



BIOTEC 上海国际生物质能展

Shanghai International Exhibition on Heating and Heat Power Technology 2016

第十四届上海国际锅炉、辅机及工艺设备展览会

The 14th Shanghai International Exhibition on Boiler Technology

2016上海国际生物质能利用及技术展览会

Shanghai International Exhibition on Biomass Energy Utilization and Technology 2016

2016.10.11-13

Shanghai World Expo Exhibition & Convention Center (SWEECC), PR China

聚焦智能供热技术

中国・上海世博展览馆

引领节能环保发展 **Focusing on Intelligent Heating Technologies to Lead**

the Development of Energy-saving and Environmental Protection







ADSALE 雅式

SIBRI (#)

自1993年创办起,已经发展成为业内最权威的展览平台。在节能环保产业巨大的市场需求和发展潜力带动下,展会 聚焦智能化、绿色环保的供热方案,为推进"美丽中国"建设做出积极的贡献! Due to the nationwide implementation of energy-conservation and emission reduction, there is an imminency for

BUILDING UP A GREEN CHINA IN LINE WITH ENVIRONMENTAL PROTECTION

在国家力推节能减排的背景下,推进工业锅炉行业技术创新、加快产业结构调整及提高制造国际化水平,已经刻不

structure as well as improving the level of internationalization of boiler manufacturing. With inception in 1993, HEATEC / BOILER SHANGHAI / BIOTEC have been emerged as the most authoritative exhibition of its kind in China. Driven by the mammoth market demand and gigantic development potential of environmental protection, the upcoming exhibition with the main theme of "Intelligent and Green Heating Technologies" will help to

CONCURRENT FORUMS AND TECHNICAL SEMINARS 主办单位将联手相关支持单位在展览会同期召开多场针对"环保 锅炉、生物质能、锅炉智能制造技术,以及锅炉替代产品及解决方 案"的专业论坛及技术研讨会。技术领先企业和相关用户单位将 聚首一堂,同谋行业发展,共探前沿技术。 The show organizer and supporters will work jointly in organizing a series of professional forums and technical seminars pertaining

during the exhibition. Experts, leading enterprises and end-users will be gathered together for in-depth technical and business interchange.



观众数目 No.of Visitors: > 10,000

to "Green Boilers, Biomass Boilers, Intelligent Boiler Fabrication Technologies as well as Boiler Replacement Products & Solutions"



主要参展商 Major Exhibitors: **上述何护其因有限公司**

本、瑞典、瑞士、英国、美国及香港特别行政区。

○ 新維格於 OLYMSPAN®

Italy, Japan, Sweden, Switzerland, UK, USA and the Hong Kong SAR.

Ecoflam AUTOFLAME

155 exhibitors came from 14 countries / regions including Austria, Canada, China, Finland, France, Germany, India,

各类锅炉 Various Kinds of Boilers(含各类常规燃料工业锅炉、生物质锅炉及壁挂炉 including 21% conventional fuel boilers, biomass boilers and wall-hung boilers) 生物质能技术及相关产品 Biomass Energy Technologies and Related Products(含生物质 燃料成型设备、生物质燃料、生物质燃烧机及配件和生物质气化设备等 including biomass fuel forming 20% equipment, biomass fuel, biomass burners & accessories, biomass gasification equipment, etc.) 锅炉替代产品及解决方案/节能减排技术 Boiler Replacement Products & Solutions/

Energy-saving & Emission Reduction Technologies(含热泵、余热回收装置、蓄能供热装

devices, air steam generators, etc.) **锅炉辅机 Boiler Auxiliaries**(含锅炉监控及节能系统、炉排、风机、泵阀、仪器仪表、除尘器、水 处理药剂、导热油、耐火保温材料、锅炉设计软件等 including boiler monitoring and energy saving 23% system, grates, fans, pumps &valves, instruments and meters, dust collector, water treatment chemicals, thermal oil, refractory materials, boiler design software, etc.) **燃烧器及配套产品 B**urners and Related Products(含燃气安全和控制系统、火焰监测设备、油泵及其 18%

