

Christophe VILLEDIEU

Project Manager Electric Vehicle

E-mail: christophe.villedieu@akka.eu

Tel: +33 6 66 76 27 43

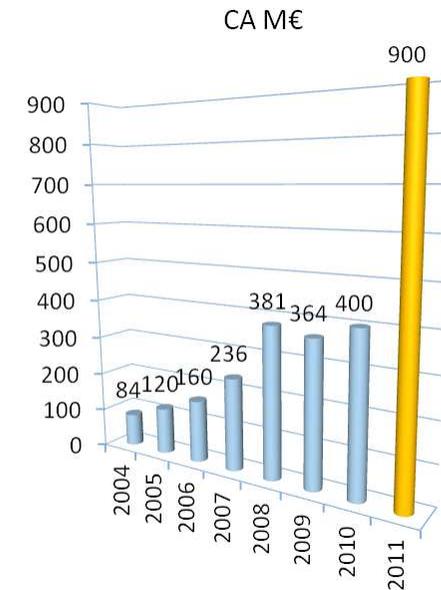
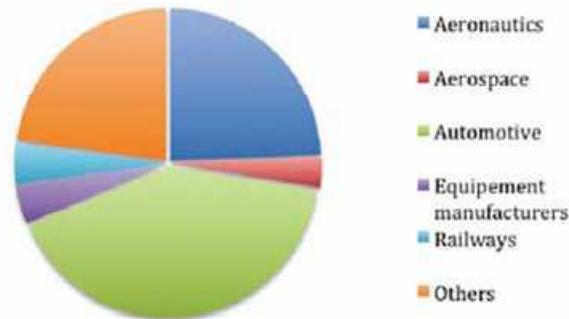


 **iCRDTA**
Centre de recherche et de développement, des technologies alternatives
Inventer l'avenir, *notre raison d'être*



AKKA, a reference player

- European Engineering and Technology Consultancy Group
- Support the major clients at each stage in the life-cycle of their products
- One of the market leaders in Europe
- 2011 Forecast: 900 M€ for 10 000 employees
- A balanced and diversified portfolio of activities
- Locations: All in Europe, Russia, India, Canada, China, Turkey, ...



CRDTA, The Akka Innovation platform

- First one R&D Department on consulting business
- About 80 to 100 engineers
- 10 patent applications since 2010



Astute car, full electric vehicle



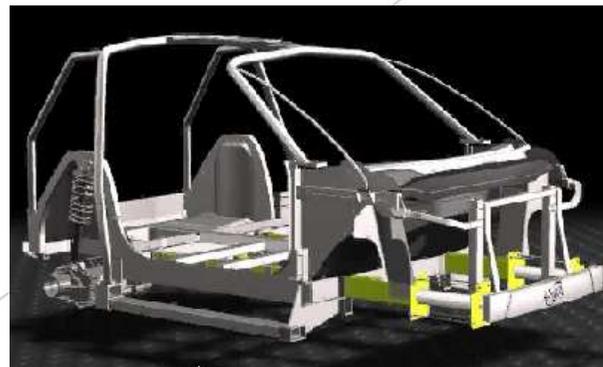
Astute car - Geneva Motor Show 2011



Rolling prototype (innovative command laws)



