



E-world energy & water

EUROPE'S LEADING ENERGY TRADE FAIR

E-WORLD ENERGY & WATER

6TH-8TH FEBRUARY 2018

ESSEN, GERMANY

TRADE FAIR | SMART ENERGY | INNOVATION | CONGRESS | SIDE EVENTS

AS OF: JULY 18TH 2017

WELCOME

In 2017, E-world energy & water once again brought together the energy industry from all over the world in Essen. Record participation by 710 exhibitors from 30 nations, and around 25,000 visitors from 74 countries confirmed the high standards and the outstanding significance of the trade fair as an information platform for the energy sector.

We are pleased about the sustained high numbers of exhibitors and visitors, as this is a clear proof that we are achieving our aim of aligning E-world closely with the current market developments and industry trends. The consistently positive feedback we have received from both exhibitors and visitors is equally crucial to us and has again reached record levels this year.

The focus of the trade fair is on products, technologies and services in the fields of energy services, information technology and energy trading. The "Smart Energy" area presents intelligent technologies for efficient networking and control of electricity generators, storage systems and consumers. In the "Innovation" area young, innovative companies and research institutes can present themselves and establish valuable contacts with investors, cooperation partners and industry representatives.

Making cities more efficient, technologically advanced and more sustainable is a key challenge in the coming years. In order to take up this trend and to provide more space for the presentation of intelligent solutions for cities, E-world 2018 will set a thematic focus for the first time: "Smart City". Established companies as well as start-ups will present their innovative solutions, for example technologies for intelli-



gent energy transmission and storage as well as the integration and networking of prosumers.

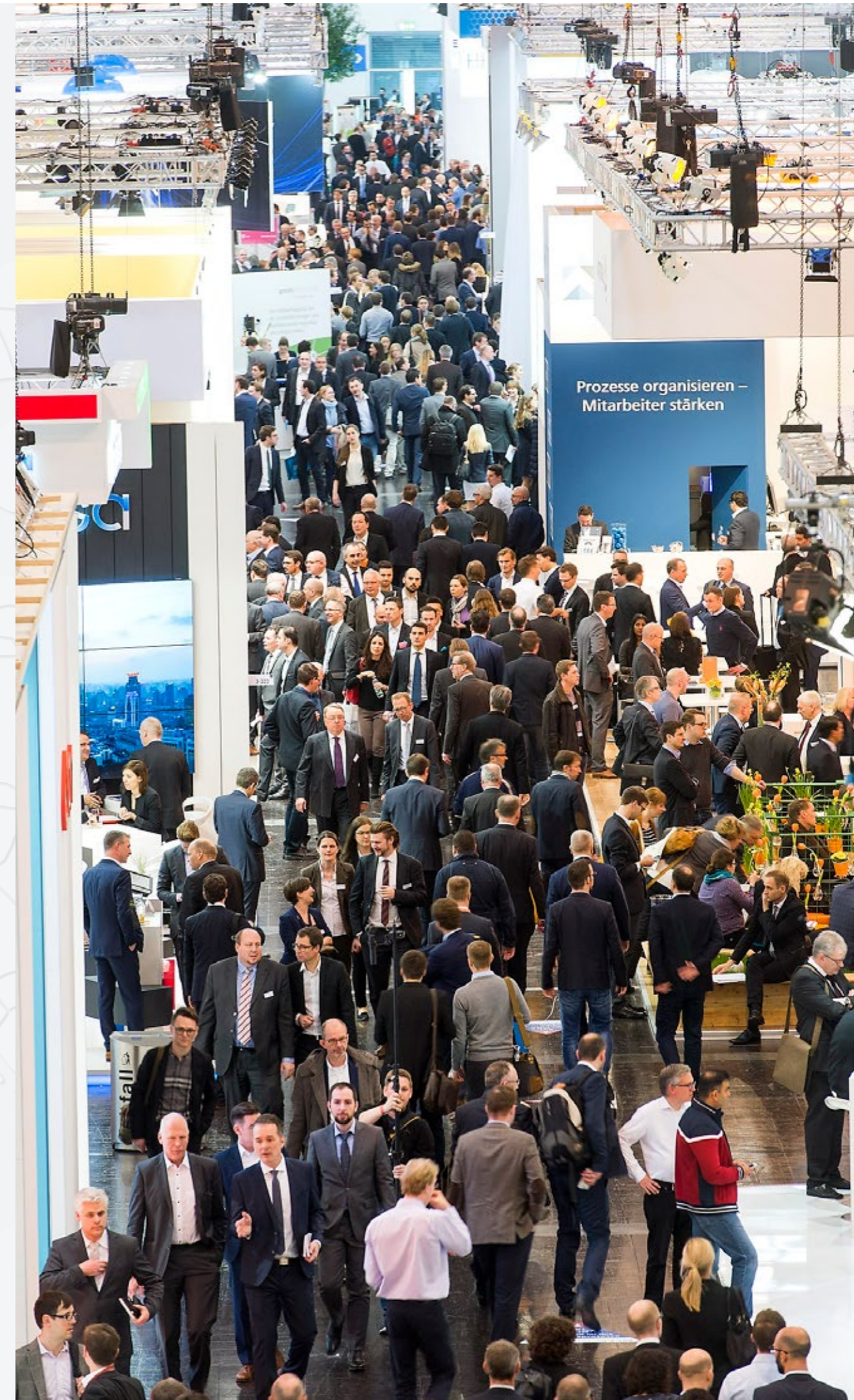
Around the four focal themes: mobility, heat, grids and buildings, a diverse framework program is also taking place. Numerous lectures and discussions are organized from the presentation of international projects, to European and national initiatives for intelligent city planning up to concrete solutions and existing technologies.

Take advantage of this opportunity and experience the most important meeting point of the energy industry in Europe!