锅炉及压力容器生产装备和技术 Boiler & Pressure Vessels Fabrication Equipment and Technologies (含焊接及切割设备、坡口机、弯管机、蛇形管生产线、焊剂等 including welding and cutting 10% equipment, beveling machines, bending machines, serpentine pipe production lines, welding flux, etc.) 7% 其它 Other (媒体及其它产品 including media and other products)

为期三天的展览会接待了来自 $oldsymbol{31}$ 个国家及地区的中外观众共 $oldsymbol{8,821}$ 人次。 观众数目 No. of Visitors: The 3-day show had attracted f 8,821 visitors coming from f 31 countries / regions. 观众按行业分类 Visitors by Business Sectors: 备注 Remarks: 36%

观众按地区分类 Visitors by Geographical Area 上海 Shanghai 华中 Central China 26.3%

东北 Northeastern China 8.8% 华北 Northern China 7.4% 海外 Overseas 华南 Southern China 6.1%

生物质固体成型燃料锅炉 Biomass solid fuel boilers

Burning Equipment for Biomass Boilers

3) 锅炉替代产品及解决方案 / 节能减排技术

Other Combined Cooling Heating and

Power (CCHP) Technology and Products

3.3) 各类热泵(工业余热、空气源、水源、地源等)

Gas Radiant Heating / Heating Equipment

Various Kinds of Heat Pumps

Oil Heating Furnace Boilers

Industrial Heating Furnace

3.5) 燃气辐射 / 热风采暖设备

Emission Reduction Technologies

3.1) 分布式能源技术和设备

3.4) 油田加热炉

3.6) 工业加热炉

3.2) 其它冷热电联供技术与产品

Boiler Replacement Products & Solutions / Energy-saving &

Distributed Energy Technology and Equipment

(industrial waste heat, air source, water source, ground source, etc.)

Biomass Boiler Feeding System Equipment

高效低排放生物质(半)气化锅炉 Efficient and low-emission

生物质直燃锅炉 Biomass-fired boilers

• 生物质供暖设备 Biomass heating equipment

biomass (semi-) gasification boilers

2.6) 生物质锅炉燃烧设备

2.7) 生物质锅炉上料系统设备

※参展商可选多项 Some Exhibitors Supply More than One Categories

工业用户:包括食品、纺织、漂染、造纸、木材加工、汽车/汽 配、石油化工、日化、酒/啤酒/饮料、钢铁/冶金、医疗及药品、乳制品、玻璃、水泥、皮革、机电设备等

Industrial End-users: including food, textile, dyeing & finishing,

beverage, steel / metallurgy, medical & pharmaceutical, dairy products, glass, cement, leather, mechanical & electrical

商业用户:包括酒店宾馆、饭店、度假村/会所、医院、房地产、

Commercial End-users: including hotels, restaurants, resorts / clubs, hospitals, real estate, saunas / bath centers / swimming

其它:包括热电厂/发电厂、节能改造公司、设备安装公司、合同能源管理公司、系统集成商、研究院/设计院等 Others: including cogeneration plants / power plants, energy

conservation and reconstruction companies, equipment installation companies, EMC companies, system integration

companies, research institutes / design institutes, etc.

paper making, wood processing, automobile / auto parts, petroleum & chemicals, daily chemicals, brewery / beer /

桑拿/洗浴中心/泳池、学校、银行/金融机构等

pools, schools, banks / financial institutions, etc.

equipment, etc.

