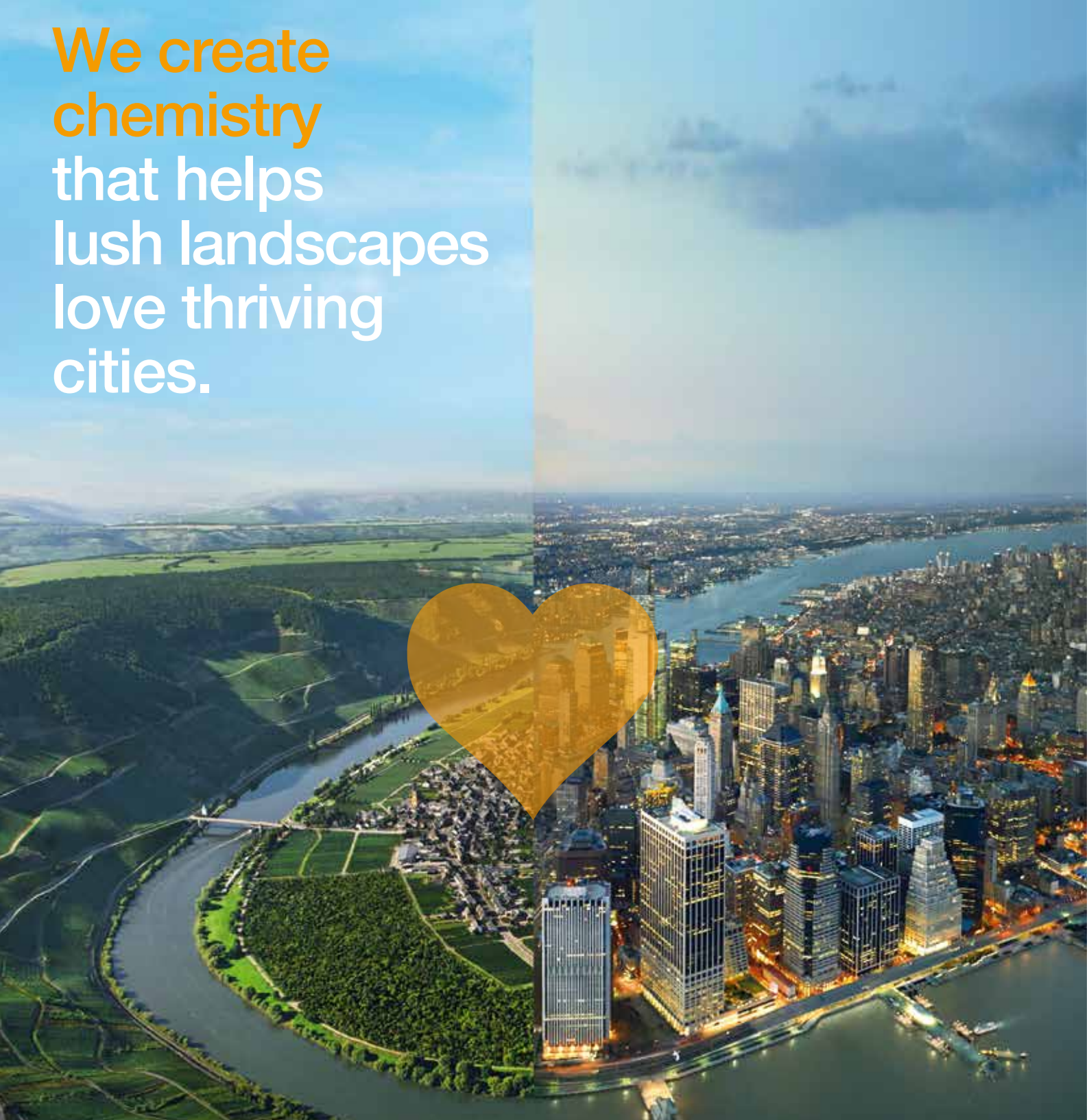




Arab-German Yearbook 2017

Construction and Consulting

We create
chemistry
that helps
lush landscapes
love thriving
cities.



The construction industry currently accounts for about half of the world's consumption of energy and resources. It's a substantial amount - but it can be reduced, if you just add the right chemistry.

We've developed a number of solutions that make construction more mindful of the environment and buildings that are more durable and efficient throughout their life cycle. The result is that new developments are less taxing on our finite resources in the short and long term.

When we can build more while using less, it's because at BASF, we create chemistry.