Take part from 6th to 8th February 2018 when E-world energy & water takes place in Essen. We look forward to seeing you there!

Stefanie Hamm

Sabina Großkreuz



PRESS COVERAGE OF E-WORLD

MEDIA REPORTS AT A GLANCE

E-world energy & water has a national and international presence all year round thanks to the coverage by numerous media. Agency reports, radio broadcasts, print media reports and online news provide comprehensive coverage of the exhibition.

The number of journalists and the international nature of the media on site is constantly increasing. Amongst the 378 accredited journalists, in addition to the German press representatives were also journalists from 13 other countries at E-world energy & water 2017.

New products, technologies and services can be announced with optimum impact through press conferences, the display of press documents and other press services. Use the reach of the media, and the attention paid to it during the trade fair, to provide specifically targeted trade journalists and visitors with information. We are happy to assist you.

If you have press-related questions or comments, please do not hesitate to contact us.

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378 JOURNALISTS

WERE REPRESENTED AT E-WORLD ENERGY & WATER

176,700,000

NUMBER OF PEOPLE REACHED

14 COUNTRIES

JOURNALISTS FROM
BELGIUM, GERMANY, FRANCE, NORWAY, NETHERLANDS,
AUSTRIA, SLOVENIA, UK, GHANA, MOROCCO,
PAKISTAN, SINGAPORE, USA, TOGO



„E-WORLD 2017 PROMOTES INNOVATIONS FOR THE ENERGY SECTOR“

SUN&WIND ENERGY

„DIGITIZATION OF THE ENERGY INDUSTRY SHAPES LEADING TRADE FAIR E-WORLD“

TM 2.0

„ENERGY TRANSITION IS GOING TO BE SMART“

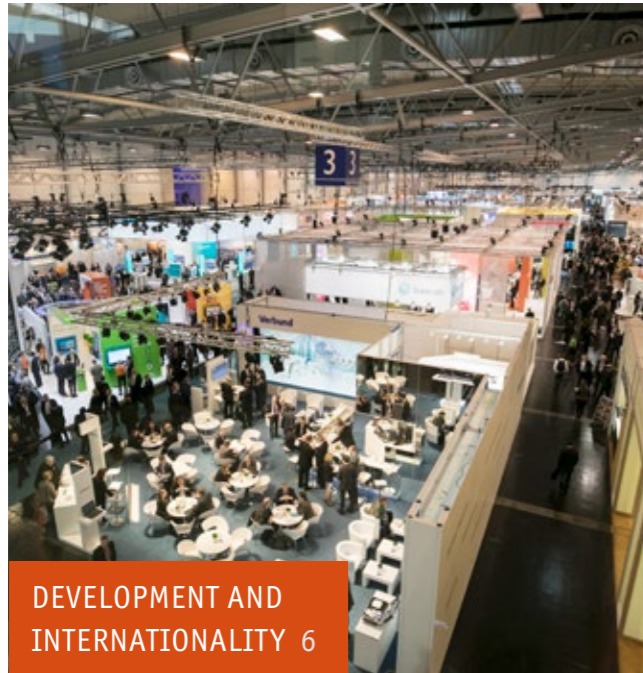
ERNEUERBARE ENERGIEN

„E-WORLD: THE LEADING TRADE FAIR IN TIMES OF CHANGE“

ENERGY.AKTUELL

E-WORLD ENERGY & WATER

TRADE FAIR



5

SMART ENERGY



8

INNOVATION



11



CONGRESS



16



DAY OF THE CONSULATES 19





TRADE FAIR

710 EXHIBITORS

25,000 PROFESSIONAL VISITORS

98,8%

PROPORTION OF PROFESSIONAL VISITORS



70,0%

OF EXHIBITORS MADE INTERNATIONAL CONTACTS





EUROPE'S LEADING TRADE FAIR IN THE ENERGY INDUSTRY

DEVELOPMENT AND INTERNATIONAL NATURE OF THE TRADE FAIR

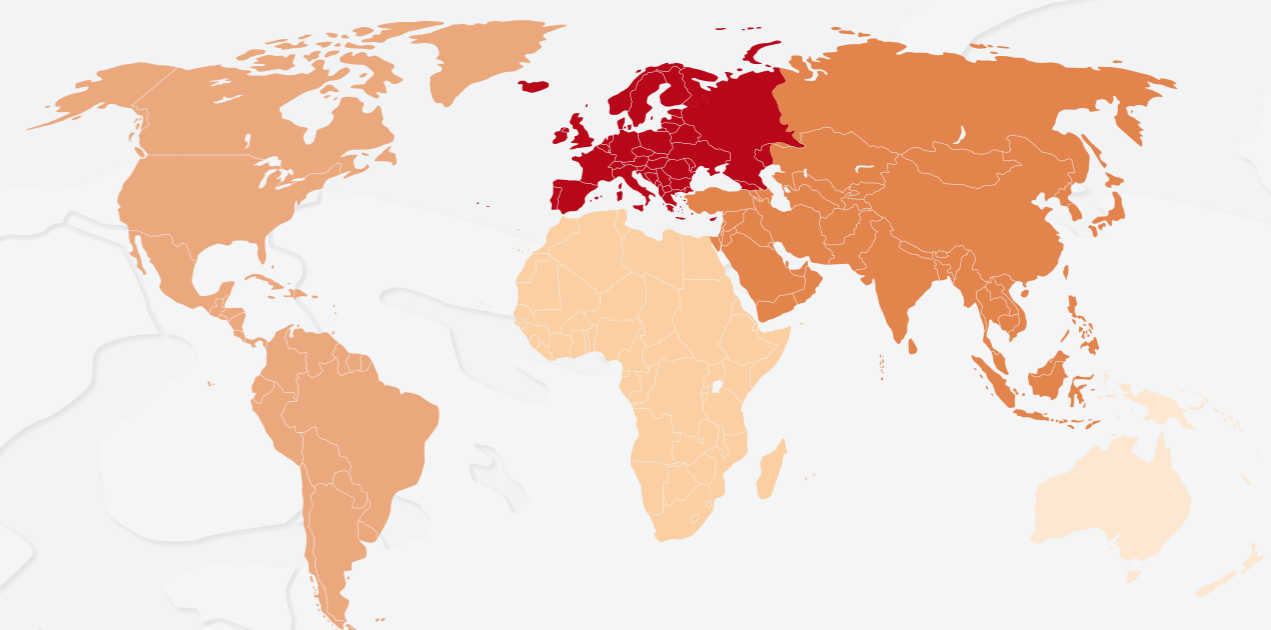
E-world energy & water is the meeting point for the European energy industry. 710 exhibitors and around 25,000 professional visitors from 74 countries came together in Essen in 2017 to exchange news and views on the latest market developments. This again serves to underline E-world's importance as an international information platform for the energy sector.

