



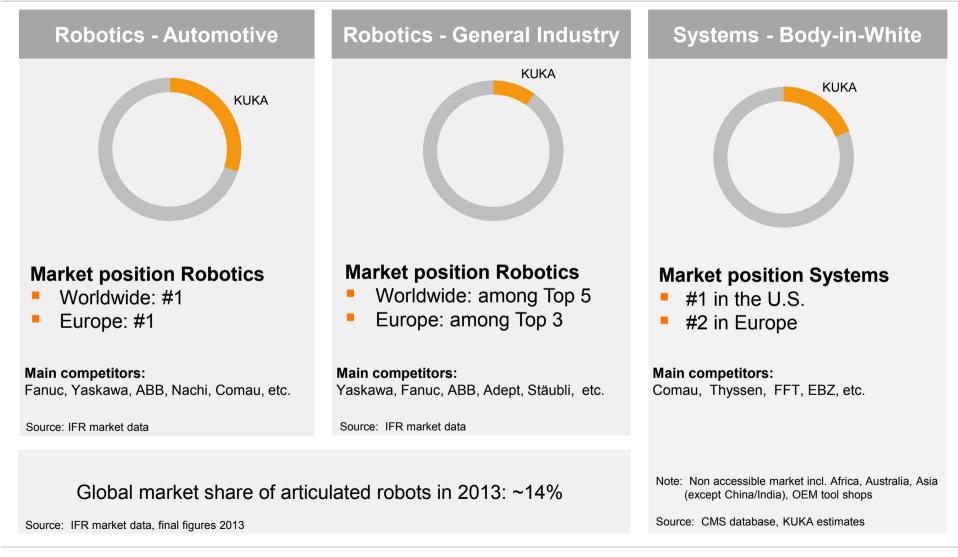
KUKA group - strategy Boost value of KUKA

	KUKA Systems	KUKA Robotics			
	KUKA Systems	Industrial Robotics	KUKA Laboratories		
	 Safeguard autor 	 Development of lightweight robot 			
cused rategy	 Increase genera 	 Increase revenues from health care 			
	 Strengthen globa 	 Market entry in service robotics 			

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KUKA group - competition Leading positions in Robotics and Systems





Robotics - overview Growth through innovation and quality

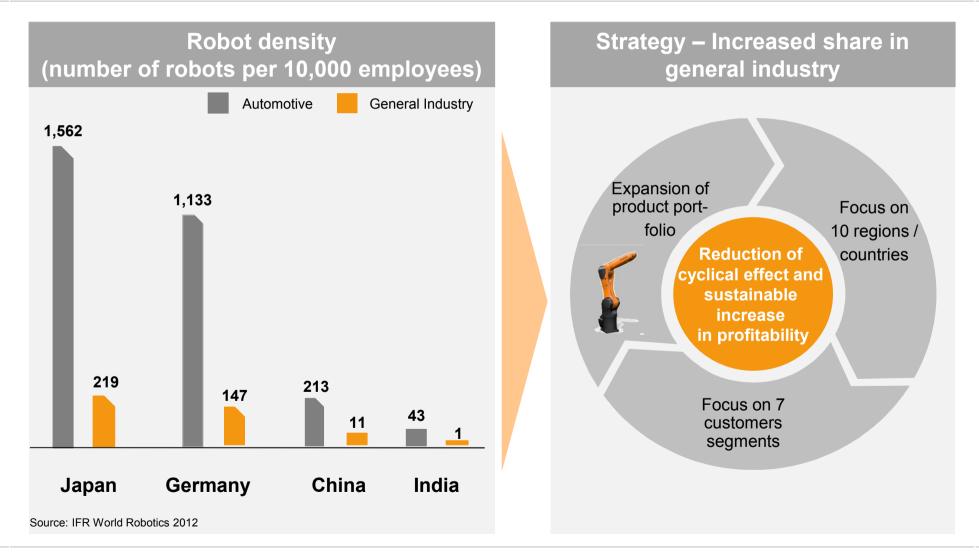


Strategy and key facts

- Balanced business structure¹
 - Automotive 40%, General Industry 42% and service 18%
- Strong key customers in automotive
 - Daimler, VW, BMW and FORD
- Focused industries in General Industry
 - Food, electronics, plastics, foundry, arc welding, machine tools, T1/ others
- 100% control of service business
- Quantec/ KRC4 sets new industry standard



Robotics – growth potential I Opportunity - Low robot density in general industry





