

## Programm

### Fact-finding Mission for South African Experts in the Industrial Energy Efficiency Sector

Date: 15. -18. June 2015

Location: Berlin (Germany)

#### Overview

As part of the Energy Efficiency Export Initiative, the Renewables Academy (RENAC) Ltd., on behalf of the Federal Ministry of Economics and Technology in cooperation with the German Chamber of Industry and Commerce for Southern Africa (AHK), is organizing a fact-finding mission on "Energy Efficiency in Industry"

The South African participants have the opportunity to familiarize themselves with the current German energy efficiency technology market in the form of lectures, meetings and site visits on the four-day trip. The first day of the trip will include short presentations by industry experts on the subject of energy efficiency and an overview of the current market in Germany.

On days 2, 3 and 4, the participants will have the opportunity to receive in-depth knowledge through site visits of specific projects and companies and to observe industry specific applications of technologies.

#### Target Group

The fact-finding mission is targeted at representatives of enterprises, public institutions, industry associations and research institutions that want to inform themselves on the developments and implementation of energy efficient projects and are interested in the possibility of acquiring German equipment and services in these sectors.

The German contributors will include technology providers, system operators, service providers and consultants from relevant sectors.

#### Programm

##### Monday, 15. June 2015

Individual arrival of South African participants

Optional: City tour or guided tour by Simona Paulin

Welcome Dinner: Die Schule, Kastanienallee 82, 10435 Berlin

A block reservation has been made at the following hotel (price per night about 100 Euro):

##### **Park Inn by Radisson Berlin Alexanderplatz**

Alexanderplatz 7

10178 Berlin

Germany

T: +49 30 2389-0

**Tuesday, 16. June 2015**

<b>09:00</b>	<b>Arrival and Registration of the participants</b> Renewables Academy (RENAC) AG, 1. Floor, left staircase, Schönhauser Allee 10-11, 10119 Berlin
<b>09:30</b>	<b>Welcome and Introduction of the Participants</b> <i>Christiane Vaneker</i> Project Management Export Initiatives Renewables Academy (RENAC) AG <i>Jens Hauser, Dennis Thiel</i> Southern African-German Chamber of Commerce and Industry
<b>09:40</b>	<b>Offers of the Energy Efficiency Export Initiative</b> <i>Christiane Vaneker</i> Project Management Export Initiatives Renewables Academy (RENAC) AG
<b>09:50</b>	<b>Incentives of Energy Efficiency in Industry</b> <i>Mr Lendermann</i> Federal Ministry for Economy and Energy
<b>10:20</b>	<b>Coffee Break</b>
<b>10:45</b>	<b>Energy Efficiency in the Industry – Experiences from the Consulting Sector</b> <i>Herr Weber – renervis/ EUREM Energy Manager</i>
<b>11:15</b>	<b>Energieeffizienz in Industry – Experiences from the consulting sector</b> <i>Gregor Weber</i> renervis/ EUREM Energy Manager
<b>11:45</b>	<b>Energy Management Systems in the German Industry – Application and Practical Examples</b> Thomas Waldmann Head of Energy Management, Osram GmbH
<b>12:15</b>	<b>Lunch</b>
<b>14:00</b>	<b>German Company - Enprovement GmbH</b> <i>Alexander Sovrlic</i>
<b>14:20</b>	<b>German Company II (tbc)</b>
<b>14:40</b>	<b>Coffee Break</b>
<b>15:00</b>	<b>German Company III (tbc)</b>
<b>16:00</b>	<b>End</b>

