

Ubiquitous smart charging made affordable.
An economic solution for e-fleets and charge point provider.



About ubitricity.

Affordable ubiquitous electricity becomes reality.

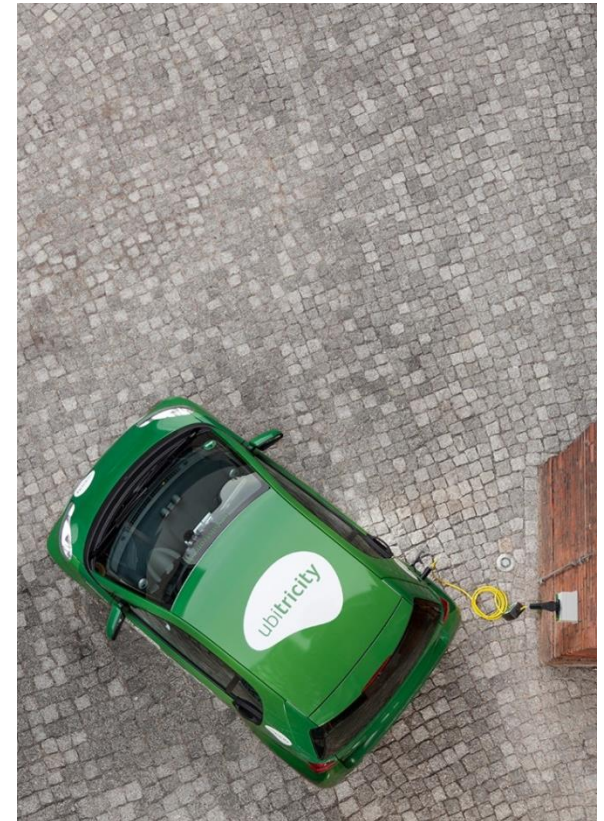
ubitricity reduces the costs for charge spots allowing for intelligent charging by up to 90%. Drivers bring the electricity of their choice along with the mobile meters to every charging spot.

Company

- › Founded in 2008 by Knut Hechtfisher and Dr. Frank Pawlitschek
- › Dr. Rupert Stütze joined as CTO in 2012 coming from Bosch
- › 30 employees
- › Commercial launch anticipated for 2015

Shareholders (in order of their entrance)

- › Founders, Business Angel, Earlybird, Heinz Dürr, IBB-Beteiligungsgesellschaft, EDF Deutschland



Electricity is available everywhere.
Billing is the challenge.



EV fleets, company cars and home owners. Billing is key.

- › **It is the law.** Electricity cannot and will not be given away for free.
- › **Transparent.** Metering and billing must be provided for based on user and transaction.
- › **Appropriate and secure.** EV consumption is billed to the user and/or respective account.
- › **Comfortable.** Charging must be enabled wherever EVs are parked in daily routines.
- › **Flexible.** Billing for company cars or fleets independent of user and charge spot.



Services and technology are required for billing, authorization, communication and smart grid integration. At all places where vehicles should park and charge.

Conventional charging infrastructure is too expensive.
Inefficient technology is a limiting factor.



Would you still build phone booths everywhere?
How many devices do you need today to make phone calls in 10 different places?



As a mobile user you use mobile technology.
One user. One contract. One service.



Smart Cable.
Simple System Socket.



The solution for electric mobility: One user. One mobile electricity device. One contract. Charge everywhere.



