activities in cleantech
Sustainable nature-based soil and water remediation, air quality and health
Biostimulants and bio-augmentation, sustainable materials...

Chinese partner search
- Sustainable nature-based soil and water remediation companies
- Biostimulants and bio-augmentation
- Air quality and health
- Sustainable materials: minerals, biochar, ...

简介
我们主要科研领域包括：
- 理解生物胁迫对生物的影响
- 研发可持续发展的清洁技术，将环境对生物的影响降到最低
- 对在不同的胁迫条件下（包括气候变化）对生物多样性进行监测及评估，并对生态系统服务

核心清洁技术
- 环境生物学
- 动物学、生物多样性及毒理学
- 应用分析化学
- 环境经济学
- 环保法

合作伙伴需求
- 使用可持续发展的技术进行土壤修复的公司
- 生物刺激素及生物强化
- 空气质量与健康
- 可持续发展类的材料：矿物、生物炭等

研发 **Research & development**

设计与工程 **Design & engineering**

元件生产 **Component production**

系统集成 **System integration**

University of Antwerp

Multi domains

University of Antwerp

Type Knowledge Institute
Website www.uantwerpen.be
WeChat +32 475 286 682
Contact Dr. Jurgen Joossens
Mail Valorisatie@uantwerpen.be

General overview

The University of Antwerp is a young, dynamic and future-oriented university. It integrates the assets of its historical roots in its ambition to make a positive contribution to society.

Main activities in cleantech

- Focus on sustainable technology and materials.
- Investigate new technologies to improve or monitor the quality of air and water.
- Investigate new technologies to support self-cleaning surfaces.
- Investigate new materials that allow to purify liquid flows more efficiently, so that they can also be reused in industrial processes.
- Recycling of organic compound side streams in new products.
- Structural and chemical characterization using electron microscopy, computer simulations and theoretical modeling of nanostructures and their functional properties.

Chinese partner search

- Companies interested in licensing academic technology
- Companies interested in academic collaboration
- Investors interested in our spin-off projects
- Knowledge institutes interested in academic collaboration

Experience with EU Knowledge Institute collaborations is favorable

研发
Research & development

设计与工程
Design & engineering

原型设计和工业化
Prototyping & industrialization

简介

安特卫普大学（The University of Antwerp）是一所年轻、充满活力、面向未来的大学。安特卫普大学将自己的历史底蕴与雄心壮志结合起来，努力为社会作出积极贡献。

核心清洁技术

- 主要研究可持续技术和材料
- 研究新技术来提升或监控水质和空气质量
- 研究新技术，开发自清洁表面材料
- 研究能够高效净化液体的新材料，将净化后的液体再次作为工艺水使用。
- 回收新产品中的有机合成侧线馏出物
- 利用电镜成像、电脑模拟、纳米结构及其功能特性理论建模等手段展现结构和化学特性

合作伙伴需求

- 对学术合作感兴趣的中国公司
- 对我们的派生项目感兴趣的中国公司
- 对学术合作感兴趣的中国知识机构

特别欢迎与欧洲知识机构有合作经验的中国伙伴。

I-care Group

Multi domains

Type Predictive Maintenance 4.0 & Reliability
Website www.icareweb.com
Contact Fabrice BRION - CEO
Mail leads@icareweb.com

General overview

Founded in 2004, I-care Reliability Group is today one of the global leaders in Predictive Maintenance and Reliability Engineering. With its headquarter in Belgium and a direct presence in more than 15 countries worldwide, I-care Reliability Group has a team of 300+ engineers who can service customers anywhere in the world. I-care offers a wide range of high added value products, training and services to predict, advice and accompany its industrial customers in optimised maintenance plans and production availability at controlled costs by reducing the risk of unplanned shutdowns.

Main activities in cleantech

- HVAC remote condition monitoring
- Steam trap remote condition monitoring
- Reliability Engineering (EMP, Lubrication plan, P&S, etc)

简介

I-care可靠性集团在预测维修和可靠性工程方面目前处于世界领先地位。集团总部设在比利时，在全球15个国家设有办事处。目前集团有300多名员工，可以为全世界的客户提供服务。I-care提供一系列高附加值的产品、培训和服务，来帮助产业客户进行预测，给他们提供建议，并帮助他们优化维修计划，通过减少计划外停产的风险保证在可控成本内的有效生产。

核心清洁技术业务

- 暖通空调远程情况监测
- 疏水阀远程情况监测
- 可靠性工程（设备维修计划、润滑规划、产品与服务等等）

研发 **Research & development**

设计与工程 **Design & engineering**

原型设计和工业化 **Prototyping & industrialization**

元件生产 **Component production**

系统集成 **System integration**

销售与服务 **Sales & services**

Alphabetical company list
公司名称按字母顺序排列

- Ad Rem
- Aloxy
- AMS
- awg architecten
- Bio Org
- Bio2Clean
- Biolectric
- Blue foot Membranes
- Borit
- CMK
- Energyvision
- Facadeclick
- Harsonic
- Hydrogenics
- Hydroscan
- I-care
- iFLUX
- INJECTIS
- InOpSys
- Ipas
- Jaga
- Keppel seghers
- NDV Ultrasonic Company BV
- NuReSys
- Orbix
- OWS
- Real to Desk
- ROAM technology
- Turbulent
- UA
- Urban Crop Solutions
- VYNCKE NV
- Waterleau

比中洁径

Cleantech Route China

Cleantech Route China is an initiative of

比中洁径是下列机构的联合行动项目

POM antwerpen Provincie Antwerpen

POM Limburg economisch versnellen

provincie Oost-Vlaanderen

POM West-Vlaanderen

SMART HUB FLEMISH BRABANT

Cleantech Flanders Powered by VITO

FLANDERS INVESTMENT & TRADE

Flanders State of the Art