To share our vision visit wecreatechemistry.com

 **BASF**

We create chemistry

Arab-German Yearbook 2017

Construction and Consulting

Table of Contents

Prefaces

Dr. Peter Ramsauer, Abdulaziz Al-Mikhlaifi	5
--	---

ICT Innovation and Intelligent Solutions 7

How digitalization is shaping smarter cities Siemens Middle East and UAE	8
--	---

Building the World's First 3D printed office BASF	14
---	----

Urban Mobility 19

Gerber Architekten have undertaken designs for many metro stations in the Kingdom of Saudi Arabia – in particular for the Holy City of Makkah Gerber Architekten	20
--	----

Transforming Urban Mobility in Riyadh AS+P Albert Speer + Partner GmbH	26
--	----

Hydrogen Economy for Arab Countries - Urban power station of the future for electric mobility with hydrogen gas, fuel cells and batteries ICEPS - CTC Bonn	32
--	----

Urban Building and Public Space 39

The German construction value chain stands for quality, innovation and sustainability Dorsch Holding GmbH, BAUER Spezialtiefbau GmbH, HOCHTIEF ViCon Qatar W.L.L	40
--	----

Showcase for a Contemporary Government Building: New Ministry of Commerce and Investment in Riyadh AS+P Albert Speer + Partner GmbH	46
---	----

Al Sheera – The New DEWA Headquarters in Dubai OBERMEYER Corporate Group	52
--	----

The growing Oasis in Al Ain OBERMEYER Corporate Group	56
---	----

Special Topics 61

Towards Better Infrastructure For Growth: Business Opportunities are Enormous in Africa, Egypt
| EITEP 62

Letters of Guarantee in Qatar | Squire Patton Boggs LLP 66

About Ghorfa 70

Contributing Companies and Institutions 74

Imprint 81

Preface

We proudly present the seventh edition of the Arab-German Yearbook “Construction and Consulting”. The ground-breaking construction projects presented in this publication underline how successful Arab-German business relations in the construction and infrastructure sector are.

Arab-German economic cooperation has witnessed positive developments over the last years, since Germany has significantly supported important strategic projects in several Arab countries. This is exemplified by the execution of infrastructure projects in GCC countries, as well as in sustainable environmental and energy projects in North Africa. According to recent estimates, the Arab countries have invested around EUR 100 billion in the German economy over the last decades. Trade volume has more than doubled since 2002, reaching around EUR 50 billion in 2016. Mega-projects in the GCC will reach USD 1 trillion by 2030, according to the EC Harris report “Middle East Major Construction Programmes”. This very encouraging development of business relations is further strengthened by the active political support from both sides.

Due to the growth of the Arab population the need for sustainable, safe and intelligent city-concepts, including the creation of new places of residence is increasing. This is why this year the publication sets its focus specifically on urban development topics. Different chapters want to focus on the idea of a “smart-city”.

Arab countries see German companies as reliable partners with respect to design and implementation of projects. Due to their unique and globally renowned experience and know-how, German engineers, architects and constructors have a considerable impact on the construction sector in the Arab world. Jointly accomplished projects illustrate the continuing intensification of cooperation between Arab and German partners. The increasing attention for cooperation is also reflected by the success of the Arab-German Business Forum, which is organized by the Ghorfa for the 20th time this year.

We would like to thank the numerous German companies for their valuable contributions, Ms. Tatjana Arnold for her commitment and dedication to the publication and also Mr. Fadhl Al-Romaima for layout and design. We hope you enjoy reading this book and wish you inspiration for further reference projects.



Dr. Peter Ramsauer



Abdulaziz Al-Mikhlaflafi

Dr. Peter Ramsauer
President
Federal Minister ret.

Abdulaziz Al-Mikhlaflafi
Secretary General

» Populations are expanding rapidly and the resulting challenge for energy, transport and housing - not to mention the environment – is one that must be met with intelligent solutions. [...] Our future cities will run on operating systems; connected transportation, power grids, buildings and peripheral technologies like e-cars will all contribute data to cloud-based systems for analysis, shaping and personalizing our infrastructure around us. «

Dietmar Siersdorfer, CEO, Siemens Middle East and UAE



ICT Innovation and Intelligent Solutions



© Siemens

How digitalization is shaping smarter cities

Siemens Middle East and UAE

Dietmar Siersdorfer, CEO of Siemens Middle East and UAE, discusses how digital technologies and data analysis are bridging the gap between the virtual and physical worlds, fundamentally changing the way we build, manage and interact with our urban infrastructure

Imagine a world where an app uses the weather forecast to plan your journey to work. Where your office doesn't just use energy, but generates it. Where your electric car is part of the city's power grid, and where your house knows exactly what time you'll be home.

Our infrastructure isn't built for us. It's functional, of course, in the same way that any car will get you from A to B. But it's not personal. As we would select a car based on our individual preferences, so too will our city infrastructure be molded around our needs.

And it has to be. Already more than half of us live in cities. By 2050 more than two-thirds of us will be living in urban areas and while urbanization is not a new phenomenon, it is significant. By 2030 more than USD 50 trillion will need to be invested in city infrastructure globally to keep pace with GDP and population growth. The Middle East is not immune: populations are expanding rapidly and the resulting challenge for energy, transport and housing - not to mention the environment - is one that must be met with intelligent solutions. As our cities grow, the way we build, manage and interact with

Building the World's First 3D printed office

BASF

3D printing is evolving rapidly with innovative applications appearing almost every day. Last year, Dubai unveiled its 3D Printing Strategy, which calls for 25% of buildings in Dubai to be constructed using 3D printing technology by 2030. It is expected that the use of 3D printing in Dubai's construction sector will increase by 2% starting in 2019.