Robotics – growth potential II High potential in the automotive sector

	Power train	Press shop	Body Shop	Paint shop	Final assembly
Number of robots per segment	40-100	7-15	400-600	40-50	10-20
Robot applications	 Handling Assembly Welding Machining 	 Handling Press linking 	 Spot welding Laser welding Gluing Riveting Handling Body transfer 	 Painting Sealing 	AssemblyHandling
Degree of automation	 Medium to high 	- High	 Very high 	- High	 Very low

KUKA

Laboratories - overview Growth potential in health care / service robotics



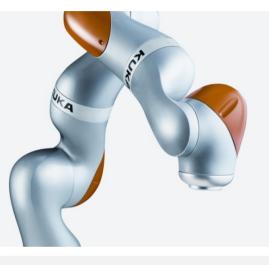
Health care

- Diagnosis together with Siemens
- Radiation therapy together with Accuray and Forte
- Active with partners in other segments (e.g. rehabilitation)



Service Robotic

- KUKA youBot
- Lightweight robot (LBR iiwa¹) fast research interface
- Entertainment

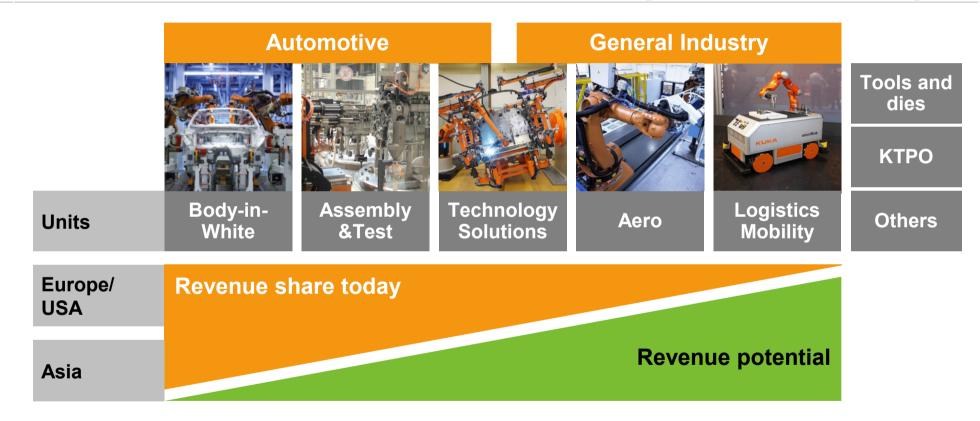


Production and assembly

- LBR iiwa¹ in assembly and production processes
- Mobile solutions with robots in logistics