华东(不包括上海市)

农夫山泉Nongfu Spring / 雀巢Nestle / 伊利Yili / 统一Uni-President / 箭牌Wrigley / 乐百氏Robust / 康师傅Masterkong / 娃哈哈Wahaha / 青岛啤酒Tsingtao / 金丝猴食品Golden Monkey / 马可孛罗Marco Polo / 冠生园Guan Sheng Yuan / 花王Kao / 美加净Maxam / 相宜本草Inoherb / 纳爱斯Nice Group / 以纯Yishion / 曼姿袜业Manzi / 傲饰服饰Aoshi / 中隆纸业Zhonglong Paper / 佳格纸业JG Paper / 片仔癀PienTze Huang / 伊莎美尔Isamell / 文峰生物制药WenfengBio-Pharma / 景峰制药

上海金联热力JinlianReli / 外高桥热力Shanghai Waigaoqiao Thermal / 上海中芬热力供应Sinofinn / 北方新能热力产业投资Northern New Energy Thermal Industry Investment / 上海中金能源投资China Capital Investment / 上海华电闵行能源China Huadian Corporation / 上海太平洋能源中心Shanghai Pacific Energy Center / 上

华东理工大学East China University of Science and Technology / 中山市人民医院Zhongshan City People's Hospital / 上海市中西医结合医院Shanghai Tcm-Integrated Hospital/上海国际机场Shanghai Airport Authority/国际贵都大饭店 Equatorial/海鸥饭店Seagull Hotel/海伦宾馆Shanghai Hyland/假日酒店 Holiday Inn/华住酒店Huazhu Hotels Group/银星皇冠假日酒店Crowne Plaza/锦江之星Jinjiang Inn/上海龙之梦大酒店The Longemont Shanghai/西郊宾馆

Eastern China (excluding Shanghai)

海青浦工业园区热电Shanghai Qingpu Industrial Park Cogeneration D. 设计院及研究院 Design Institutes & Research Institutes 同济大学建筑设计研究院(集团)Architectural Design and Research Institute of Tongji University (Group) / 山东省科学院能源研究所Energy Research Institu<mark>te of</mark> Shandong Science Academy / 中国科学院Chinese Academy of Science / 中国建筑上海设计研究院China Shanghai Architectural Design & Research Institute 展品范围 **SCOPE OF EXHIBITS** 1) 锅炉及相关产品与技术 2) 生物质能产品与技术 **Boilers and Related Products & Technology Biomass Energy Products and Technology** 1.1) 各类锅炉 2.1) 生物质固体颗粒燃料制备设备 Various Kinds of Boilers **Solid Biomass Pellet Fuel Preparation Equipment** 常规锅炉 Conventional Fuel Boilers 2.2) 生物液体燃料制备系统和设备 燃煤锅炉、有机热载体锅炉、循环流化床锅炉等 Coal-fired boilers, organic heat transfer material boilers, circulating fluidized **Bio-Liquid Fuel Preparation Systems and Equipment** bed boilers, etc. 天然气利用技术和产品 Gas Utilization Technologies and 2.3) 生物燃气制备系统和设备 **Bio-Gas Fuel Preparation Systems and Equipment** 燃气锅炉(包括冷凝式锅炉)、壁挂式燃气炉、家用/商用 燃气供暖锅炉等 Gas-fired boilers (including condensing boilers), 2.4) 生物质能燃料 wall-hung gas furnace, home / commercial gas-fired heating boilers, **Biomass Fuel** 电加热锅炉 Electric Heating Boilers 电加热锅炉、电加热元件产品及安全控制装置等 Electric 2.5) 生物质锅炉 heating boilers, electric heating elements and safety control **Biomass Boilers** installation, etc.

JF Zhiyao / 稳健医疗Winner Medical / 诚意药业Chengyi Pharmacy / 绍兴第二印染No.2 Shaoxing Printing & Dyeing

(oil pumps, nozzles, pressure switches, etc.) 2.8) 生物质合同能源管理 **EMC for Biomass Energy** 1.3) 锅炉辅机 **Boiler Auxiliaries** 锅炉水处理设备 Boiler water treatment equipment

1.5) 锅炉、压力容器及压力管道生产、安装用工艺设备及材料 Boilers, Pressure Vessels & Piping Manufacturing, **Erecting Equipment and Materials** 焊接及切割技术与设备 Welding & cutting technology and 无损检测技术与设备 NDT technology and equipment

专用加工设备 Specialized manufacturing equipment 钢铁、管材和型材 Steel, pipes and section steel

强大的主办及支持单位阵容

dust remover, desulphurization and denitrification, etc.