A month after the strategy was officially announced, Dubai completed the world's first 3D-printed office, covering 250 square meters and an exterior design that reflects the most innovative forms of the future work place. The 3D office, next to Dubai's landmark Emirates Tower premises, serves as the temporary home of the Museum of the Future and was inaugurated by His Highness Sheikh Mohammad Bin

Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai.

The building is made of 3D printed concrete and other building materials and was assembled in 17 days with the involvement of different architects, consultants and suppliers like BASF.

The 3D office is the first major project undertaken by Dubai's 'Museum of the Future', a museum that began construction in 2016, with the promise that 3D printing will be utilized in its creation. © BASF



مكتب المستقبل

أول مكتب مطبوع بتكنولوجيا طباعة 3D في العالم
المقر المؤقت لمؤسسة دبي للمستقبل
#DubaiFuture

Office of the Future

World's First 3D Printed Office
Home of the Dubai Future Foundation
#DubaiFuture

» The limited availability of resources is becoming ever more apparent and requires new ideas on the further development of the city. [...]The key goal of a smart city approach is to achieve more efficiency in the use of resources, and urban mobility is one of the major factors to be addressed. «

Joachim Schares, Managing Partner & Ron Reck, Project Director, AS+P Albert Speer + Partner GmbH



Urban Mobility

Gerber Architekten have undertaken designs for many metro stations in the Kingdom of Saudi Arabia – in particular for the Holy City of Makkah

Gerber Architekten

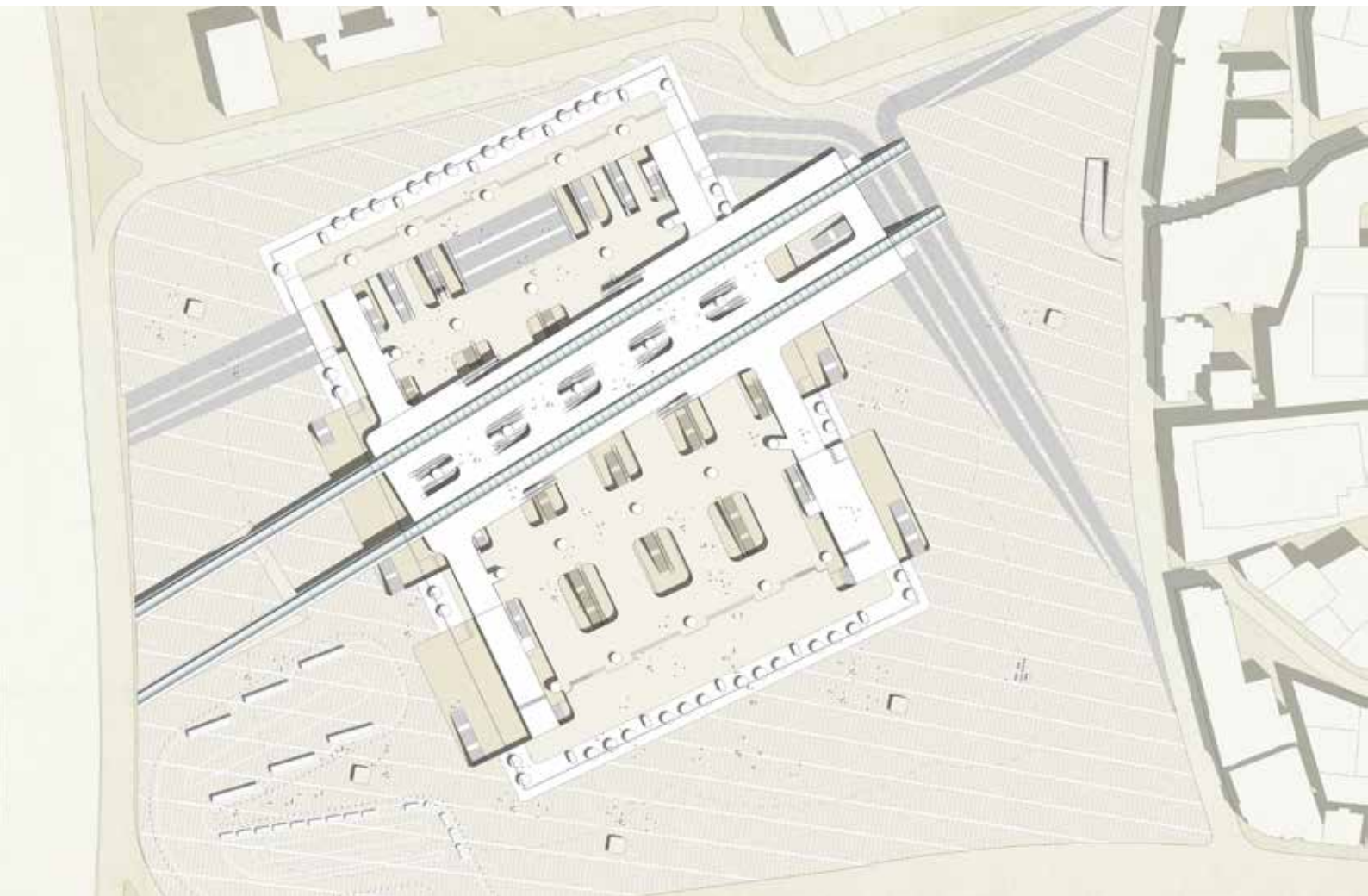
Our designs are developed from the functional demands of transit systems to provide clear layouts with optimized people flow. The different cities and the different briefs produced very different results. In Riyadh, the modern capital of the nation, we adopted a very rational and technological approach. In Makkah, visited by Muslim pilgrims from all of over the world, we paid tribute to the heritage of Islamic culture.

