

BMW i: ELECTROMOBILITY IS MORE THAN ZERO EMISSION.

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THE FUTURE OF MOBILITY.



Environment

Climate change and the subsequent effects



Urbanisation

By 2030, over 60 % of world population will live in cities



Politics and Regulations

CO2 - and fleet regulations, Restrictions on imports

DRIVING FACTORS

Economics

Shortage of resources, increase in the price of fossil fuels



Culture

Sustainable mobility as part of a modern urban lifestyle; assumption of social responsibility

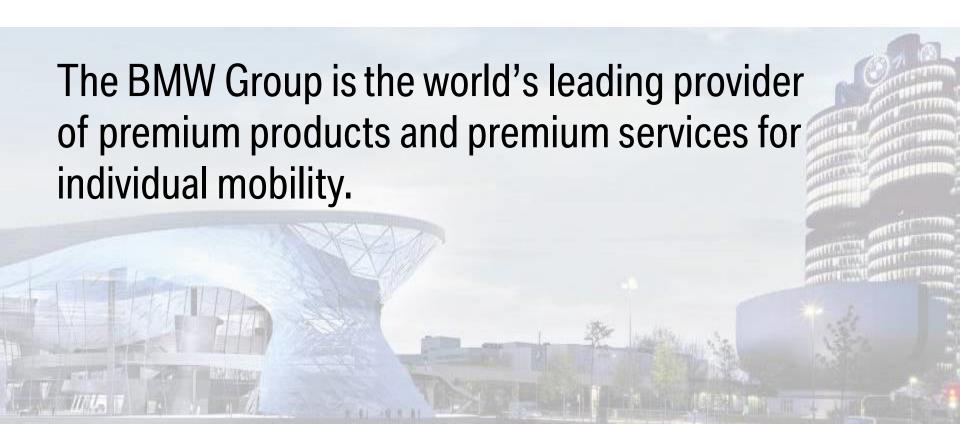


Customer Expectations

Changing values



THE BMW GROUP STRATEGY.



MANAGING THE TECHNOLOGICAL CHANGE TO REMAIN FUTURE PROOF.



ELECTRIC DRIVE TRAIN: FROM THE MINI E TO THE BMW i3. THREE-STEP ROADMAP LEADING TO SERIES INTRODUCTION.

BMW i3 (Megacity Vehicle)

"Purpose Design Electric Vehicle".



BMW Active E

"Conversion Electric Vehicle".



MINI E

The first step.



OVERVIEW OF MINI E RESEARCH PROJECTS WITH LEADING PARTNERS WORLDWIDE.































Scientific monitoring













Field trial























20 Units since 03/2011



Infrastructure and energy







Numerous energy partners

Numerous energy partners



MINI E AND BMW Active E SERVE AS KEY LEARNING PROJECTS FOR BMW i.

MINI E (2009-2012)



16 million kilometers ~600 vehicles

High satisfaction of mobility needs.

Range was rarely the limiting factor.

Most users charge 2-3 times per week and charging events decreased during usage.

BMW ActiveE (2011-2014)



5 million kilometers ~1.000 vehicles

Adequate vehicle.

High interest of purchase.

Joy of driving and one-pedal-feeling.

BMW i3 and BMW i8

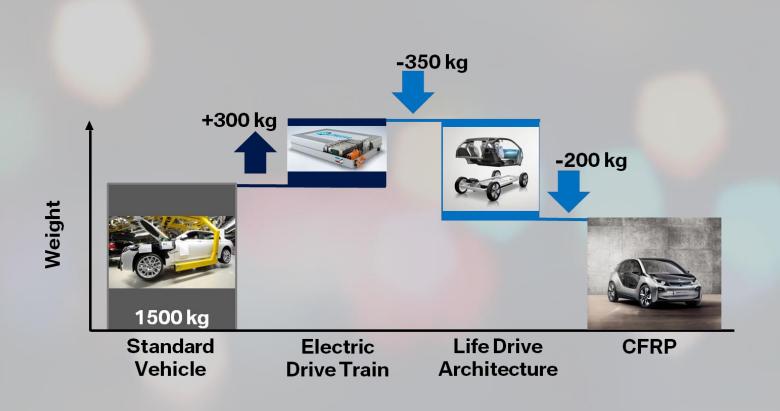


BMW i is more than just an electric car.

