



Innovative light weight vehicle solutions

Mogens Løkke, CEO



# 2009 ECOmove was formed to build electric cars

## *Started 2003 building light weight sports cars*

### History highlights

- ECOmove founded May 2009 by Mikkel Steen Pedersen, Lone Stubdrup and Rasmus Worup
- Financial investments by Østjysk Innovation and Energy Horsens of DKK 3.3m from start
- Mogens Løkke joined November 2009.
- September 2010 Mogens Løkke, CEO and Mikkel Steen Pedersen, CTO
- September 2010, QBEAK, was presented
- Lol with municipalities for 8 cars + 25 reservations
- In September 2010, Østjysk Innovation and Energy Horsens invested the first half of an additional DKK 6.5m. January 2011, the second half was invested after the fulfilment of a number of milestones
- In January 2011, QBEAK I was driven for test Jens Moberg was appointed Chairman of the board
- September 2011 QBEAK II presented and third round of investment
- December 2011, staff 9 people. Additional reservations + Lol (eg. City of Cph) total of app. 50
- February 2012 Awarded Best Early Stage Investment Opportunity by Frost & Sullivan
- Oktober 2012 QBEAK III was driving in the streets



2003

2009

2010

2011

2012

**May 2009**  
ECOMove creation and initial investments

**November 2009**  
Employment of Mogens Løkke

**Spring 2010**  
Employment of full-time car designer, model builder and quality coordinator

**September 2010**  
First model presented to public and first Lol and reservation received

**September 2010**  
Second investment from investor and first investment from CEO. Mogens Løkke appointed CEO and Mikkel Steen Pedersen CTO

**January 2011**  
New chairman appointed, phase 2 investments from current investors and the first visual and rolling model ready for test drive

**September 2011**  
QBEAK II prototype visual and third round of investment

**December 2011**  
Team extended to 9 people. New Lol's with City of Copenhagen and more

**February 2012**  
ECOMove awarded "Best Early Stage Investment Opportunity" by Frost & Sullivan

**Oktober 2012**  
QBEAK III launched and on the road





# Global Platform – rolling chassis

## Light weight chassis

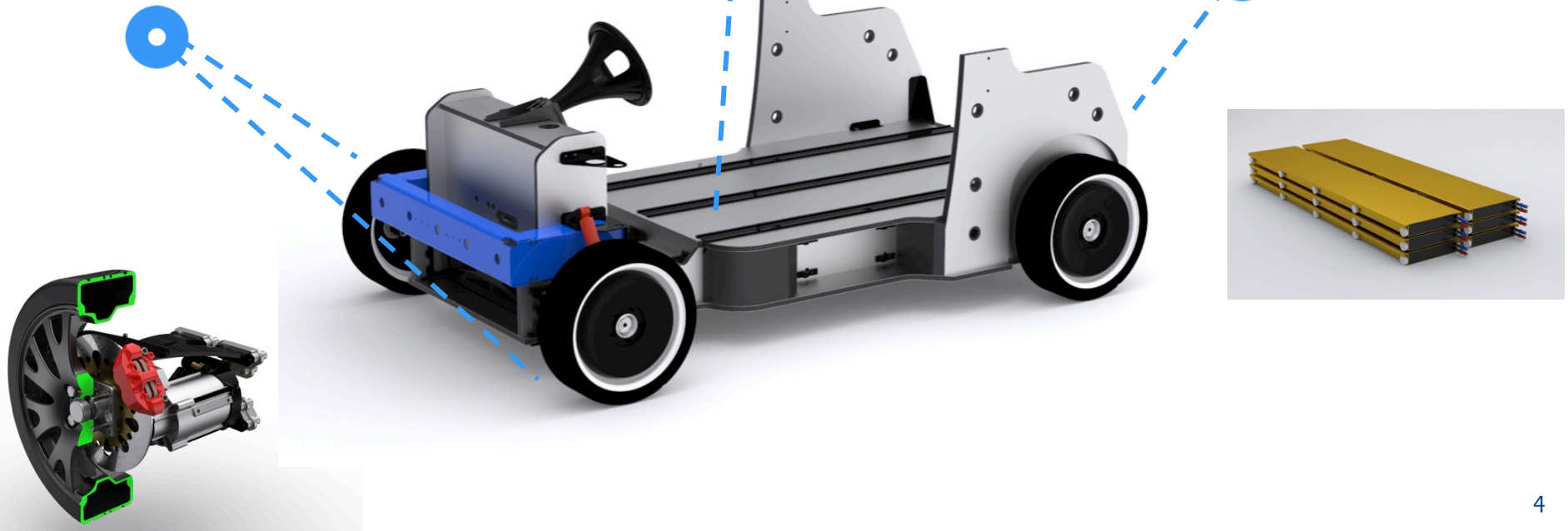
- Hosts electronics
- Include steering and braking systems
- Build in cooling for power components (motor and energy system)
- Compartment for energy modules
- Built in crash zones
- Easy adaptable to new shapes and sizes (new designs and custom models)