Haram Intermodal Station, Makkah

The Saudi Council of Ministers recently approved and gave the green light to four new metro lines for the Holy City of

Makkah. Makkah is the third largest city in the Kingdom of Saudi Arabia with a resident population of around two mil-

Haram Intermodal Station: Site Plan © Gerber Architekten





© AS+P Albert Speer + Partner GmbH, visualization: HHVISION

Transforming Urban Mobility in Riyadh

AS+P Albert Speer + Partner GmbH

This article shines a light on how urban mobility in Riyadh is set to change. It highlights the driving forces behind this change and illustrates two projects by AS+P Albert Speer + Partner GmbH, that will help to transform the car-oriented set-up of Riyadh, towards smarter modes of transport, including public transport, walking and cycling.

Background

Saudi Arabia's capital Riyadh, like most cities in fast-developing countries, faces one of the biggest challenges of the 21st century, namely rapid urbanization. More and more people are moving into the city looking for work and education.

The population of Riyadh has grown from just 500,000 in 1972 to 5.9 million in 2013; on average more than 6% annually. Estimates predict continuous annual growth of between 4 and 5%.



Hydrogen Economy for Arab Countries

Urban power station of the future for electric mobility with hydrogen gas, fuel cells and batteries

ICEPS - CTC BONN

The Bonn Climate Project combines renewable energy and sectoral coupling projects for developing countries, especially in rural areas. German solar and renewable energy off grid technologies are based on low and zero carbon gases; bio hydrogen gas and bio methane gas from local and natural resources in combination with gas motors and gas fuel cells for universal use in households, for mobility and for industrial use as a feedstock

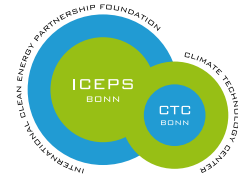
Renewable energies throughout the world are off grid using four elements: fire, water, air and earth.

Green electric power and green hydrogen can be manufactured suitably and everywhere and can be used in combination for power, heat, all types of transport and mobility; residential use and industry (as a raw material) and even for drinking water production.

Decentralized, as well as in an existing supply network such as gas, and electricity and heat, by feeding green hydrogen

and/or green electricity into the different grids. Also by additional heat which is produced as a by-product in fuel cells during electricity production, and which can be fed into a heating grid.

The use of valuable water which is produced instantly and is an addition in fuel cells by the chemical reaction of hydrogen and oxygen is a valuable asset in many dry regions of the world: green hydrogen and green electricity from the four elements.



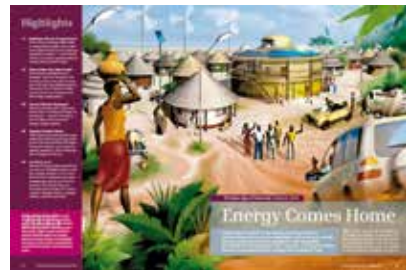
BONN CLIMATE PROJECT

Energy is the source for life, food, business, development, health, information and transportation. The constantly raising energy prices are threatening billions of people around the world and prevent growth and stability. Unrest and poverty rule.

In order to provide solutions for emerging countries, who are in urgent need for clean and affordable energy, decentralized and holistic gas-electric energy systems based on renewable and sustainable energies need to be available.

The SCOPE OF WORK OF THE BONN CLIMATE PROJECT

Providing renewable, sustainable innovations & technology transfer based on clean natural and hydrogen gases, Gasmotors and Fuel Cell Systems, Natural- and Hydrogen Gas Technologies & Energies of the Future.



BONN CLIMATE PROJECT – FOR A HEALTHY FUTURE

Research & Development of alternative Energy-, Environment-, Security-, Health-and Mobility-Concepts based upon renewable and green/clean energies. Electric appliances and mobility by batteries, Biogas, Hydrogen gas/fuel cells, gas batteries, hybrids and energy & environmental technologies of the future.

With 2000 years of continuously grown history, perfect infrastructure, leading scientific research and international competence, BONN is the ideal city in Germany for fast development of international energy solutions and environmental development.



BONN – The Science- and United Nations City.

For sustainable development worldwide – creating tomorrows potential.

