

Doing more
with less

Connecting
Energy Things
efficiently



Hmm.



Quelle: pressebox.de




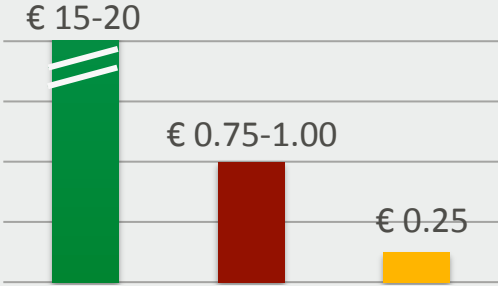
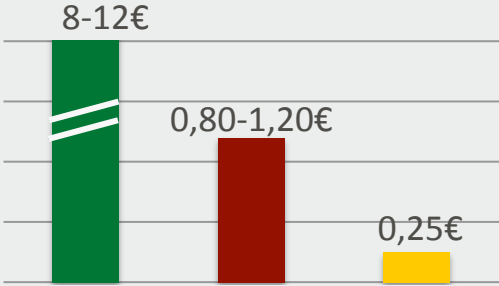

Smart Charging EVs is a Transaction Cost Problem

In principle, sockets are all you need to charge an Electric Vehicle...
... BUT electricity will not be given away for free.

For monetization, charging transactions must be **managed, metered, cleared and billed.**

But how to deal with **relatively high costs per transaction?**

Minimizing Charging Transaction Cost

Better Place (Battery Swap)	Charging stations	ubitrlicity's Mobile Metering
		
initial costs		
~ € 1 Million	~ € 6.000 (RWE 2013)	€ 60/Socket; € 160/Meter
Cost per Transaction		
~ € 15 – 20	~ € 8 – 12	~ € 0,40
Transaction costs * <div> <div>per charge</div> <div>per kWh</div> <div>Electricity / kWh</div> </div> <div>    </div>		

* For typical usage

Accessing your Voice Communication Service – in 1998



Accessing your Voice and Data Service – today



Accessing your Energy Service – today.



ab 6.995,00 €
inkl. MwSt. und Versand
[Zum Vertrag](#)