One fifth of the exhibiting companies are based abroad. The majority of international exhibitors came from countries in the European Union: France, Switzerland

and the Netherlands, followed by the UK, Italy and Austria are the most frequently represented nations. China was the most requested non-European country.

On a visitor level, internationality is also constantly rising. In 2016 the percentage of international visitors was approx 20 %. The largest group here came from the Switzerland, followed by the UK, Netherlands and Italy. In total, around 70 % of exhibitors made international contacts.

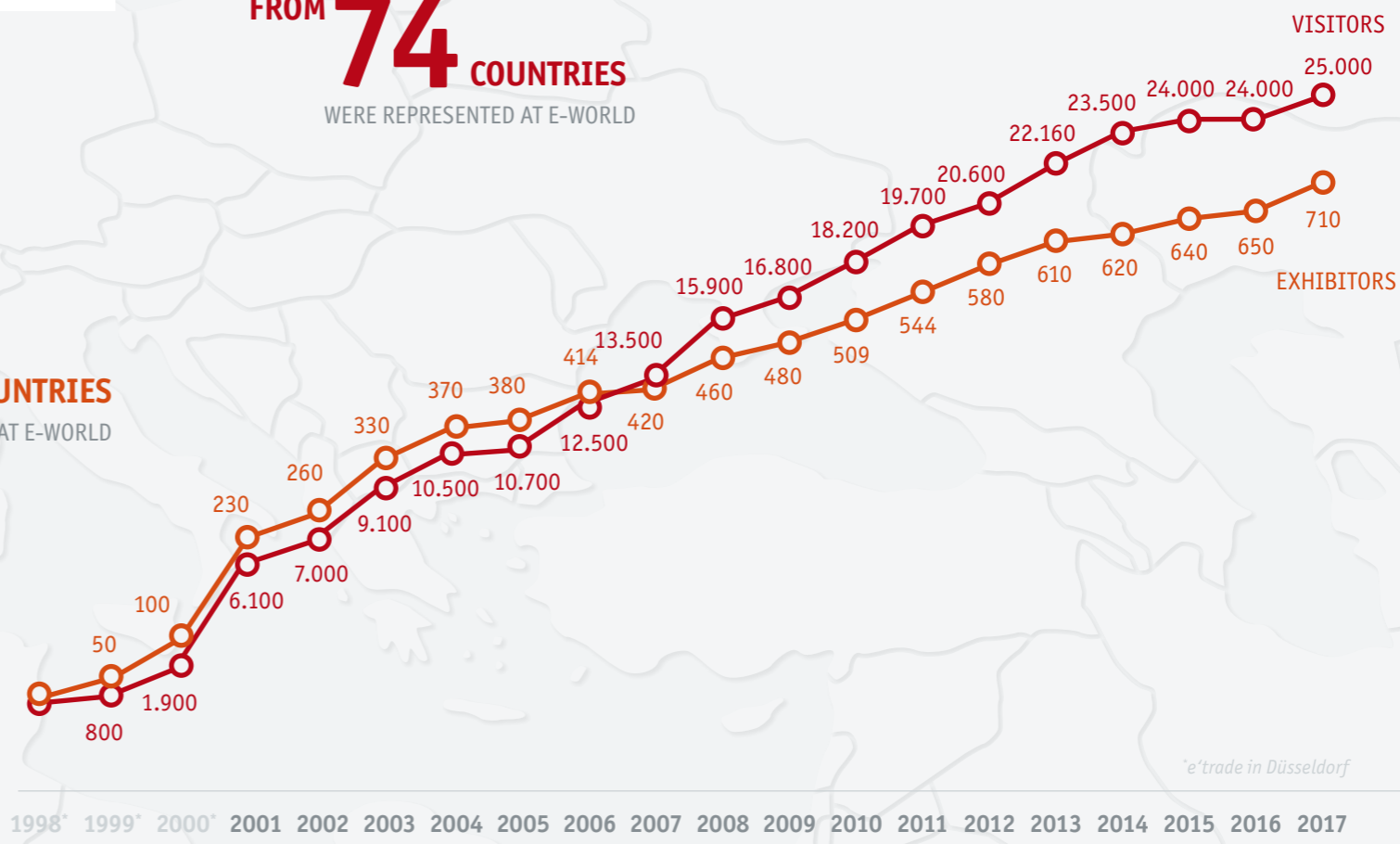
VISITORS FROM 74 COUNTRIES
WERE REPRESENTED AT E-WORLD



DETAILS

Further information can be found at: [E-world Spectrum](#) (Website)