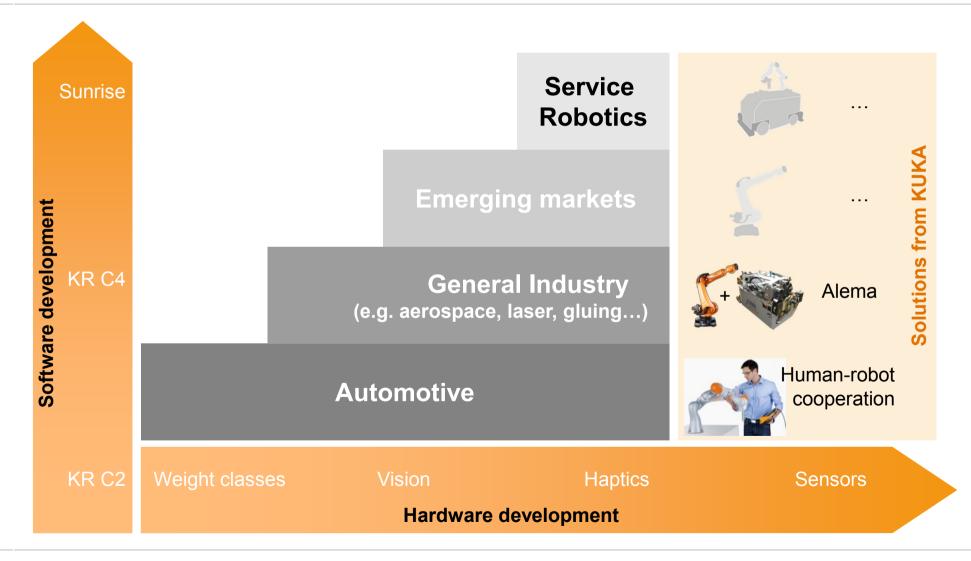


Systems - overview Units of focus in automotive und general industry



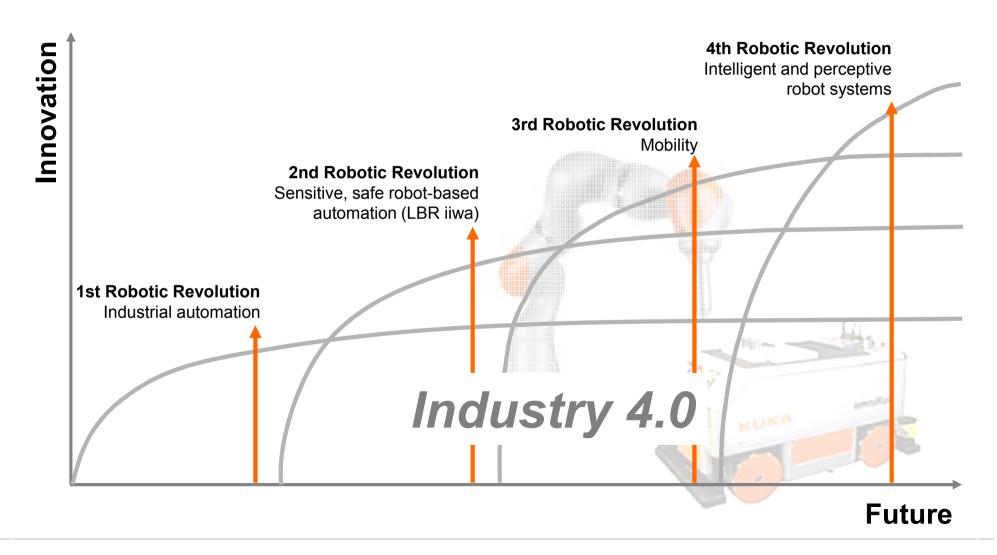


KUKA Group – development I Hardware – Software – Solution – Processes



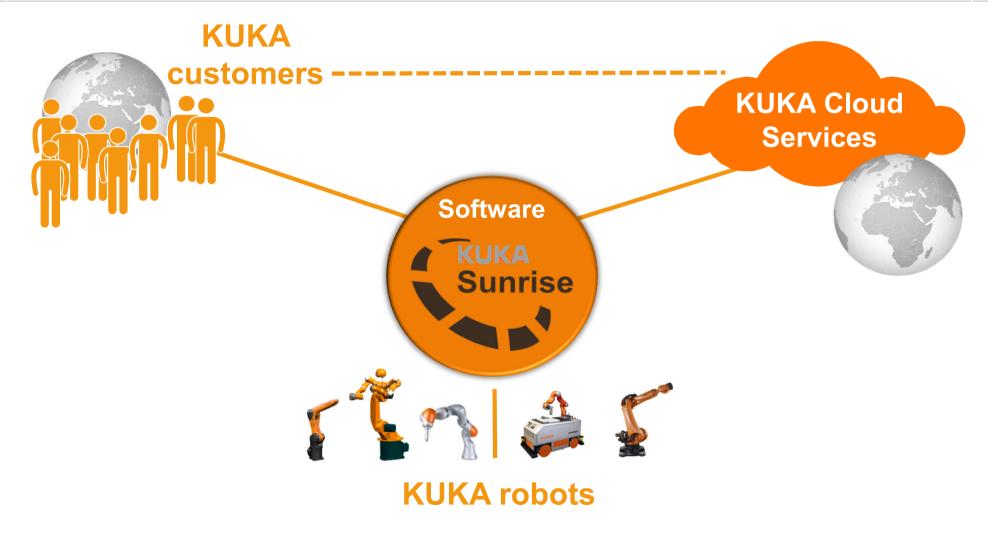


KUKA Group – development II **New technologies are opening up new markets**



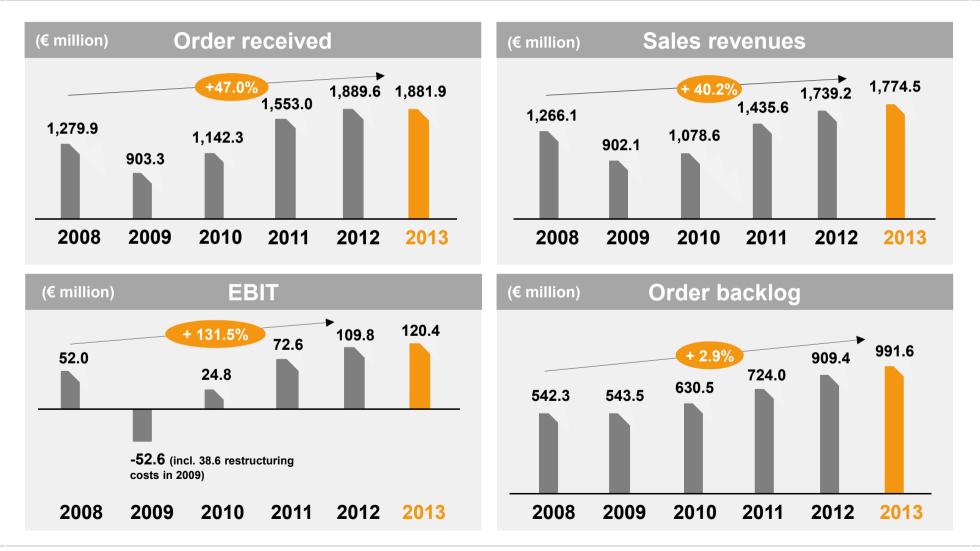
KUKA

KUKA group – development III Sunrise software opens up new markets for KUKA



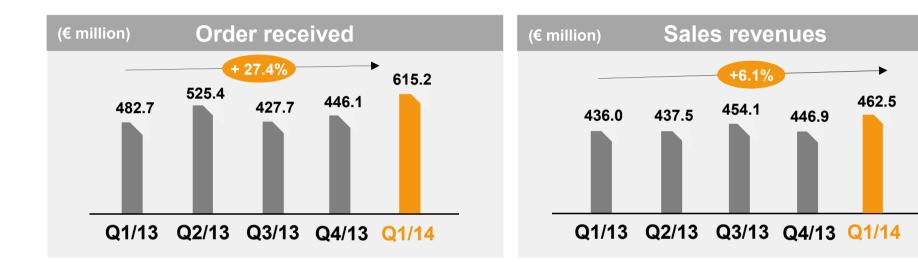


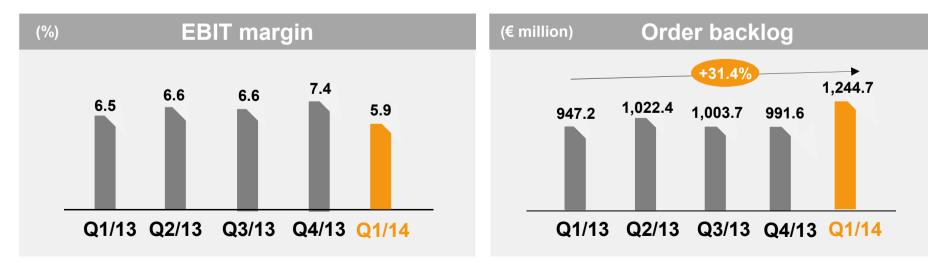
KUKA Group Key financial figures





KUKA Group Key financial figures¹







KUKA in China Strong footprint in China



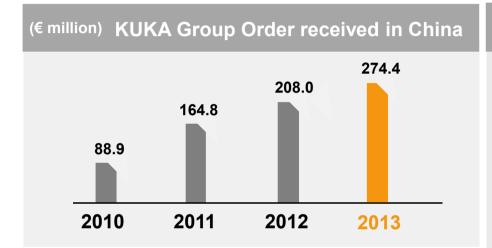


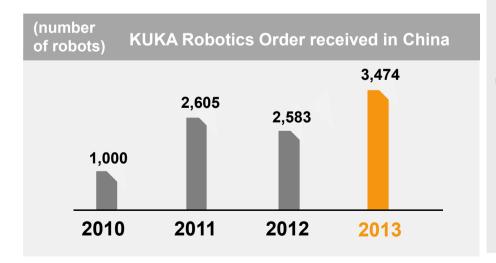
KUKA in China

- Market entry: 1997
- Employees of KUKA Group: 646¹
- Market share robotics 2013: 15-20%
- Installed robot base by Robotics: ~10,000
- Assembly capacity of 5,000 robots p.a.
- Strategy Automotive and General Industry:
 - Increase local presence by additional regional offices (Shanghai, Beijing, Guangzhou, Chongqing, Changchun)
 - Expansion of system partner network



KUKA in China Strong growth in China





Market drivers in China

- Market conditions are changing:
 - Increase of labor costs
 - Reduced availability of skilled labor
 - Productivity improvements
 - Increase of quality demand (Export)
 - Worker safety
- Expansion in other industries:
 - Automotive was first industry to implement robots, followed by Tier1, metal industry etc.