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 facebook iceps ctc | info@clean-energy-bonn.org | heinzsturm@clean-energy-bonn.org

» German architects, consulting engineers and construction companies have earned over the past decades, an excellent international reputation based on their engineering capacity and high-quality project management skills and strengths in developing innovative solutions. This includes areas of digital and sustainable construction. «

Hany Labib, Director External Operations, Dorsch Holding GmbH



Urban Building and Public Space



The German construction value chain stands for quality, innovation and sustainability

Dorsch Holding GmbH | BAUER Spezialtiefbau GmbH | HOCHTIEF ViCon Qatar W.L.L.

State-of-the-art consultancy and construction with 3-D Building Information Modelling (BIM) for Lusail city development in Qatar

As the global economy and population is growing, an increasing number of the world's population is in need of adequate housing, modern commercial, cultural properties and facilities; sustainable, social infrastructure; long-lasting transport networks and an efficient water and energy supply. Whilst Western industrialised societies have primarily to cope with the consequences of demographic change and aging infrastructure, emerging and developing nations need to manage their growing industrialisation and urbanisation. All countries face the common challenges of climate change and global warming. Hence, the construc-

tion sector is not only in demand to provide cost-efficient solutions and to meet the complex demands of international clients, but as any other industry, it is required at the same time to protect and conserve natural resources to "green", its operations and to provide its services in an eco-friendly manner. This is an integrated task that demands accountability and a high level of competence from the German construction value chain.

German architects, consulting engineers and construction companies have earned over the past decades, an excel-



The Ministry's welcoming entrance plaza, seen from the MCI Business Park © AS+P Albert Speer + Partner GmbH, visualization: HHVISION

Showcase for a Contemporary Government Building: New Ministry of Commerce and Investment in Riyadh, KSA

AS+P Albert Speer + Partner GmbH

The MCI Business Park, planned by AS+P in cooperation with its local partner Saud Consult in 2014, is set to be an attractive government and mixed-use development. The new Ministry of Commerce and Investment headquarters is the iconic eponymous landmark located at the gates of the business park. With its contemporary yet timeless architecture, the new MCI HQ is inspired by the Ministry's forward-thinking, innovation-leading spirit and dignified understatement; a showcase of what a contemporary government building could be.

Urban Context

The site area of approximately 19 ha is located within eyeshot of the King Abdullah Financial District, at the grand intersection of Prince Turki Ibn Abdulaziz Al Awwal Road and Imam Saud Ibn Abdulaziz Road, and in the vicinity to the King Saud University and the Com-

munications and Information Technology Commission HQ.

As a future landmark development within a dynamic part of the city of Riyadh, the MCI Business Park aims to stand out with its smart, sustainable and quality design and landscaping and architecture. It is set to be an attractive new location



© grid-m

AL SHERAA – THE NEW DEWA HEADQUARTERS IN DUBAI

OBERMEYER Corporate Group

OBERMEYER Corporate Group is developing the concept of the world's largest and tallest Zero Energy Building in Dubai. The new headquarters of DEWA, the Dubai Electricity and Water Authority, is called "Al Sheraa" and will become both a symbol of the UAE's prowess and an icon of sustainability.

concept idea

"Al Sheraa" or the "Sail" has been a cultural symbol of the Emirates ever since they became a seafaring community. Pearl diving, fishing, and trading have all depended on wind-powered fishing dhows. Their prominent white sails have always dotted the waters of the Gulf.

In this particular case the "Sail" is also a symbol of sustainability and renewable energy, as it is the element that col-

lects the energy the building will need in order to operate. The entire design is committed to a sustainable lifestyle and behaviour. Cutting-edge technologies and innovative solutions will be used to achieve these objectives.

design objectives

The design of the building under the "Sail" was inspired by the traditional houses used in the Emirates, where various enclosed spaces overlook an open courtyard. The courtyard



THE GROWING OASIS IN AL AIN

OBERMEYER Corporate Group

OBERMEYER Corporate Group has designed an award-winning 700-bed hospital in Al Ain and is currently supervising the construction of the project. The design of the facility combines the friendliness of an oasis village with a state-of-the-art medical facility and the comfort of hotel amenities. It reflects the client's ambition to become a leading healthcare provider in the region and beyond.

concept idea

Al Ain is an oasis city located at the foot of the mountain range between UAE and Oman. The design of the hospital

has been inspired by local building structures with small-scale houses and extensive green spaces. The new clinical centre - the "healing oasis" - reflects this omnipresent oasis theme, while being mindful of the need for privacy and sophistication.

» By 2050 more than two-thirds of us will be living in urban areas and while urbanization is not a new phenomenon, it is significant. The Middle East is not immune: populations are expanding rapidly and the resulting challenge for energy, transport and housing - not to mention the environment – is one that must be met with intelligent solutions. As our cities grow, the way we build, manage and interact with urban infrastructure becomes progressively critical to economic and social development.«

Dietmar Siersdorfer, CEO, Siemens Middle East and UAE



Special Topics

Towards Better Infrastructure For Growth: Business Opportunities are Enormous in Africa / Egypt

EITEP

The Euro Institute for Information and Technology Transfer, EITEP, is based in Germany, and takes the growing stabilization in Egypt and other countries in Africa and the Middle East as an occasion to organize an exhibition, with a conference devoted to exchange latest technologies on pipeline, pipe and sewer systems. Topics include the security of existing systems and building new systems.

