



Energy Efficiency Business Conference

Electromobility Infrastructure and Green Energy Solutions

Tuesday, 9th November 2021, 7.30 am – 9.30 am
online (livestream)

www.german-energy-solutions.de/en

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FOREWORD

Welcome to this Business Conference on "Electromobility Infrastructure and Green Energy Management Solutions".

With COP 26 underway in Glasgow both Germany and New Zealand have a part to play.

Emissions in New Zealand rose by 57% between 1990 and 2018 – the second-greatest increase of all industrialised countries. Earlier this year, data showed New Zealand's emissions had increased by 2% in 2018-19. "Not something to be proud of" states NZ Climate Change Minister James Shaw. One initiative will help pave the way - the Clean Car Discount - this will help New Zealand achieve its goal to be carbon neutral by making electric vehicles and plug-in hybrid electric vehicles more affordable but there will be a need to put infrastructure in place to meet the growth demands.

When it comes to electromobility, Germany is experiencing exponential growth coming in number two worldwide in 2020 with a 263% increase in electric car registrations. What tools did Germany employ to create an environment for market growth five times that of China?

The German-New Zealand Chamber, connecting people in business to create opportunities between Germany & New Zealand, will play its part introducing German companies involved in electromobility infrastructure, power storage, supply and management, to potential New Zealand business partners.

We are delighted to showcase these leading technology companies at our virtual conference, as part of the initiative "Electromobility Infrastructure and Green Energy Management Solutions" which is coordinated and financed by the German Federal Ministry for Economic Affairs and Energy (BMWi), and with the assistance of the German consultant Energiewaechter GmbH.

This conference marks a starting point for these companies on their way to doing business with New Zealand.



A stylized, handwritten signature in black ink.

Monique Surges
Chief Executive Officer
German-New Zealand Chamber of Commerce Inc.

ABOUT THE "GERMAN ENERGY SOLUTIONS INITIATIVE"

New Zealand - Germany Business Conference 2021

With energy prices on the rise, both economic prosperity and competitiveness increasingly depend on our ability to use energy as efficiently as possible. This is true not just in Germany, but also in New Zealand. The use of innovative technology holds enormous potential for energy conservation in every field of application. Companies, private households and the public sector can tap into previously wasted resources through the efficient use of energy.

The promotion of renewable energies globally and energy efficiency leadership in Germany has resulted in the establishment of an industry which offers some of the world's leading clean technologies. This industry encompasses several thousand small and medium-sized enterprises specialised in the development, design and production of renewable energy technologies, energy efficiency solutions, grids and storage. This is the basis for smart energy solutions.

Germany enjoys a stellar reputation throughout the world for its high-quality technical products and its practical expertise. The transfer of energy expertise, the promotion of trade and the facilitation of international development cooperation are part of the "energy solutions - made in Germany" initiative. Trade missions offer first-hand knowledge of German expertise and facilitate business meetings with German companies in markets abroad.

The "German Energy Solutions Initiative" aims to transfer expertise into the hands of political decision-makers, key opinion leaders and local industry. The German Federal Ministry for Economic Affairs and Energy (BMWi) has managed, coordinated and funded the Initiative since 2007.



PARTICIPATING GERMAN COMPANIES

Coneva GmbH



Sustainable Energy and Fleet Management for Businesses. Whether you are a car dealer, hotelier, fleet manager or owner of a company - with Coneva's sustainable fleet management you can add more electric vehicles to your own fleet and save energy costs at the same time. Coneva offers you a 360° solution for this purpose, enabling you to connect your entire energy system on site. For example, data from photovoltaic systems, charging points for electric cars and other building loads can be centrally monitored and evaluated.

www.coneva.com

Ludego UG



LUDEGO was founded in Troisdorf with the aim of giving customers easier access to electric mobility. They assist in all aspects of electromobility from expert advice up to date information and e-vehicle procurement. Covering private, commercial and the public sector, LUDEGO's focus is mainly on the vehicle side but can provide expertise in charging and V2G as well. The website is mostly focusing on our German customers; LUDEGO is kept up to date on new innovations on the international market. For example, LUDEGO has a vast knowledge on the EV market in China.

The problems that customers face are international, and so are the solutions.

www.ludego.com (website only in German)

Magment



Magment provides dynamic wireless charging infrastructure in the micro-mobility, intralogistics and road electrification sectors. With the help of the patented core technology, a magnetic cement with recycled ferrite particles, highly efficient static and dynamic charging of electric vehicles is made possible.

The infrastructure is robust, durable and, through global cooperation with cement manufacturers, can also be completed locally in high volumes.

www.magment.co

PARTICIPATING GERMAN COMPANIES



Maschinenfabrik Reinhausen GmbH

Reinhausen Manufacturing (MR) is an electrical manufacturing company which specializes in regulations of power transformers, LTCs, on- and off-load tap changers. Founded in 1868, 80% of their ever-delivered products are still in operation today. Around the world, 50% of electric consumption passes through MR products.

www.reinhausen.com

Megger Germany GmbH



Megger GmbH has been a global leader in electrical test and measurement globally for 130 years. From power generation to the power outlets in your home, Megger products cover almost every application within the Electrical Supply Industry. The company is known for their electrical insulation testers and supply products related to the following areas: cable fault locating, earth/ground testing, low resistance measuring, power quality, electrical wiring, insulation testers.