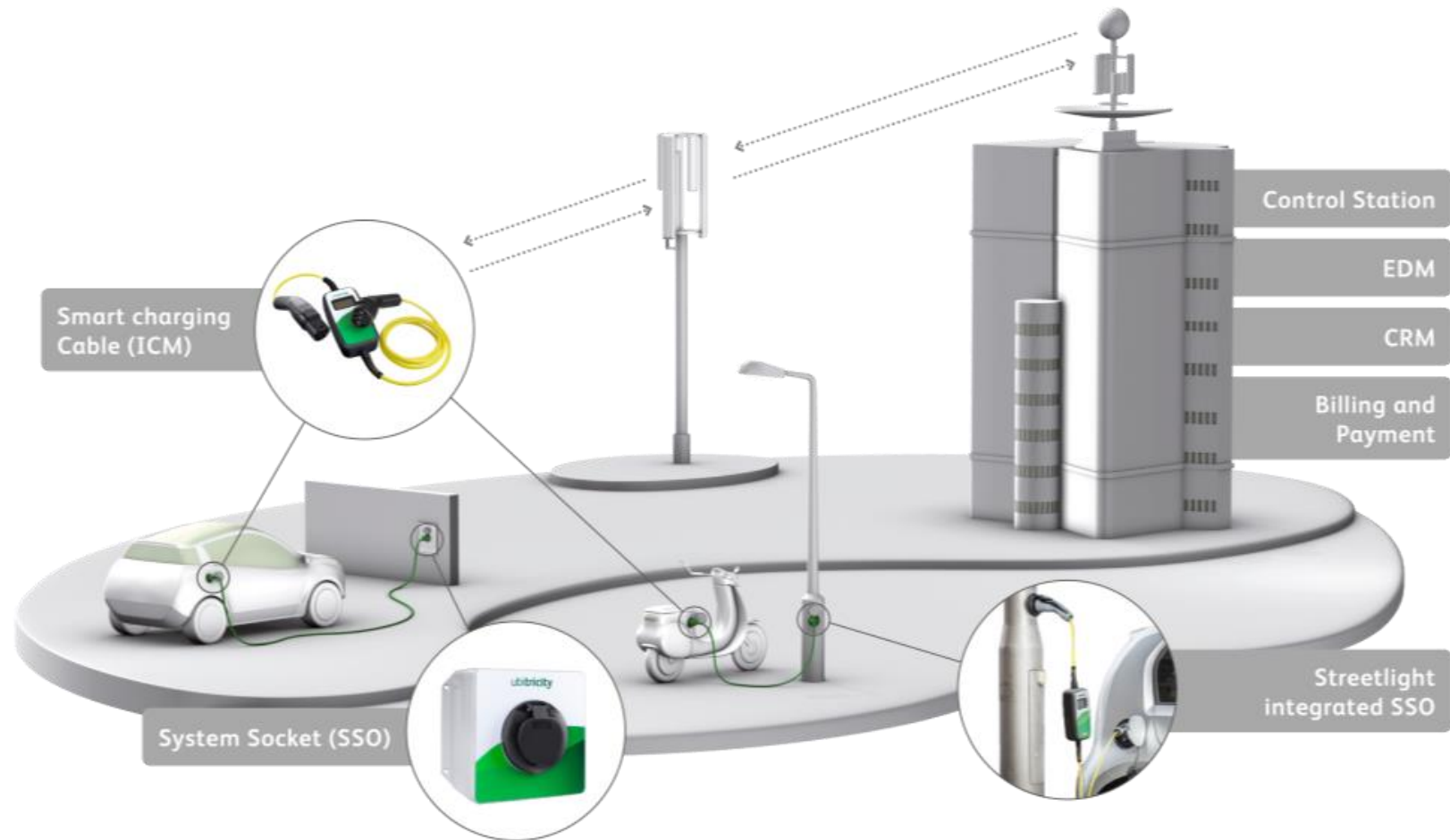
Ubiquitous smart charging made affordable.
Mobile metering cuts up to 90% of infrastructure costs.



Efficiently integrate system sockets into existing lightpoles.
Without incurring operating costs.