With an annual growth of 4.3% between 2016 and 2020, Africa will be the second-fastest growing region in the world, according to the International Monetary Fund IMF. The hitherto deceleration in Africa's growth has been concentrated into three regions – the northern African coun-

tries who are rebuilding after the Arab Spring, the Middle East and the central African countries. Now fortunately years after the Arab Spring uprisings began, Egypt, Jordan, Morocco and Tunisia have regained reasonable levels of political stability.

Poster for Pipeline - Pipe - Sewer - Technology Conference & Exhibition. The poster features a colorful skyline of Cairo, Egypt, with various buildings and domes. Text on the poster includes: "Pipeline - Pipe - Sewer - Technology Conference & Exhibition on Oil, Gas, Water and Waste Water Transportation in Africa, Middle East and South Asia", "Cairo, Egypt 17-19 Sept. 2017", "FIRST ANNOUNCEMENT / CALL FOR PAPERS", "an IITEP event", "Local Partner JAHK", and "WWW.PIPELINEPIPESEWER.COM". Logos for Mr. Tarek El Halla and Dr. Hossain Kamal Hammad Muhammad are also present.

Call for Papers of the international "Pipeline-Pipe-Sewer-Technology Exhibition & Conference, PPST" © EITEP

Egypt as an economic hub is the binding site between Africa, the Middle East and the industrialised countries and has already attracted considerable foreign investments - also for the infrastructure - which signals above all also great confidence in the Egyptian economy. It is an enormous chance for foreign industries to be in the very beginning of the development.

With the Suez Canal, which was now expanded by Egyptian funds of US-\$ 8 billion in just one year, the role of Egypt as a hub has been strengthened. The Suez Canal Economic Zone attracts companies from China, Russia, France and Italy on its corridor.

Diversifying the Economy in Egypt

The aim in Egypt is to realize its long term vision of diversifying the economy and to intensify its role as one of the principal centres for economy in Africa. In order to realize this aim, investments, experienced partners and proven technologies are required. These are found primarily in industrialized countries.

In order to organise the 1st international exhibition and conference under the title "Pipeline-Pipe-Sewer-Technology, PPST", 17-19 Sep 2017, EITEP cooperates with the German-Arab Chamber of Industry and Commerce (GACIC)



Letters of Guarantee in Qatar¹

Squire Patton Boggs (MEA) LLP

This article will focus on the legal position relative to letters of guarantee in Qatar and provides practical guidance when calling up a letter of guarantee

When undertaking construction and infrastructure projects in Qatar, it is customary for contractors, subcontractors and consultants to provide one or more forms of security. The most common form of security required is a letter of guarantee (often referred to as a “performance bond”) for approximately 10% of the contract sum.²

For the purposes of this article, the “guarantor” is the party issuing the letter of guarantee (i.e. the bank); the “beneficiary” is the party named in the letter of guarantee as the party who would receive sums in the event of a demand; and the “debtor” is the party who procured the letter of guarantee.

1) This paper refers to the laws of Qatar, but does not seek to proffer any legal opinion as to the effects of those laws. It is also important to highlight that all laws, regulations, decisions and decrees issued in Qatar are in Arabic, and there are no official translations into any other language. Accordingly, all references to Qatari law in this paper are based on unofficial English language translations in our possession.

2) Which figure may adjust (depending on the contract terms) if the value of the underlying contract increases or decreases due to variations to the scope of works or services.

Ghorfa

BUILDING BRIDGES
BETWEEN GERMANY
AND THE ARAB WORLD



Ghorfa Arab-German Chamber of Commerce and Industry

About us

The Ghorfa Arab-German Chamber of Commerce and Industry is the competence center for business relations between Germany and the Arab world. It was founded in 1976 and since 1 August 2000, it is located in Berlin. The Board of Directors and the Executive Board equally consist of German and Arab members. This guarantees balance and mutual trust. Not only major German and Arab enterprises are among our members, numerous small and medium-sized enterprises complete our topclass network.

Our network

The Ghorfa operates under the umbrella of the Union of Arab Chambers and represents all Arab Chambers of Commerce and Industry in Germany. Our chamber works closely with the Arab embassies in Germany, the Arab League, and related governmental bodies in Arab states. It is part of the worldwide organisation of Arab-Foreign Chambers of Commerce and Industry. The Ghorfa cooperates with German governmental bodies on federal and regional levels, as well as the most important German industrial associations.



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Internet: www.ghorfa.de

What we do

We actively promote and strengthen business relationships among our members and within the wider Arab and German business community. We pave the way for stronger business cooperation in the fields of trade, industry, finance and investment between Arab and German business partners. Strategic partnerships based on mutual benefit and understanding create new business opportunities to facilitate economic benefits for both sides. We therefore mainly focus on networking, communication and on providing information about relevant economic and industrial developments.