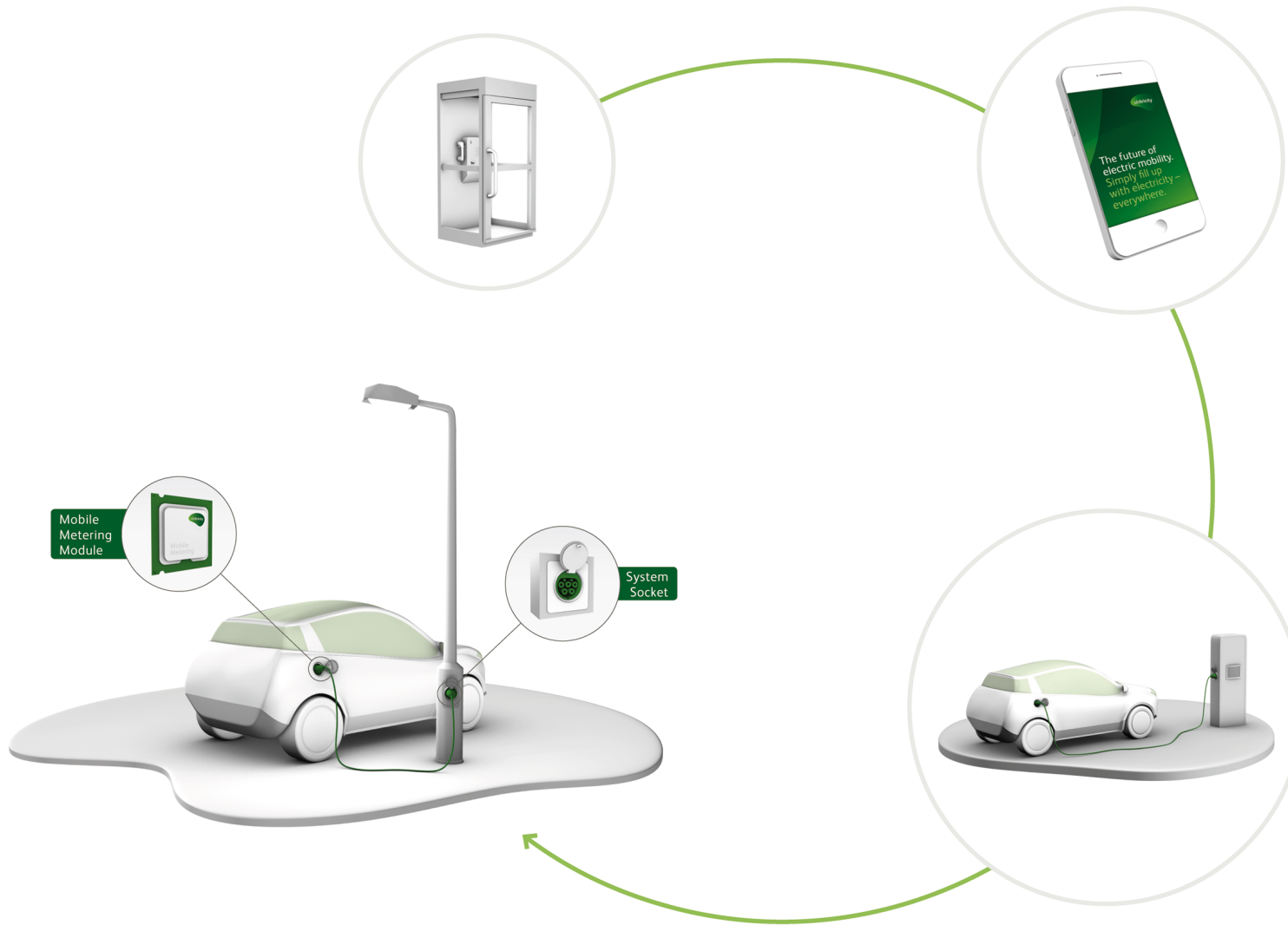
+ 30,- € p.m.
IT service cost

Approximately 10 Euro cost per transaction. No business model.

Accessing your Energy Service – in 2014



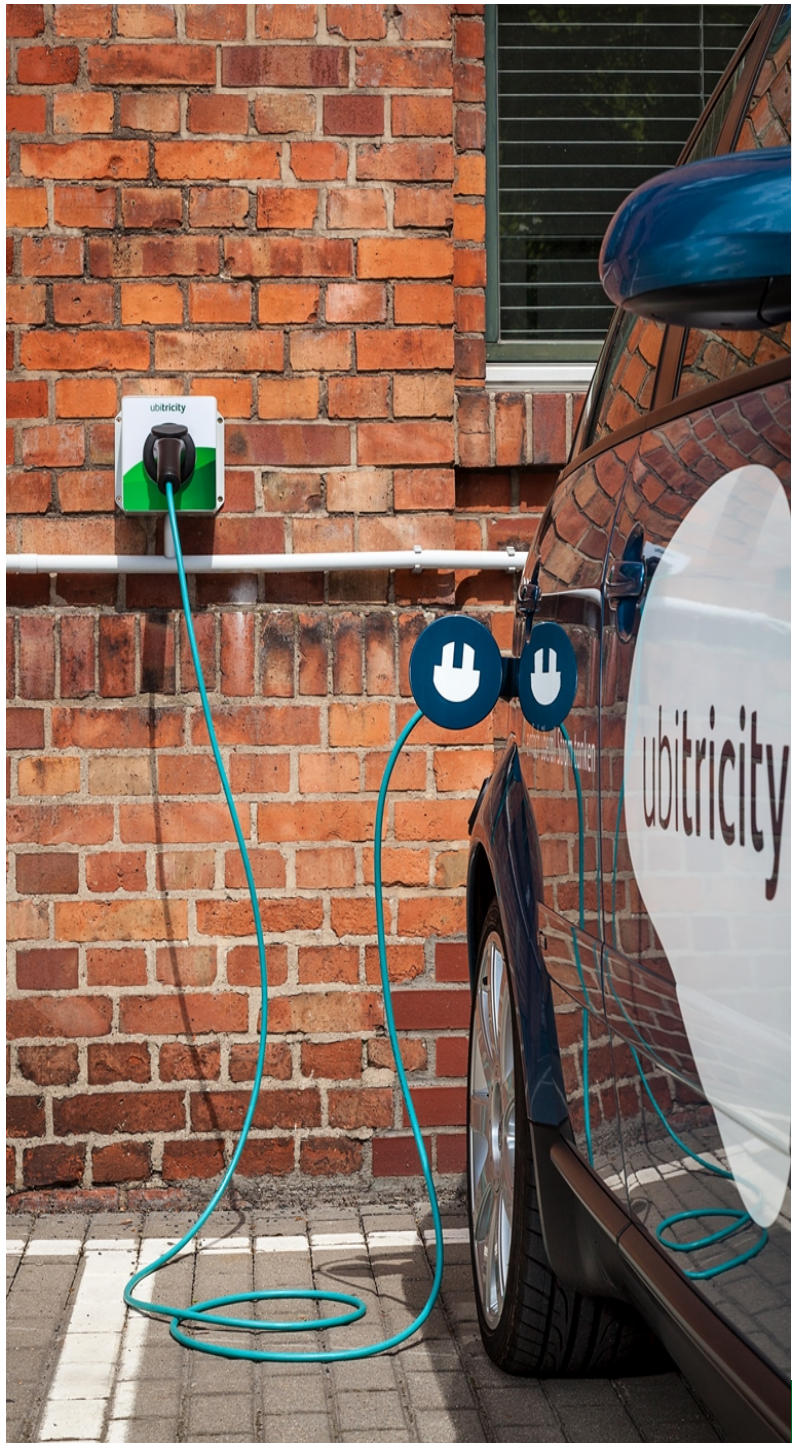
Ubiquitous Network Access requires Mobile Electronics