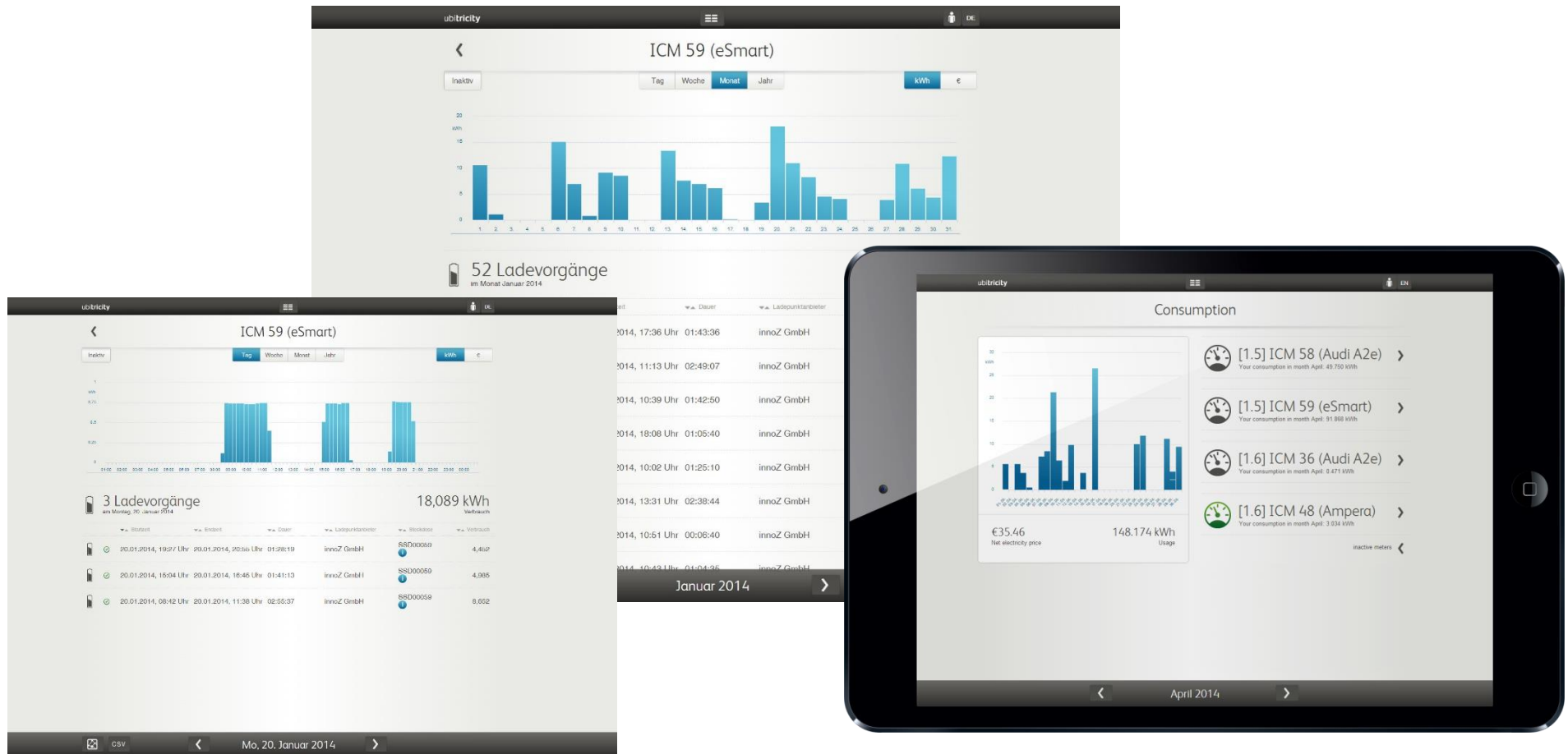


This is how it works.
An overview of the ubitricity system.



Innovative data preparation and billing.

Flexibly allocate transaction data and costs to all partners.



ubitrlicity enables the internet of energy things.

Providing services for energy suppliers & charging spot providers.



ubitrlicity

- › operates the “virtual grid” of system sockets as well as the back-end system
- › prepares the transaction data tailored to energy suppliers and providers of charging spots
- › specifies the overall system and
- › is responsible for coordination and development of the system at partners and service providers

A strong network. Our partners.



TE Connectivity, Bensheim

Global leader in automotive components, specializing in connectors, sensors and cables for energy and data transmission.



Physikalisch-Technische Bundesanstalt, Braunschweig

Cooperation in the fields of system and data security in the publicly supported research projects OBM I and OBM II.



Europoles, Neumarkt

The European market leader in lighting poles, Europoles produces standard and special solutions for poles, columns, towers and launcher systems.



VOLTARIS GmbH, Merzig

Leading provider of measured data in Germany (joint company of Pfalzwerke and VSE).



ITF-EDV Fröschl GmbH, Walderbach

Market leader of remote meter reading systems (hard and software for the energy industry).



EDF Deutschland, Berlin

German company of the internationally leading energy cooperation.

Supported by:



Federal Ministry
for Economic Affairs
and Energy

on the basis of a decision
by the German Bundestag

Federal Ministry of Economics and Energy (BMWi)

The development of the Mobile Metering system as well as field tests of its components is supported by the BMWi in the scope of the project On-Board Metering I and II.

ubitricity in the field.

Selected national and international references.

Partners from the automotive, energy, and real estate sector as well as municipalities are currently testing the system in the field.



Charging in apartment buildings

- › Field test in Lake Constance Area
- › Property developer, Berlin

Charging at work

- › Multipliers such as ADAC, Munich
- › Energy providers in France and Switzerland
- › German automotive manufacturers
- › EUREF-Campus

Charging for fleet users

- › E-Taxi München
- › Int. fleet/leasing operators

Street-light charging / public spaces

- › Berlin
- › Potsdamer Platz Management Gesellschaft
- › Verband der Deutschen Automobilindustrie
- › Bundesverband Solare Mobilität

Charging with individual energy tariff

- › Grundgrün Energie GmbH
- › Various utilities at Lake Constance

Charging in semi-public spaces

- › Potsdamer Platz
- › ECE Gesundbrunnen-Center
- › Welcome Hotels



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