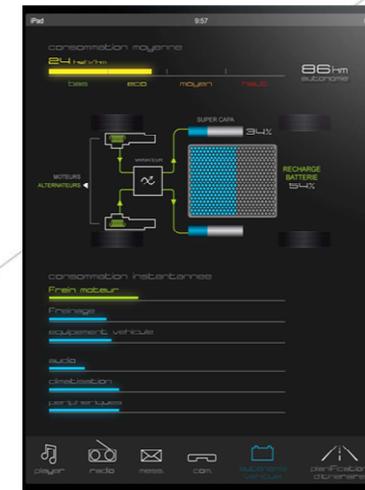
Motor wheel



Innovative impact scenario with composite crashbox

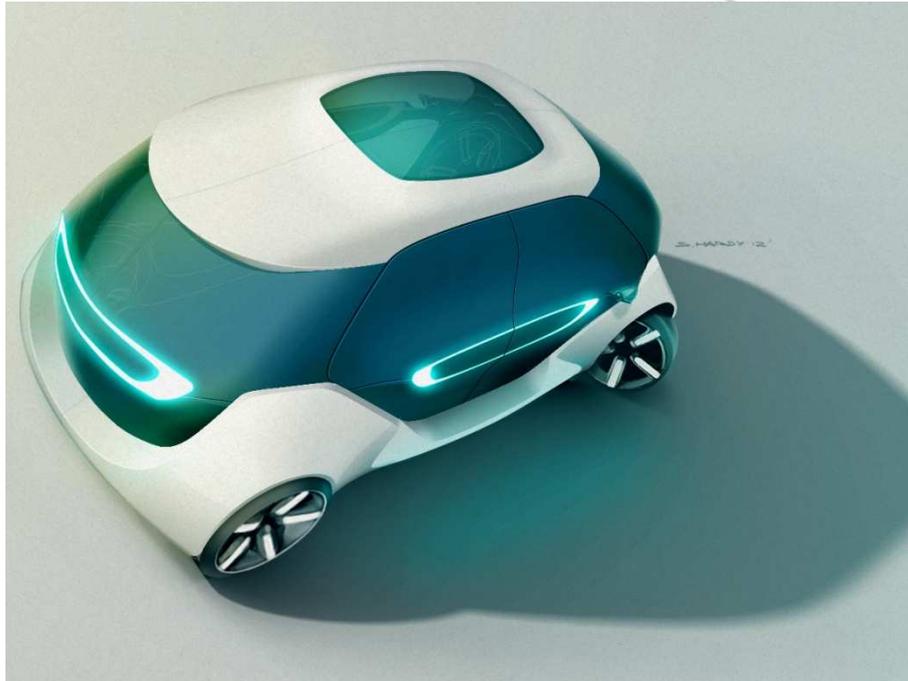


Full by wire driving system



Energy management

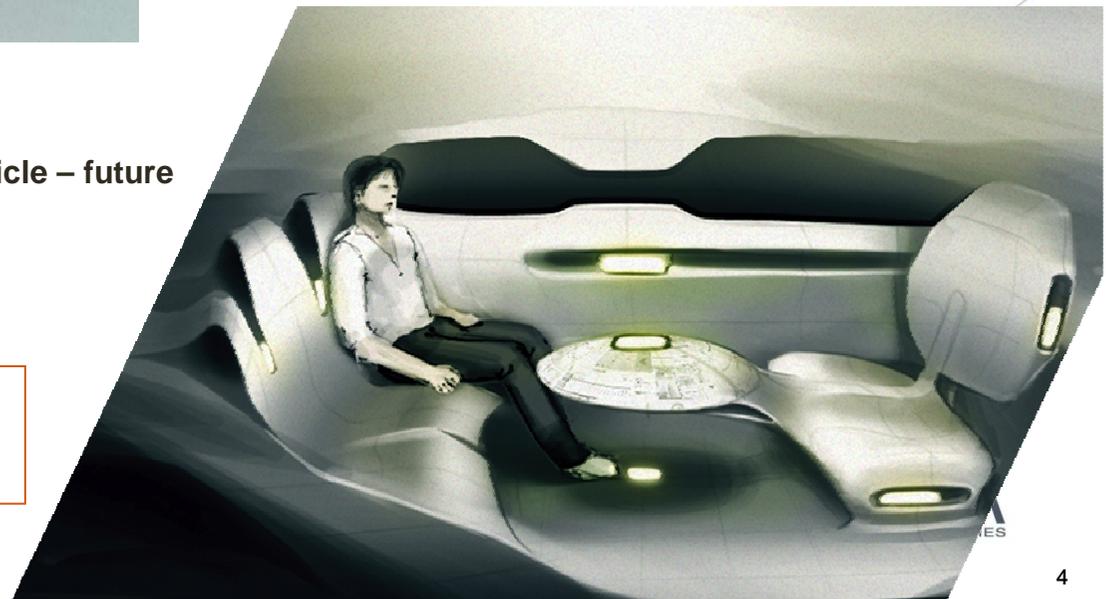
Link&Go, Automatic car for the future city



- Based on AstuteCar platform
- First 2 drive mode and electric car
- Automatically reloaded
- Specific vehicle interior

Winner of the call participation on “intelligent vehicle – future city” Conseil Général Yvelines Department - 2012.

Concept Car waiting for Motor Show
Geneva 2013



AKKA & European Research FP



Experiences for european projects

- Participates until the FP4 to European Research projects as partner and coordinator
- 7ième PCRD Project ICT STREP Co-FRIEND (coordinator)
- CIP Project InGeoCloudS (coordinator)



Complete expertise about automotive for European project partnership

- Mechanical skills (style, architecture, mechanical et mecatronic design, calculations and vehicle dynamics, ...)
- Electric/Electronic skills (complex system architecture, complete cards design - hardware, OS, soft and law layer , tuning -, embeded EV applications, operational reliability, ...)
- Project management



Topics for Akka skills and know-how

FP7		Transport de Surface
SST 2013	FP7-SST-2013-RTD-1	
Challenge		
Challenge 1		
FP7- SST.2013.3-1	Managing integrated multimodal urban transport network	
FP7- SST.2013.3-2	Implementing innovative and green urban transport solutions in Europe and beyond	
FP7- SST.2013.3-3	<i>Capitalising CIVITAS knowledge and experience</i>	
FP7- SST.2013.5-3	Open in-vehicle platform architecture	
	European Green Cars initiative	
FP7- GC.SST.2013-1	Efficient, safe, convenient solutions for grid and road integration of the electric vehicle	
FP7- GC.SST.2013-2	Next generation electric motors	
FP7- GC.SST.2013-3	Future light electric vehicles	
FP7- GC.SST.2013-4	Demonstration of electric buses as urban public transport	

Contacts

Christophe VILLEDIEU

Project Manager EV

christophe.villedieu@akka.eu

Tél : +33 (0)1.39.30.89.23

Mobile : +33 (0)6.66.76.27.43

AKKA Technologies - CRDTA

41, boulevard Vauban

78280 Guyancourt France

www.akka.eu

David Cher

IS R&D responsible

david.cher@akka.eu

Tél : +33 (0)5.34.61.92.92

Mobile : +33(0)6.67.82.02.88

AKKA Technologies - CRDTA

6 rue Roger Camboulives

31036 TOULOUSE Cedex 1 France

www.akka.eu