www.megger.com

Parkstrom GmbH



Parkstrom GmbH has been a full-service provider since 2012 in the field of installation and operating charging infrastructure for electric vehicles. Our mission is the electrification of road traffic through intelligent charging infrastructure as a partial contribution to a CO2-free future. In addition to the planning and the manufacturer-independent sale of charging infrastructure that is installed by Parkstrom's contractual partners or the customer's installation company, Parkstrom takes on the technical and commercial operation of the charging systems.

www.parkstrom.de

zWe i Projekt GmbH



zWe-i is an engineering service provider, active in renewables (wind), regenerated energy recovery plants, e-mobility and construction. zWe-i has two innovations of particular interest for New Zealand. First is their large scale wind turbine QREON which supports grid areas through smart control. Secondly green energy generation with a small wind turbine Zenia 30, which has the potential to make a significant contribution for electromobility fleet solutions.

www.zwe-i.de

EXPERT SPEAKERS GERMANY



MARKUS EMMERT

Board of Directors Federal Association eMobility e.V. | BEM

Markus Emmert is a business, municipal and political consultant (energy, environment and electromobility). With 20 years of experience in the field of renewable energies, his scientific work in the field of electrical engineering (eMSR, ICT and BI), as well as his various inventions, patents, utility models and their developments, make him one of the leading experts in this field. His focus is on a functioning SmartGrid (intelligent energy networks), affordable energy prices and the sensible use of energy through energy-efficient and intelligent measures and technologies.

[Click here for more information about Markus Emmert.](#)



SIMON DAMOUNI

Consultant, energiewächter GmbH

Since July 2021, Simon Damouni has been working as a consultant at Energiewächter and supervises events of the Export Initiative Energy as well as the market development program of the Federal Ministry for Economic Affairs and Energy (BMWi). In addition, he conducts project acquisition and development and takes care of IT at Energiewächter.

In 2017 he took over the monitoring business from SOLON Operations GmbH after they withdrew from the European market and continues to operate this as his own company.

[Click here for more information about Simon Damouni.](#)

EXPERT SPEAKERS NEW ZEALAND



ARMIN GUTTKE

Director & Vice President (Membership) ITSNZ (Intelligent Transport Systems New Zealand)

Armin a Director and Vice President for Intelligent Transport Systems New Zealand Limited, with executive responsibilities for membership. Intelligent Transport systems are a member-based organisation - promoting, supporting and advocating for a more sustainable transport system through a whole-of-system and multimodal approach that is underpinned by technology.

[Click here for more information about Armin Guttke.](#)



MARK GILBERT

Board, Drive Electric

Currently- Chair, Minister of Transport's "Clean Car Sector Leadership Group"; Chair, Drive Electric Inc; Chair, Mobli (Mobility innovation); Governance Chair, Battery Industry Group; Chair, AutoStewardship NZ Trust (Product Stewardship Organisation); Chair, Bragato Research Institute; Independent Director, PlantTech Research Ltd; Deputy Chair, Appliance Connexion Ltd and Independent Director, Eltrade Limited. Mark retired as Managing Director of BMW Group New Zealand in 2012 after over 30 year's automotive industry experience.

[Click here for more information about Mark Gilbert.](#)



RICHARD BRIGGS

Manager Transport Programme, Energy Efficiency & Conservation Authority (EECA)

The EECA is a government agency whose purpose is to mobilise New Zealanders to be world leaders in clean and clever energy use. Strategic focus areas are based on influencing the energy decisions in the transport, business, and residential sectors. Prior to joining EECA, Richard had an extensive career in the telecommunications industry, holding positions of Director, CEO and General Manager for local and multi-national organisations.

[Click here for more information about Richard Briggs.](#)

AGENDA

07:30 am Welcome and Opening of Conference

The conference will be moderated by Erin Daly
Manager Consulting Services, German-New Zealand Chamber of
Commerce Inc.

07:35 am Energy Transition made in Germany - An Introduction

Simon Damouni, Consultant, energiewaechter GmbH on behalf of the
German Energy Solutions Initiative supported by the German Federal
Ministry for Economic Affairs & Energy (BMWi)

07:40 am eMobility – charging infrastructure & EVs in Germany

Markus Emmert, German Association for eMobility (BEM), Member of the
board, Leader BEM working groups, German Federal Association for
eMobility

07:55 am Parkstrom GmbH | Company Presentation

Dr Andreas Zumschlinge, Managing Director

08:00 am Ludego UG | Company Presentation

Dennis Hagemann, Managing Director

08:05 am Panel Discussion

Armin Guttke - ITS New Zealand, Richard Briggs - EECA New Zealand,
Mark Gilbert - Drive Electric

08:25 am zWe i Projekt GmbH | Company Presentation

Tilman Schubert, Head of Project and Technology Management

AGENDA

08:30 am Coneva GmbH | Company Presentation

Jochen Schneider, General Manager

08:35 am Panel Discussion

Mark Gilbert - Drive Electric, Armin Guttke - ITS New Zealand,
Richard Briggs - EECA New Zealand

08:55 am Magment GmbH | Company Presentation

Maximilian Wirth, Co-Founder & COO

09:00 am Maschinenfabrik Reinhausen | Company Presentation

Armin Vielhauer, Head of Business Exploration

09:05 am Megger Germany GmbH | Company Presentation

Friedrich Enkert, VP Global Sales

09:10 am Panel Discussion

Richard Briggs - EECA New Zealand, Mark Gilbert - Drive Electric,
Armin Guttke - ITS New Zealand

09:20 am Q&A, Discussion

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