**Wednesday, 17. June 2015:**

<b>8:00</b>	<i>Bus ride to Spandau; Meeting point: Park Inn by Radisson Berlin Alexanderplatz</i>
<b>9:00</b>	<p><b>Site visit of OSRAM factory tbc</b> Nonnendammallee 44, 13629 Berlin</p> <p>OSRAM is one of the 2 worldwide leaders in lighting manufacturing. Their portfolio covers the entire value chain, from components and electrical ballasts, to complete luminaires, lighting management systems and lighting solutions</p> <p>Energy Efficiency in Production: Glassworks, HCl, Xenarc lamps, energy controlling and monitoring system, energy management system (ISO 50001: 2011), Energy efficient measures in thermal processes. Energy-efficient products (lighting)</p>
<b>12:00</b>	<i>Packed lunches and drive to Ruedersdorf by bus</i>
<b>14:30</b>	<p><b>Site visit Druckhaus Berlin Mitte GmbH</b> Wilhelm-Kabus-Straße 21-35, 10829 Berlin Dieter Ebert, Head of Quality and Environmentmanagement</p> <p>Druckhaus Berlin-Mitte was founded in 1992 and is located in the tradition-steeped Mosse-Zentrum in the heart of Berlin. The company offers its customers complete printing service, from the consultation to the finished product.</p> <p>Druckhaus Berlin-Mitte guarantees that its printing products are manufactured in an environmentally friendly manner. The company participated in the European Union's Eco-Management and Audit Scheme and subjected itself to a further environmental inspection, clearly demonstrating its dedication to environmental responsibility.</p> <p>The focus of the site visit is the EMAS certificate, ISO 50001 and other energy efficient measures.</p>
<b>17:00</b>	<i>Departure back to hotel and free evening</i>

**Thursday, 18. June 2015:**

<b>08:00</b>	<i>Bus departure from Hotel</i>
<b>09:00</b>	<p><b>Factory Tour SIEMENS AG</b></p> <p>The Schaltwerk Berlin substation manufacturing is the world's largest production facility of its kind. During the tour, the optimized production process will be explained, the test centre will be visited and various products for efficient power transmission and distribution in all voltage levels and their applications in power plants, substations and local networks, in industry, in transportation facilities and in the building sector will be explained.</p>
<b>12:30</b>	<i>Packed Lunches</i>
<b>13:00</b>	<p><b>Site visit of the Moll Marzipan Factory</b></p> <p>Since 1860 Moll Marzipan Factory produces annually about 12 million tonnes of marzipan and other sweets.</p> <p>The food company Moll Marzipan GmbH implemented a package of measures aimed at demand-oriented energy optimisation at its production plants. Examples of the individual measures taken include the upgrading of the air volume control in an almond roasting line from a valve-controlled system to variable-speed operation. The cold water supply was also optimised by raising the target temperatures, integrating the external cooling and optimising the controls. Measures to increase energy efficiency were also undertaken in relation to production planning. For example, due to the increased dryer capacity, it is no longer necessary for products to undergo a subsequent drying process. With respect to the compressed air systems, the company focused both on technical factors, such as controlling the compressed air production, and on the employees in particular: Trainees, organised as 'compressed air police', continuously searched for and repaired compressed air leaks. An energy control system was introduced for documentation.</p>
<b>17:00</b>	<i>Departure back to hotel and free evening</i>

**Friday, 18. June 2015**

<b>8:00</b>	<i>Bus departure to Spandau</i>
<b>9:00</b>	<b>Site Visit Vattenfall Kraftwerk Reuter West</b> Großer Spreering 5, 13599 Berlin  The Reuter West CHP plant is located in the north-west of Berlin and is made up of two structurally identical power plant blocks, which were put into operation in 1987 and 1989 respectively. In line with the environmentally friendly combined heat and power (CHP) principle, this plant generates electricity and heat simultaneously, raising the fuel efficiency rate to 80 percent in the process.  The power plant blocks are fired by hard coal and equipped with efficient flue gas scrubbers. Residual materials from the combustion process and flue gas cleaning are treated and fed back into the economic cycle as high-quality raw materials.
<b>12:00</b>	<b>Departure to Hotel, End of Trip</b>

**Contact Information**

**Consultant**

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**Chamber**

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