## In-wheel motor units

- Full Electronic differential
- Set new standards for driving and safety
- Scalable with 2, 4 and more motors
- Active or non-active, steering or fixed
- Easy service and replacements
- Replaceable for upgrade
- Attractive cost model

## “Right-sizing” power system

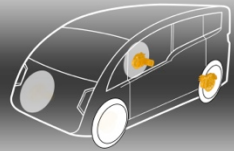
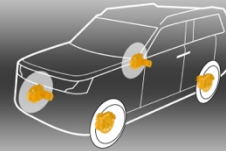
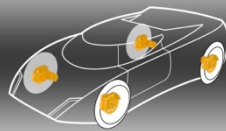
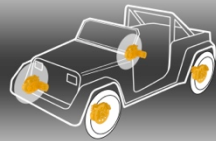
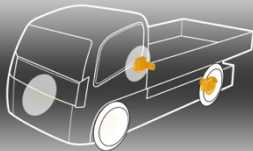
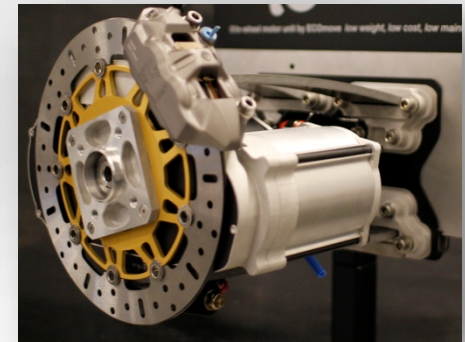
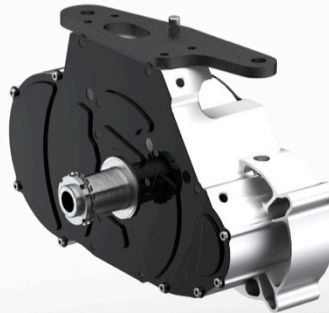
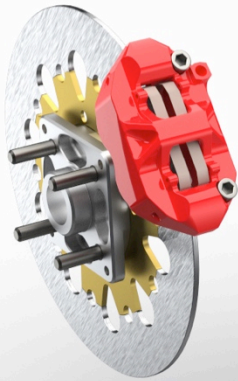
- Service purposes (swap or out-fix-in)
- Increase capacity and range
- Implement range-extendors
- Enables battery technology switch





# ECOMove inWheel Motor Unit

Powerful - free up space and reduce weight



# Light-weight bodywork

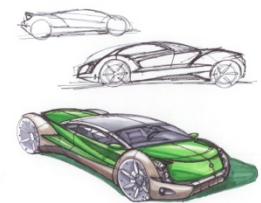
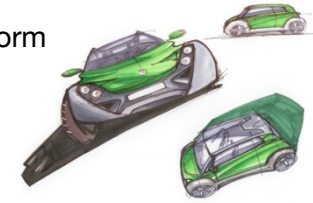
## For energy saving and dynamic design

### Inner body

- Can be produced at low cost and from moderate volumes
- Top safety, insulation and recycling
- Fast time-to-market – prototyping and production
- No rust, robust to a light accidents = long life-time
- Allows full creativity for designers and engineers

### Design freedom

- Different designs on the flexible platform



### Outer shells

- Plastic or metal feel and look
- Custom colour or decoration



Visit us at:  
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[www.ECOMOVE.DK](http://www.ECOMOVE.DK)