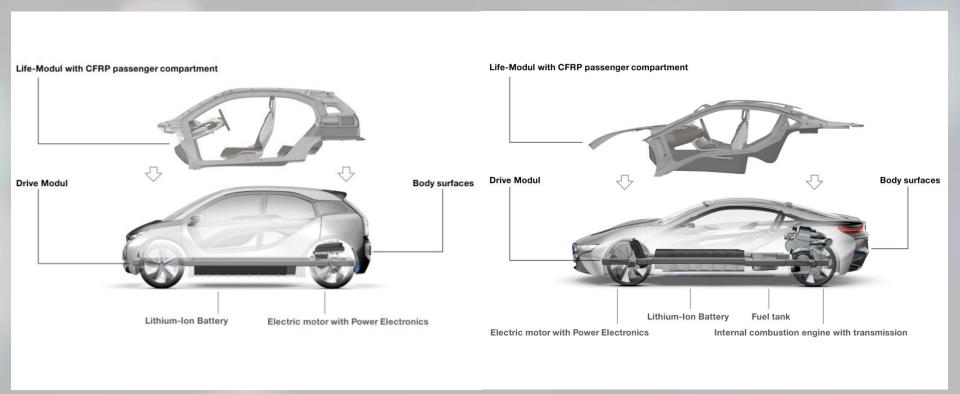
BMW i offers 360° ELECTRIC.

BMW i delivers joy of driving.

AN EXTREME LIGHTWEIGHT VEHICLE DUE TO ITS LIFEDRIVE ARCHITECTURE AND CFRP MATERIALS.



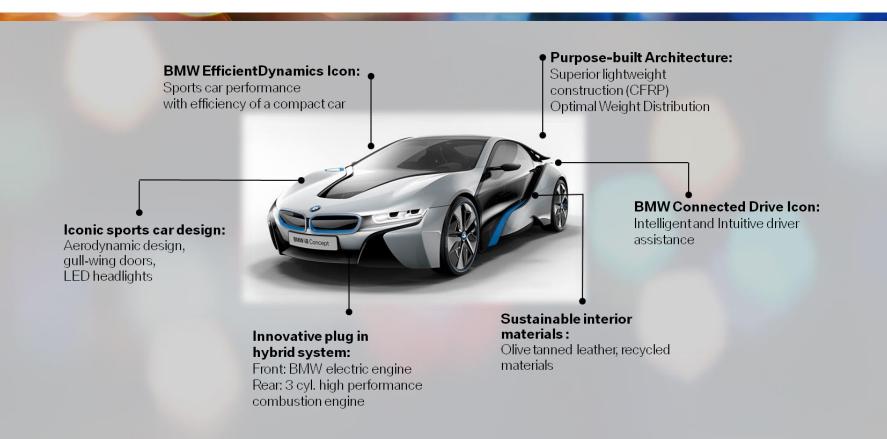
PURPOSE-BUILT DESIGN – THE LIFEDRIVE CONCEPT.



THE BMW i3 – THE MAIN USPs AS A CLEAR DIFFERENTIATION.



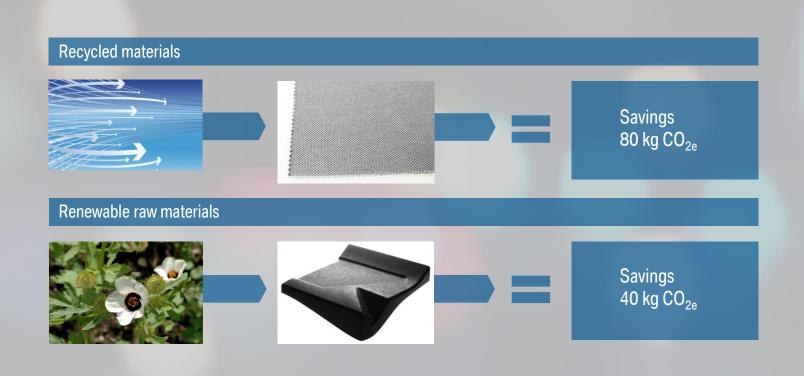
THE BMW i8 – THE MAIN USPs AS A CLEAR DIFFERENTIATION.



BMW i3 CONCEPT COUPÉ.



25% OF THE WEIGHT OF THERMOPLASTICS USED IS REPLACED BY RECYCLED/RENEWABLE RAW MATERIALS.



50% LESS CO₂ (EQUIVALENT) EMISSIONS IN BMW i CFRP PRODUCTION COMPARED TO CONVENTIONAL CFPR PRODUCTION.