Very significant Cost Advantages

	Conventional Charging Station	Socket integrated In Light Pole
Hardware & Installation	> 10.000 €	~ 300 €
Op-Ex, maintenance p.a.	> 500 €	< 40 €
Smart charging possible	✓	





Top-Partnerships closed. Industrialization on-going.

TE connectivity

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Products

- Antenna Products - Standard/Custom
- Circuit Protection
- Connectors & Connector Components
- Enterprise Networks & Broadcast Products
- Fiber Optics and Fiber Management Solutions
- Filters
- Identification Products
- Passive Components
- Relays, Switches and Sensors
- Application Tooling Products
- Tubing & Harnessing Products

Industry Solutions 6 / 20

Communications

Broad communication solution set supporting the next generation all IP network.

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New Products 2 / 10

TE Connectivity and Ubitricity...

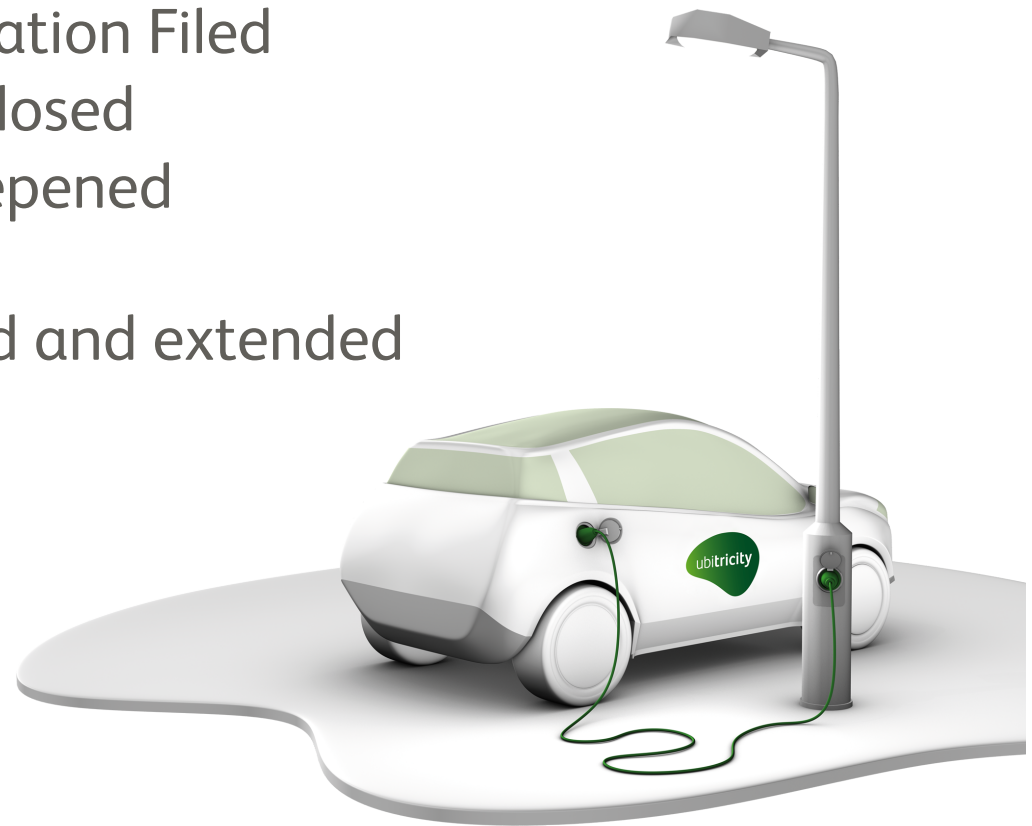
Affordable smart charging system for plug-in hybrid electric vehicles provides simple, secure mobile access to the power grid