Building Bridges between Germany and the Arab World

Networking

- Quick access to decision-makers from industry and politics
- Organisation of delegation visits
- Organisation of events, conferences and further contact platforms (e. g. German-Arab Business, Energy, Tourism, Health, Education and Vocational Training, Forum)
- Ghorfa joint booths at major Arab and German trade fairs
- Promoting member services and products to a wider business community

Consulting

- Connecting with matching business partners
- General and business-related intercultural consulting
- Country and branch specific analysis
- Mediation and arbitration in cases of business disputes
- Advice and guidance through the multitude of offers and competing products on the German and Arab market
- Comprehensive and detailed market information about Germany and the 22 Arab states
- Visa support and commercial document services

Information

- Early information about projects and tenders
- Monthly issued Arabic and German newsletters
- Quarterly bilingual business magazine SOUQ
- Arab-German Business Directory providing over 6,000 yearly updated company profiles
- Arab-German Yearbooks that focus on industry-sector specific topics
- Information on the latest economic developments, markets and sectors, legal and political background



We welcome you to become part of the high-level network that we provide for professionals and business leaders from the Arab world and Germany. Join us and share our vision of prospering Arab-German business relations. For further information concerning membership in our chamber please contact us:

Ghorfa

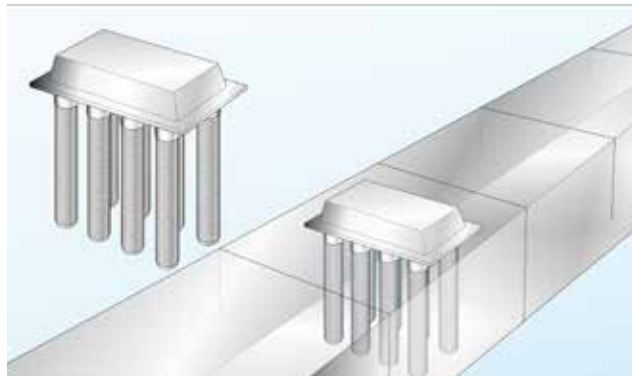
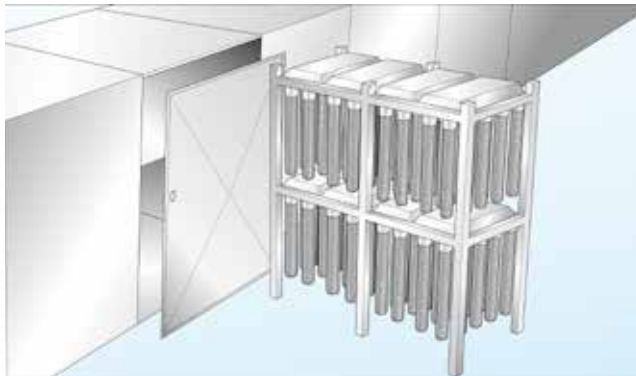
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CONTRIBUTING COMPANIES AND INSTITUTIONS

Clean Air Solutions



The installation in ventilation and air conditioning systems is conceivably easy and possible in different ways © Bioclimatic

The Bioclimatic GmbH is a company that manufactures and develops systems for the air improvement and purification without filters, chemicals or artificial fragrances. The technology is based on a process adopted from nature. With the ionic bipolar cleaning process, bioclimatic products are already employed all over the world.

By means of positive and negative ions the technology provides a fresh and odor neutral indoor air as well as a drastic reduction of bacteria, germs and molds. Furthermore, the inactivation of pollutants offers relief to people suffering from pollen allergies.

The family-owned company, based in Bad Nenndorf, manufactures exclusively in Germany since its founding in 1978. Where R&D is concerned, Bioclimatic often works together with notable scientific institutions.

Bioclimatic focusses on industrial and commercial applications such as in office and event buildings, shopping malls, airports, hospitals, as well as the food industry, etc.

Bioclimatic GmbH
Im Niedernfeld 4, 31542 Bad Nenndorf, Germany
Phone: +49 5723 9440 0 | fax: +49 57 23 9 44 0 30
Carsten.Feuerhake@bioclimatic.de | www.bioclimatic.de

CEO: Werner Schröder
Founded in: 1978

Here the company offers both decentralized solutions for indoor spaces without ducted ventilation systems and centralized solutions for the implementation in air handling units and adjoining duct works. The latter comes without pressure drop and can easily be integrated into new systems as well as retrofitted into already existing systems.

In all this Bioclimatic pays special attention to an energy-conserving operation with high sustainability and low maintenance.

For further information, please contact us at any time.



Carsten Feuerhake
Head of Sales & Marketing

Bioclimatic GmbH

AS+P

AS+P Albert Speer + Partner GmbH

AS+P combines innovative approaches in architecture, urban and transport planning and landscape architecture with over 50 years of international planning and building experience. The projects range from structural design, urban planning and urban and regional development to recreation and tourism planning, conceptual transport planning and project management. The projects also encompass the planning and specific preparation of major events and expert opinions for policy consulting.