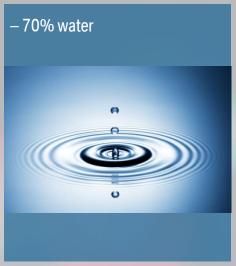






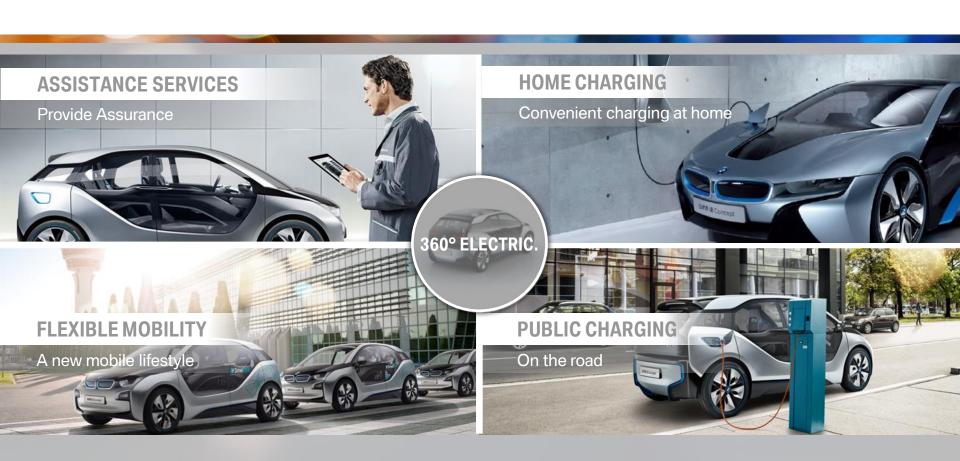
PRODUCTION OF BMW i MODELS IN LEIPZIG IS SETTING BENCHMARKS IN THE AUTOMOTIVE INDUSTRY.







BMW i WILL PROVIDE FLEXIBLE MOBILITY.



VERY POSITIVE RESULTS FROM THE TESTDRIVES WITH JOURNALISTS IN ARJEPLOG.



"The BMW i3 makes everything differently and many things better. He is as quiet as a cat on a mantelpiece, stiff as cast iron, precise on the track like a rack railway and weighs without the batteries even below 1.000 kg. All that makes the BMW i3 an automobile revolution."



BMW's pioneering i3 electric car is one of the most exciting cars of 2013."





, Its (BMW i3) carbon fiber body is wrapped in layers of electronic services and smartphone apps designed to make life simpler and save time for the owner."

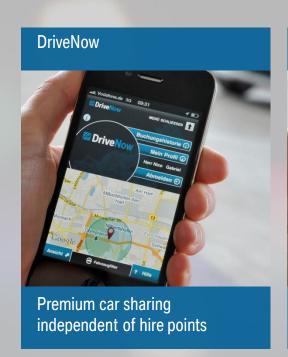
The World's Most Admired Companies FORTUNE



BMW i AND MOBILITY SERVICES.



BMW iVENTURES. MOBILITY SERVICES.

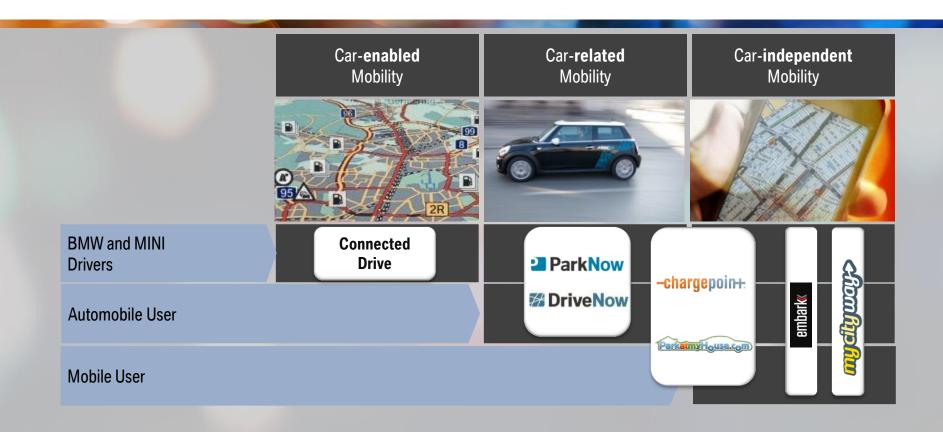




Local real time information on cities



BMW i A SUSTAINABLE MOBILITY PORTFOLIO COVERS CAR USER AND NON CAR USER, FOCUSING ON URBAN MOBILITY.



E-MOBILITY IS FAR MORE THAN JUST ZERO EMISSION.