Enabling cost efficient smart charging for EVs | June 2013 | Page 13

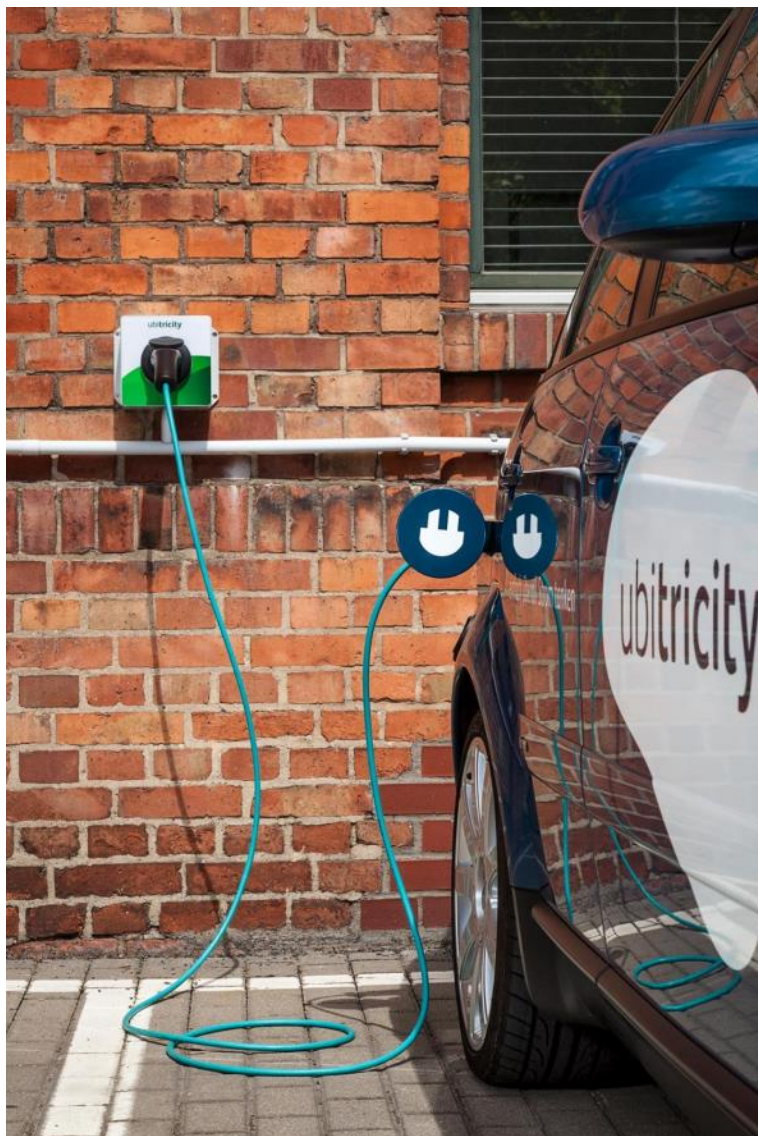
ubitricity

Achievements A/A+-Rounds 2010 – 21013

- ✓ 2.0 + 3,3 million VC plus partner commitments
- ✓ Technology developed
- ✓ First Public Tender Application Filed
- ✓ Important Partnerships closed
- ✓ Partner Commitment deepened
- ✓ Field Trials started
- ✓ Research Grants achieved and extended
- ✓ Project Pipeline filled
- ✓ Team enhanced