EXHIBITORS FROM 30 COUNTRIES
PRESENT THEIR IDEAS AT E-WORLD



e'trade in Düsseldorf

DEVELOPMENT OF E-WORLD ENERGY & WATER

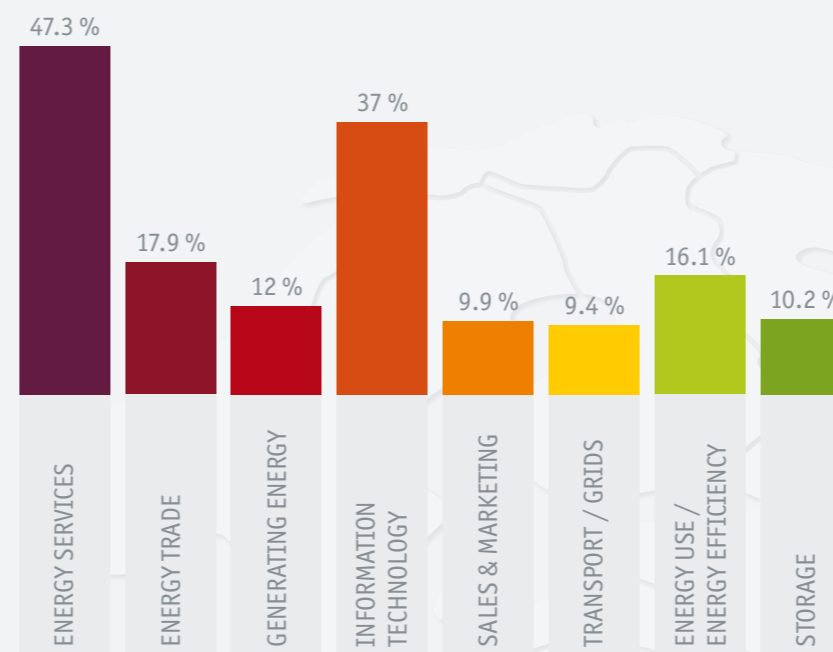


THE TRADE FAIR IN FIGURES

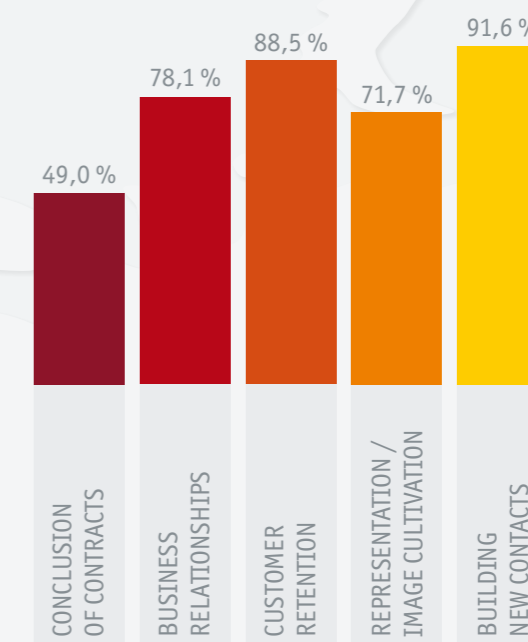
THE MOST IMPORTANT INFORMATION ABOUT VISITORS AND EXHIBITORS AT A GLANCE

The main focus of the trade fair are the topics of energy services, information technologies and energy trading. Furthermore in the Smart Energy Area, numerous exhibitors were presenting to the main topics renewable energy, storage, energy efficiency and intelligent technologies.

E-world is used in equal measure by visitors to establish new business contacts, foster current customer relations, and exchange experiences and information. Around 90 % of visitors to the trade fair were particularly satisfied with the innovations on offer.



RANGE OF EXHIBITORS



PARTICIPATION AIMS

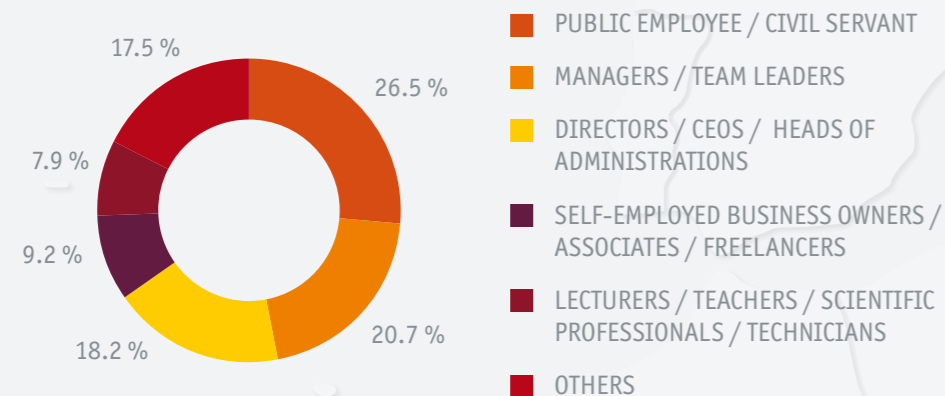
EXHIBITORS

DETAILS

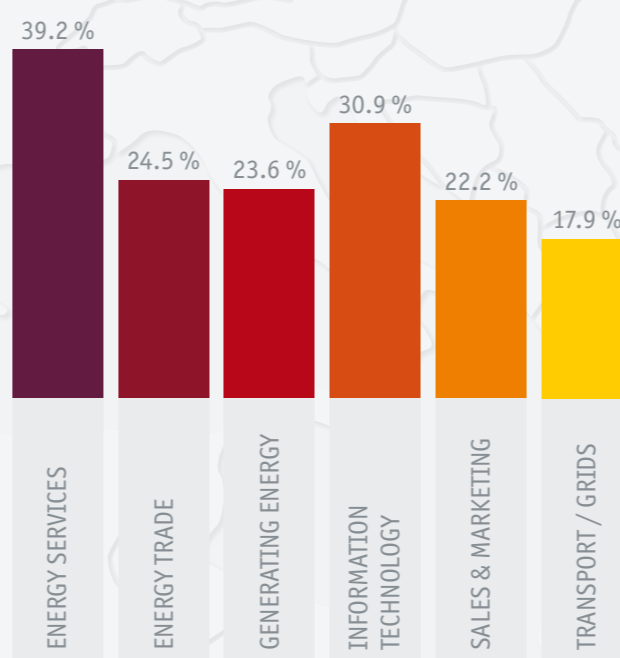
Further information can be found at:

[Exhibitor inquiry](#) (Online PDF)

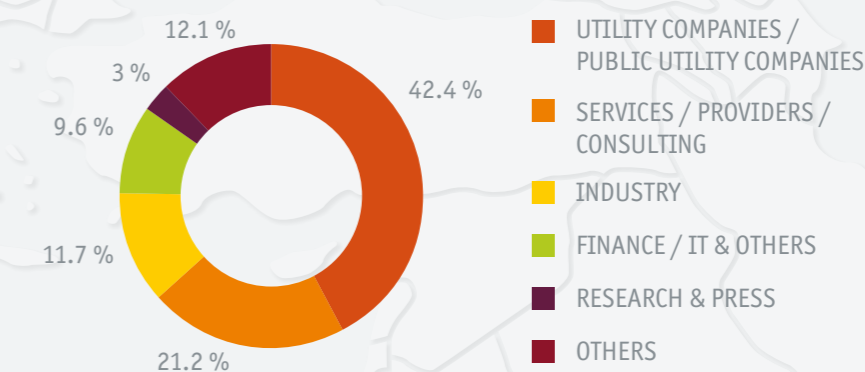
[Visitor inquiry](#) (Online PDF)



CAREER BACKGROUND



INTEREST IN OFFERS



VISITOR STRUCTURE

VISITORS

SMART ENERGY

RENEWABLE, EFFICIENT
AND INTELLIGENT





RENEWABLE, EFFICIENT AND INTELLIGENT

THE LARGEST EXHIBITION SPACE ON THE TOPIC OF SMART ENERGY IN GERMANY

One of the hottest topics at E-world for years has been Smart Energy. Germany's largest area devoted to this topic unsurprisingly continues to grow. Over the past three years, the number of companies in this area has more than doubled: in 2017, over 150 companies exhibited their services, products and technologies. Important topics covered

have been the effective networking control of electricity generators, storage systems and consumers, as well as cyber security and energy efficiency.

In addition to exhibiting companies from the energy sector, industry and the IT sector, political associations and players also

presented themselves at the most successful joint booth concept of E-world.

If you have questions regarding the exhibition or the subject areas, please give us a call.

- 🇩🇪 GERMANY
- 🇰🇷 KOREA
- 🇫🇮 FINLAND
- 🇳🇴 NORWAY
- 🇫🇷 FRANCE
- 🇦🇹 AUSTRIA
- 🇬🇧 UK
- 🇨🇭 SWITZERLAND
- 🇮🇱 ISRAEL
- 🇪🇸 SPAIN
- 🇯🇵 JAPAN
- 🇺🇸 USA

EXHIBITORS FROM 12 COUNTRIES

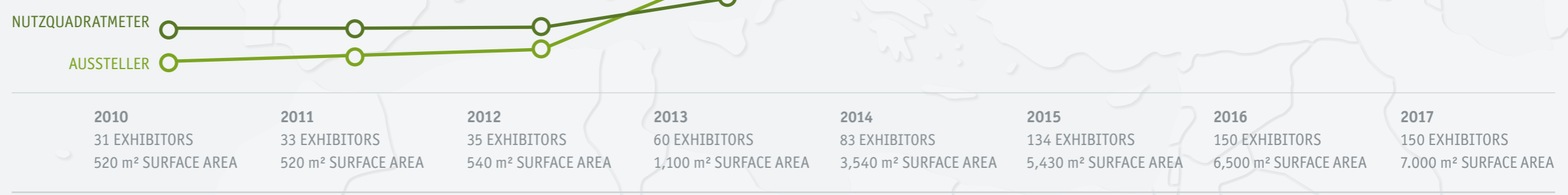
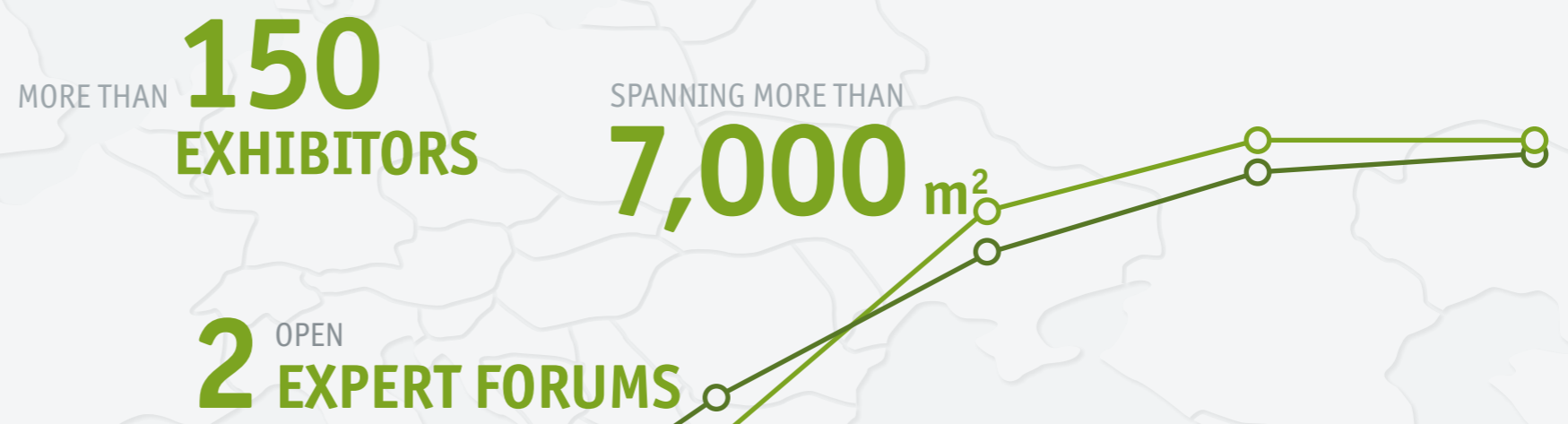
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DETAILS