Projects: Transforming Urban Mobility in Riyadh
New Ministry of Commerce and Investment in Riyadh, KSA

Contact: Joachim Schares, Managing Partner

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BASF

At BASF we create chemistry for a sustainable future. We offer chemicals for various industries including solutions for the construction, maintenance, repair and renovation of structures under the brand Master Builders Solutions. We draw on our specialist know-how, regional expertise and the experience gained in countless constructions projects worldwide.

Project: Innovative solutions for first world's 3D printed office - Temporary office for Museum of the Future, Dubai (UAE)

Contact: Venkatesh Ramamoorthy, Business Development Manager

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BAUER Spezialtiefbau GmbH

The core company BAUER Spezialtiefbau GmbH executes foundations, excavation pits, cut-off walls and ground improvement worldwide. Our main services are all kinds of bored piles, anchors, diaphragm and cut-off walls, as well as injections and deep vibrations. The approved quality of these production methods comes from long years of experience, qualified and continuous research.

Competent partner and sister companies and more than 40 subsidiaries add to this comprehensive range of construction services.

Project: The German construction value chain stands for quality, innovation and sustainability

Contact: Hans-Joachim Bliss, Member of the Management Board, Member of the Ghorfa Executive Committee

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Bioclimatic GmbH

The Bioclimatic GmbH is a company that manufactures and develops systems for air purification without filters, chemicals or artificial fragrances. With over forty years of experience we are one of the market leaders in this line of business. The focus of our work is the continuous improvement of the human environment through our three core concepts: clean air, sustainability, and low maintenance.

Project: Clean Air Solutions

Contact: Carsten Feuerhake, Head of Sales and Marketing

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For over 65 years, the companies of Dorsch Gruppe have been respected consulting and engineering partners for industrial clients, private investors and public institutions. The Dorsch Gruppe with more than 2,000 employees is Germany's largest independent planning and consulting company. Our experts work in a future oriented and quality conscious way for people in all Arab countries. They offer an entire performance spectrum in the fields of project development, infrastructure, architecture, airports, oil and gas, urban planning, water, transport and environment as well as asset management and operation maintenance.

Project: The German construction value chain stands for quality, innovation and sustainability

Contact: Hany Labib | Director, External Operations

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Euro Institute for Information
and Technology Transfer

The Euro Institute for Information and Technology Transfer in Environmental Protection, EITEP, was originally founded by the German technical and scientific associations on energy and water. The main objective of the EITEP Institute is to foster the international information and technology transfer in the water, energy, environment and infrastructure sector. Our institute cooperates with different federal and regional governmental ministries, institutions of higher education and our partner associations and their member companies. By means of this network in Europe, Asia, Middle East and Africa, the EITEP Institute develops and organizes international conferences, seminars and electronic journals.

EITEP – Euro Institute for Information and Technology Transfer in Environmental Protection GmbH

Project: Towards Better Infrastructure For Growth:
Business Opportunities are Enormous in Africa / Egypt

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Project: Metro stations in the Holy City of Makkah

Contact: Prof. Dipl.-Ing. Eckhard Gerber, Owner and Founder
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HOCHTIEF ViCon is a leading service provider and consultant for Building Information Modeling (BIM). ViCon advises and assists its clients in the use of intelligent 3D computer models and the associated databases in order to minimize risks early on, communicate more effectively, and save costs. ViCon assists developers and projects with sophisticated hardware and software solutions, training, tried-and-tested processes, and the provision of project specific standards.

Project: The German construction value chain stands for quality, innovation and sustainability: Lusail City Development, Qatar

Contact: Christoph Weber, Managing Director

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The Bonn Climate Project is a renewable energy and sectoral coupling project for developing countries and was founded in 1999/2000 at the presentation of „Hydra“: the world's first civilian hydrogen fuel cell boat for safe use and passenger transport, with hydrogen/fuel cell propulsion. The Bonn Climate Project bundles the combined knowledge and all the projects needed for energy generation with H² below one label. The whole idea is based on hydrogen and fuel cells and has been developed by a multitude of domestic and international experts.

ICEPS - International Clean Energy PartnerShip e.V.

Project: Urban power station of the future: for Electricmobility with Hydrogen and Fuel Cells as well as Batteries (Bonn Climate Project)

Contact: Heinz J. Sturm, Civil Engineer

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OBERMEYER Middle East was established in 2005 and has been providing specialist consultancy services to the Middle East region for over a decade. From its headquarters in Abu Dhabi it has proven its expertise across multidisciplinary projects in Healthcare, Education and Infrastructure sectors.

Project: Al Ain Hospital Al Ain (Emirate of Abu Dhabi), UAE

Project: DEWA Headquarters - Construction of New Administration Building, Dubai

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Project: How digitalization is shaping smarter cities

Contact: Benjamin Schroeder, Head of Communications,
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Project: Letters of Guarantee in Qatar

Contact: Charbel Maakaron, Doha Office Managing Partner

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