B-Round Investment proposal



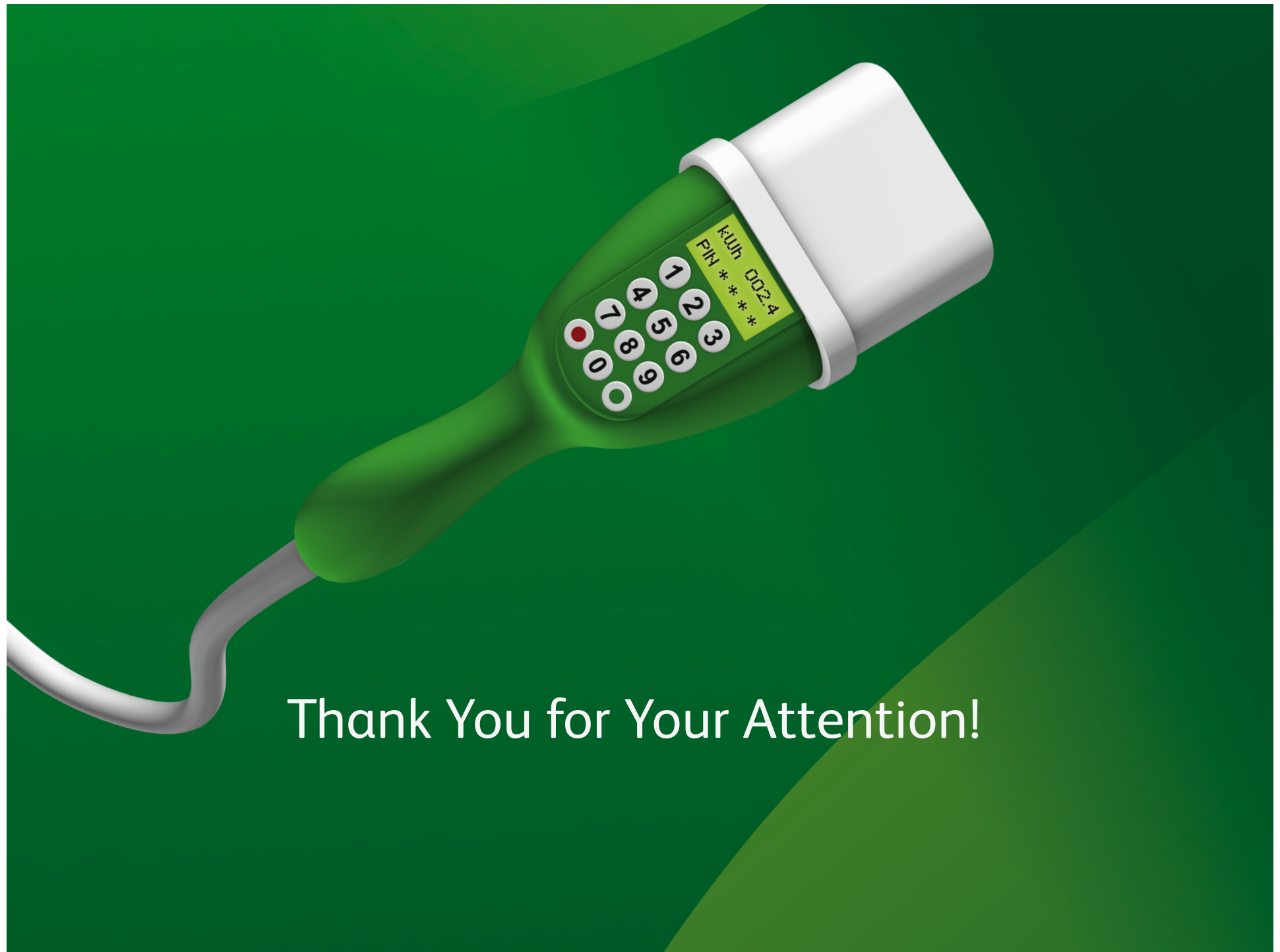
Investment

- Five million Euro B-Round, **Three million** new shareholder
- Investment period Q4/2013 until Q2/2015
- Secondaries?

Goal:

Roll-out in Europe 2014

- Scaling of system together with development partners
- Acquiring further major national and international players as partners (OEMs, utilities)



Thank You for Your Attention!