Further information can be found at:
smartenergy.e-world-essen.com/en



PROGRESSION OF EXHIBITOR FIGURES AND SQUARE METRES USED



SMART TECH & ENERGY TRANSITION

TWO EXPERT FORUMS ON KEY ISSUES OF THE NEW ENERGY AGE

The politically important Energy Transition Forum in 2016 focused on new business models, direct marketing of renewable energy and the market designs in Germany and France, as well as storage, as an option providing greater flexibility. There was also a start-up panel for the first time, in which young companies were able to present their innovative ideas and business models under the slogan "Smart Green Future".

The Smart Tech Forum, by contrast placed an emphasis on technical matters, such as network technology and control, smart grids and the challenges in the rollout of smart metering systems. The topics of data and added value were also an important part of the programme, as well as the constantly growing importance of virtual power plants, IT security and Big Data.

ENERGY TRANSITION FORUM

E-MOBILITY

STORAGE

NEW BUSINESS MODELS

NEW PROMOTION MECHANISMS

ENERGY MANAGEMENT

FLEXIBILITY OPTIONS

SMART TECH FORUM

SINTEG

PILOTPROJEKT EINSPARZÄHLER

SMART METER

ENERGY EFFICIENCY

CYBER SECURITY

BIG DATA

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DETAILS

Further information can be found at: [2017 programme](#) (Website)

63 EXPERT PRESENTATIONS

WITHIN THE FRAMEWORK OF THE ENERGY TRANSITION AND SMART TECH FORUM

2^{OPEN} EXPERT FORUMS

38 DEBATE PARTICIPANTS

ACROSS **10 PODIUM DISCUSSIONS**

MAIN TOPICS OF THE EXPERT FORUMS





E-WORLD INNOVATION

EXPERIENCE TODAY THE
ENERGY WORLD OF TOMORROW





E-WORLD INNOVATION

EXPERIENCE TODAY THE ENERGY WORLD OF TOMORROW

Newly founded companies set new impulses with innovative business models in many areas of the energy industry. In order to further promote this potential, E-world 2017 opened up a new topic area called Innovation. Here, founders and young companies had the opportunity to make important contacts with investors and representatives of the energy industry. The topic area Innovation combines the joint booth for young and innovative companies, the joint booth "E-world meets Start-ups" as well as the exhibitors of the area for science and research.

The new topic area was supplemented by a varied program. Various expert tables and workshops were held. In addition, the "Business Speed Dating" celebrated its premiere. The aim of the speed dating: to initiate co-operations between start-ups and investors or companies. The Start-up Speed Dating was organized by con|energy and the innovation network energieloft.

- 🇩🇪 GERMANY
- 🇳🇴 NORWAY
- 🇫🇷 FRANCE
- 🇦🇹 AUSTRIA
- 🇬🇧 UK
- 🇨🇭 SWITZERLAND
- 🇮🇱 ISRAEL
- 🇪🇸 SPAIN
- 🇳🇱 NETHERLANDS
- 🇨🇪 CZECH REPUBLIC

EXHIBITORS FROM 10 COUNTRIES

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DETAILS

Further information can be found at: [Innovation](#)

75 EXHIBITORS

REPRESENTING YOUNG & INNOVATIVE, START-UPS AND SCIENCE & RESEARCH

200 BUSINESS SPEED-DATING PARTICIPANTS

1,700 m² EXHIBITION AREA

960 BUSINESS SPEED-DATES





INNOVATION FORUM

NEW BUSINESS MODELS & IDEAS FOR THE ENERGY FUTURE

The topic area Innovation was supplemented by an open expert forum. In the forum, the visitors experienced a varied program covering the topics of founding and innovation. Industry expert presented new business models, concepts and ideas for the energy future. In addition, these new concepts were discussed intensively in panel discussions. Numerous start-up pitches gave young companies the opportu-

nity to present themselves and to discover possible business partners at the investor pitches.

Partners of the forum were the Weltenergieerat Deutschland e.V., the digital association Bitkom, InnoEnergy as well as Adlershof Accelerator A² Energy and the Bundesverband Deutsche Startups e.V.



OVERVIEW OF THE KEY FOCUS AREAS

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DETAILS

Further information can be found at:
[Programm 2017](#)





YOUNG, INNOVATIVE COMPANIES

START-UPS AND NEWCOMERS ARE WELCOME

In 2018 the German Federal Ministry for Economic Affairs and Energy is again helping young companies to participate in the trade fair. In this way, start-ups and small to medium-sized companies have the opportunity to introduce their products on attractive terms to an international professional audience.



