



Mobility

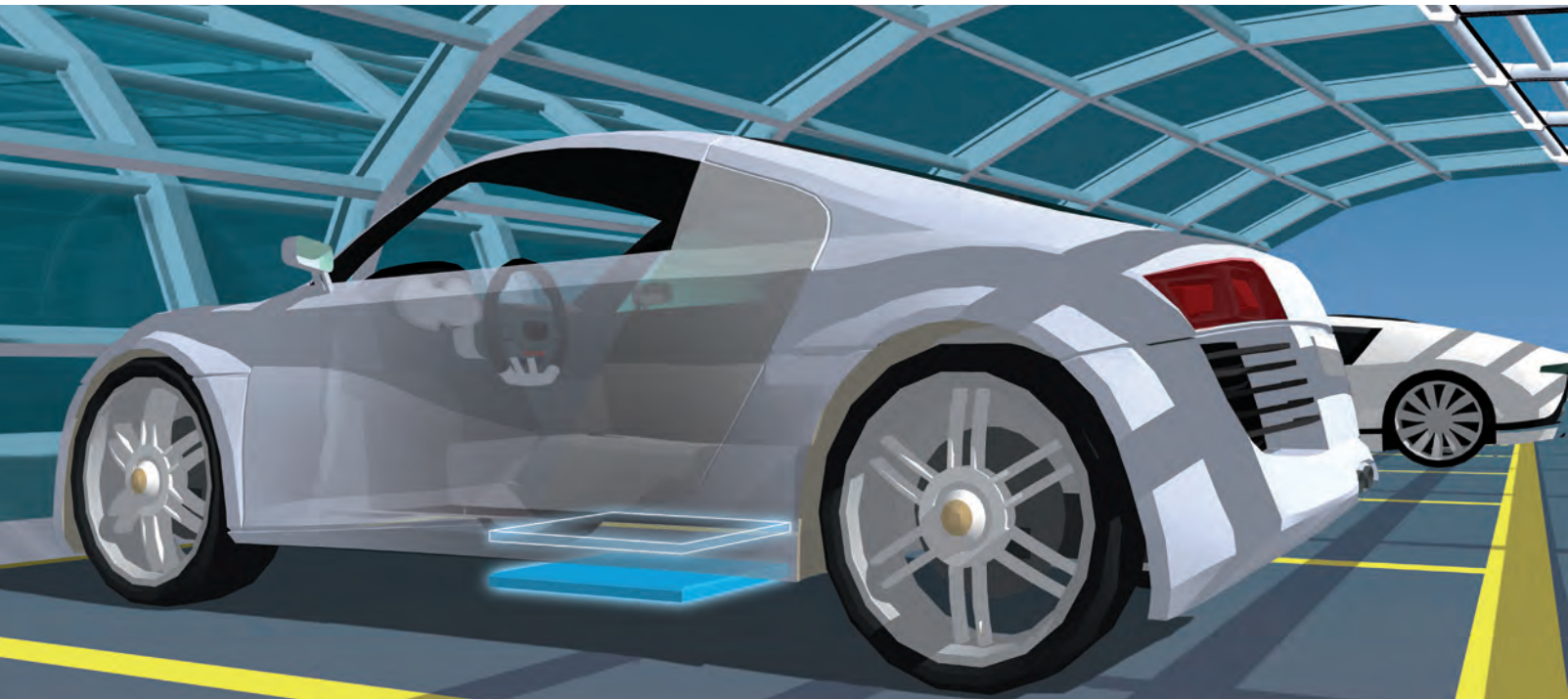


Energy



Environment

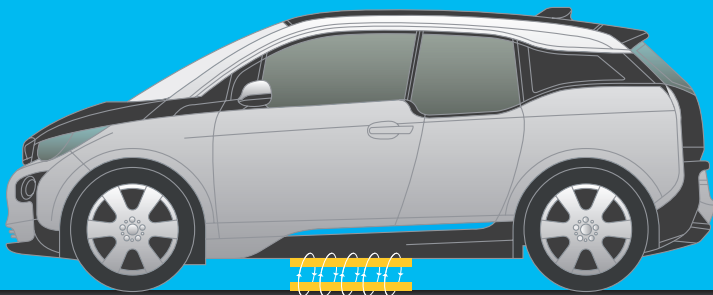
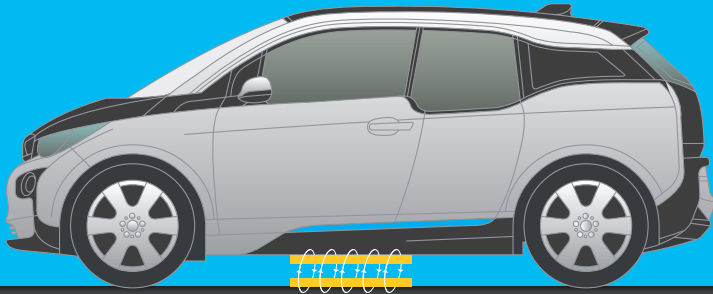
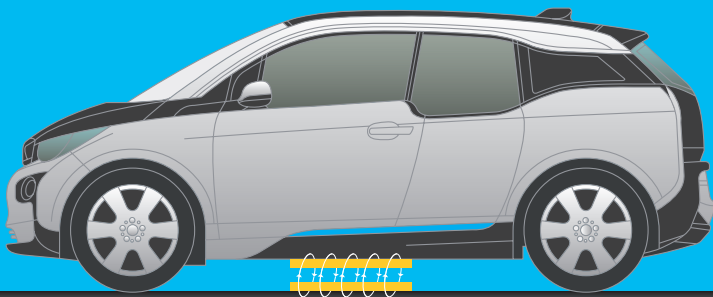
# The Future is Wireless



## INTIS inductive energy transfer systems

Specification	IEC/ ISO or SAE	others
<b>Charging power</b>	up to 22 kW (in preparation for WPT 4)	according to customer /application requirements
<b>Air gap</b>	Z-class 1 to 3	(up to 60 kW tested, higher powers with development effort)
<b>Coil type</b>	to IEC-/ISO or SAE specification	
<b>Frequency</b>	80 ... 90 kHz	36 ... 40 ... 90 kHz
<b>Efficiency</b>	above 90%	
<b>Safety and assistance</b>	detection of living- and foreign objects, positioning assistance, pairing, alignment check and many more	
<b>Vehicle internal communications</b>	CAN or other (customer specific)	
<b>Communications with road infrastructure</b>	WLAN ISO 15118, 868 MHz Near-Field, or customer specific	
<b>Vehicle high voltage interface (DC)</b>	CCS, CHAdeMO, or directly with vehicle battery management system	
<b>Application fields</b>	passenger and light commercial vehicles	heavy and light vehicles, industrial vehicles, ships, etc.
<b>Integration</b>	Can be integrated with battery storage and renewable energy generation	

TECHNICAL INFORMATION



Application example: multistorey car-parking

- Simple and automated
- Cable free
- Safe and reliable



## Powerful solutions for stationary wireless charging

Whether your inductive charging system is to be to the specification of a standard, or you wish to set all parameters yourself, INTIS will adapt and optimise its inductive charging technology to the requirements of your particular application.

We have the ability to rapidly and effectively complete these optimisation cycles, thanks to the expertise of our highly experienced engineers, coupled with INTIS' own extensive prototyping and testing facilities.

We deliver all vehicle side components and all road side infrastructures.

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