- STRONG ARRAY OF ORGANIZERS AND SUPPORTERS 主办单位 Organizers: 中国电器工业协会工业锅炉分会
- 上海市节能协会 Shanghai Energy Conservation Association 上海市酿酒专业协会 Shanghai Drinks Association 上海市食品协会

承办单位 Co-organizers:

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Shanghai Food Association

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中国电器工业协会 China Electrical Equipment Industrial Association 上海电气 (集团)总公司 Shanghai Electric (Group) Co., Ltd

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容缓。《上海国际供热及热动力技术展览会》HEATEC、《上海国际锅炉、辅机及工艺设备展览会》BOILER SHANGHAI暨《上海国际生物质能利用及技术展览会》BIOTEC(简称《上海国际供热、锅炉暨生物质能展》),

accelerating technological innovation of the industrial boiler industry, speeding up the adjustment of industrial foster the development of GREEN CHINA!

同期专业论坛及技术研讨会

展场面积 Exhibition Area: 17,000 平方米 sqm 展商数目 No. of Exhibitors: 共计155家参展商,来自14个国家及地区,包括奥地利、加拿大、中国、芬兰、法国、德国、印度、意大利、日

参展商展品分类 Exhibitors by Product Category:

观众统计 VISITOR STATISTICS:

工业用户及商业用户 Industrial End-users & Commercial End-users

供热设备供应商及贸易商 Heating Equipment Suppliers and Traders

22%

20%

3%

14.5%

10% 置、空气能蒸汽机组等 including heat pumps, waste heat recovery units, energy storage heating 它相关配件 including gas safety and control systems, flame monitoring equipment, oil pumps and other parts & accessories)

19% 其它 Others

生物质燃料生产商 Biomass Fuel Manufacturers

锅炉生产商 Boiler Manufacturers

7.2% ------主要知名观众及买家 Major Renowned Visitors & Buyers:

A. 工业用户 Industrial End-users

B. 商业用户 Commercial End-users

C. 服务供应商 Service Providers

Xijiao State Guest Hotel

1.4) 节能减排技术和产品 Energy-saving & Emission Reduction Technology and Products 节油节煤技术(包括:节能器、省煤器等)Oil saving and coal saving technology (including energy saver, coal economizer, etc.) 蓄热器、热交换设备 Heat accumulators, heat-exchangers 冷凝水回收技术与系统设备 Condensing water recovery system technology and equipment 烟气回收技术与系统设备 Exhaust gas recovery system

燃煤筛选及制备技术 Coal screening and preparation technology

除尘脱硫脱硝等烟气净化设备 Flue gas purification equipment:

废热、废气、废弃物利用技术及产品 Exhaust-heat,

Exhaust-gas Utilization Technologies and Products

equipment, waste heat recovery boilers, exhaust gas utilization

燃烧器配件(油泵、烧嘴、压力开关等) Burner spare parts

锅炉及供热系统自动控制装置、锅炉性能检测仪器仪表、及 检测、测试和计量装置 Boiler and heat supply system controlling automatic installation, boiler performance monitoring and testing

Burning Technology and Products

equipment, etc.

1.2) 燃烧技术与产品

燃烧器 Burners

链条炉排 Stoker grates

equipment and devices

耐火材料 Refractory materials

technology and equipment

洁净煤炭 Clean coal

泵、阀门和风机 Pumps, valves and fans

垃圾、污泥焚烧处理技术及系统设备、余热锅炉、废弃利用

设备等 Solid wastes, sludge incineration technology and systemic

- Industrial Boiler Branch of China Electrical Equipment Industrial Association (CIBB) 上海工业锅炉研究所 Shanghai Industrial Boiler Research Institute (SIBRI)
- 上海市资源综合利用协会集中供热热电联产专业委员会 Shanghai Comprehensive Resources Utilization Association -Central Heating Cogeneration Professional Committee

电话 Tel: 86-21-51879766

电邮 E-mail: boiler@adsale.com.hk

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