aufgrund eines Beschlusses des Deutschen Bundestages

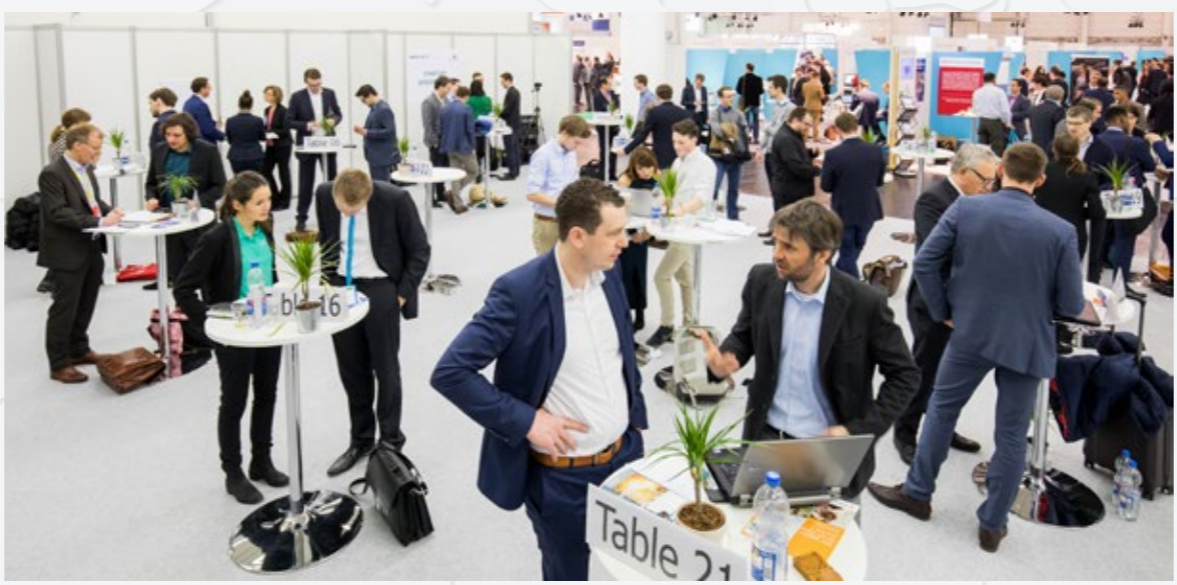
Participation is supported on a joint 700 m² stand. The German Federal Office for Economics and Export Control (BAFA) pays 60 % of the overall costs for a total of 30 stand areas. A generously proportioned meeting area and catering for participating exhibitors is also available.

New companies with innovative products and their registered head office in Germany are entitled to participate. Details of exact requirements can be found in the adjacent summary.

If you are interested in taking part, please get in touch. We are happy to provide advice and support.

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SINCE 2009 OVERALL **3,750 m²** EXHIBITION AREA

SINCE 2009, A TOTAL OF **141 COMPANIES SUPPORTED**

SPONSORSHIP

COMPANIES PARTICIPATING IN THE TRADE FAIR WILL BE SPONSORED BY UP TO 60 % BY BAFA

A TOTAL OF THREE TRADE FAIR ATTENDANCES ARE POSSIBLE

REQUIREMENTS

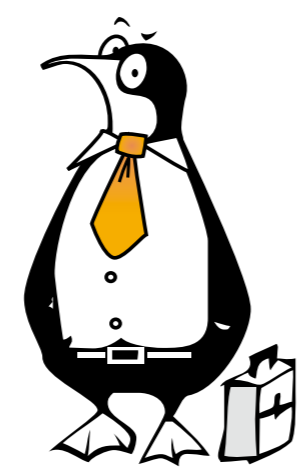
- INNOVATIVE PRODUCTS
- HEAD OFFICE IN GERMANY
- LESS THAN 10 YEARS OLD
- ANNUAL TURNOVER OR BALANCE SHEET BELOW 10 MILLION EURO
- LESS THAN 50 EMPLOYEES



THE CAREER FORUM FOR THE ENERGY INDUSTRY

FIND YOUR EMPLOYEES OF TOMORROW

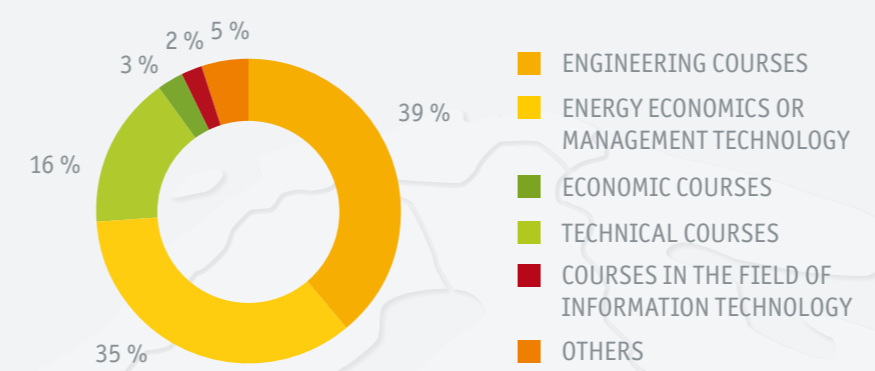
The career forum at E-world energy & water brings students and graduates together with companies. The career forum traditionally takes place on the third day of the trade fair. It concentrates on job and career opportunities in the energy industry. This leads to specifically targeted, professional communication between companies, graduates and young professionals. These personal discussions enable all questions on job applications, starting work and career opportunities to be answered. Universities and other institutions also present themselves and their undergraduate and graduate courses. The career forum is the ideal place to make contacts, build up a network and fill specific vacancies.



If you have an interest in the Career Forum, please get in touch. We look forward to your participation.

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AREA OF STUDY

- | | |
|-------------|-----------|
| GERMANY | JAPAN |
| SWITZERLAND | MACEDONIA |
| UK | VIETNAM |
| EGYPT | |

PARTICIPANTS FROM 7 COUNTRIES



CONGRESS

25 CONFERENCES

2,000 CONFERENCE PARTICIPANTS

150 SPEAKERS





THE CONGRESS

THEMATICALLY VARIED PROGRAMME
CONTINUES INTERNATIONAL TREND

Within the framework of E-world, a three-day expert congress awaits visitors and exhibitors, comprising conferences, seminars and workshops revolving around various topics in the energy sector. Renowned experts from politics, business and science give presentations and discuss the challenges for the energy industry of tomorrow, the latest developments in the fields of sales and trading, as well as current legal issues.

The congress is therefore seen as providing an impetus and a discussion platform for the entire energy industry, involving international and European topics and speakers. The intensification of collaboration with scientific research institutions, and reports from practical applications also point this way.

25
CONFERENCES

2,000
PARTICIPANTS

20
MODERATORS

150
SPEAKERS

30.5%
SHARE OF
INTERNATIONAL
VISITORS



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- | | | | | |
|-----------|---------|-------------|-------------|---------|
| AUSTRALIA | FINLAND | ITALY | AUSTRIA | SPAIN |
| BELGIUM | FRANCE | JAPAN | RUSSIA | HUNGARY |
| CHINA | UK | LUXEMBURG | SWEDEN | USA |
| DENMARK | IRELAND | NETHERLANDS | SWITZERLAND | |
| GERMANY | ICELAND | NORWAY | SERBIA | |

PARTICIPANTS FROM 23 COUNTRIES





FOCUS ON

DIGITAL BUSINESS MODELS AND ENERGY MARKETS

In 2017, the congress focused on issues relating to the international and European energy sector. The focus was on energy trading and developments on the energy markets. The international electricity and gas market conference offered cross border perspective on current political and economic developments. Other events were devoted to energy law, electricity trading and risk management.

IT Security, smart energy services and intelligent infrastructure are gaining momentum. Therefore, the issue of digitization was also the focus this year. Events for smart cities, customer loyalty and digital sales supplemented the congress program.

The congress program will be available online from October. If you have any questions, we would be happy to assist.

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DETAILS

Further information can be found at:
[2017 programme](#)



OVERVIEW OF THE KEY FOCUS AREAS





DAY OF THE CONSULATES





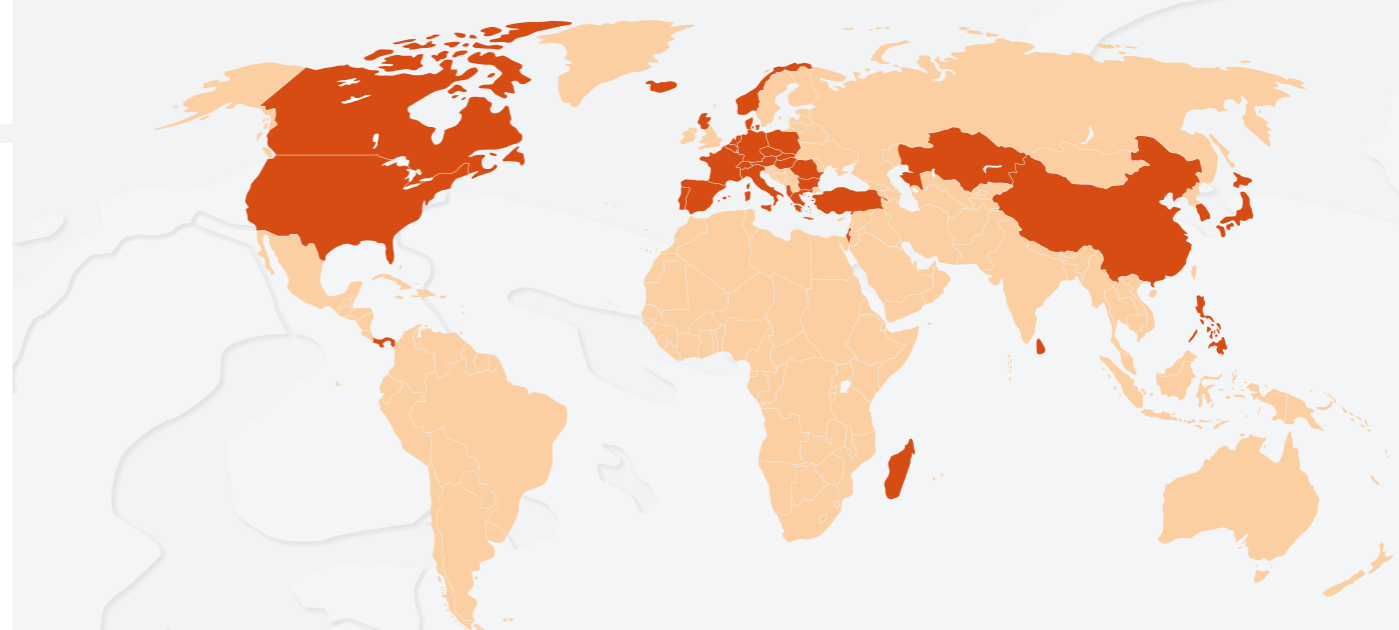
DAY OF THE CONSULATES

INTERNATIONAL DELEGATIONS AT E-WORLD

The "Day of the Consulates" has traditionally taken place on the first day of the trade fair since 2009. As an integral part of the framework programme for E-world energy & water, the event is aimed at international representatives such as ambassadors, general consuls, consuls, economic attachés and the staff of development agencies and chambers of commerce. During the morning session, the participants are informed about challenges and opportunities in environmental protection, the field of renewable

energy, and the progress of the energy transition. After a shared lunch, participants are given the opportunity to contact exhibiting companies on a diverse range of topics during two guided tours of the trade fair. The participating companies present their portfolios and reference projects to the visitors, and then take the opportunity for a mutual exchange of ideas.

If you are interested in taking part in the Day of the Consulates, please get in touch.



DELEGATIONS FROM
32 COUNTRIES

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AROUND **75** INTERNATIONAL REPRESENTATIVES
AMONGST OTHERS AMBASSADORS,
GENERAL CONSULS AND CONSULS





WWW.E-WORLD-ESSEN.COM