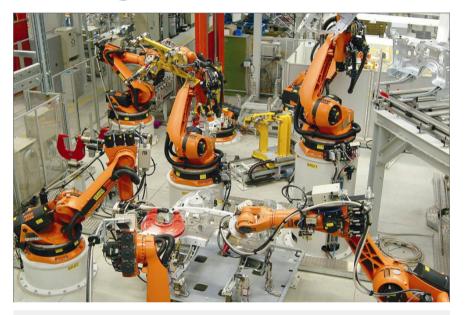
KUKA in China Selection of local customers in China





Outlook 2014 Expected revenue and EBIT margin





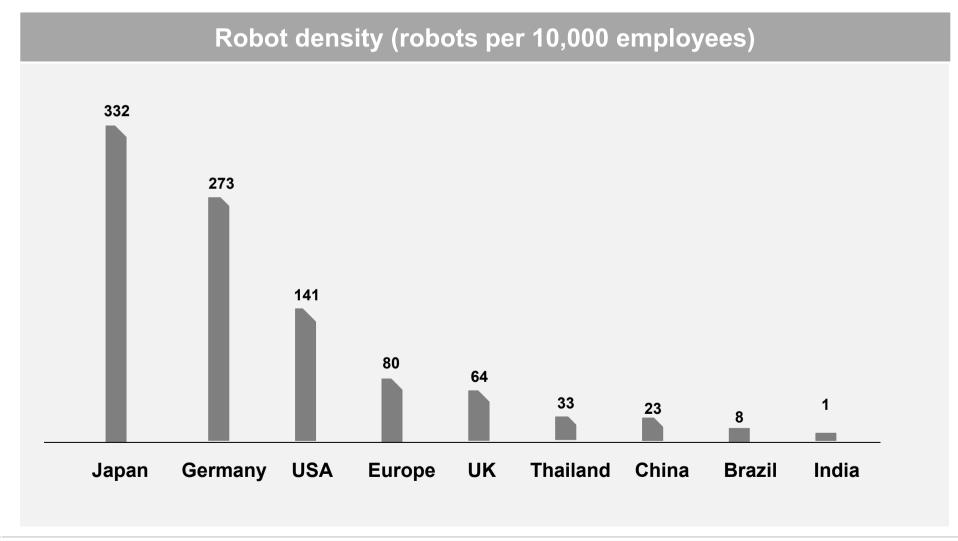
€1.9 – 2.0 billion

~6.0%

Sales revenue



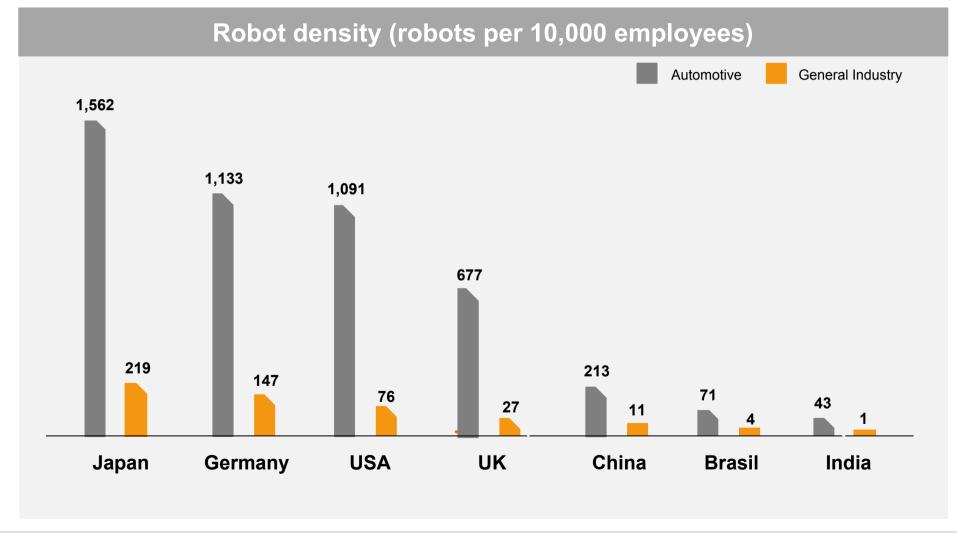






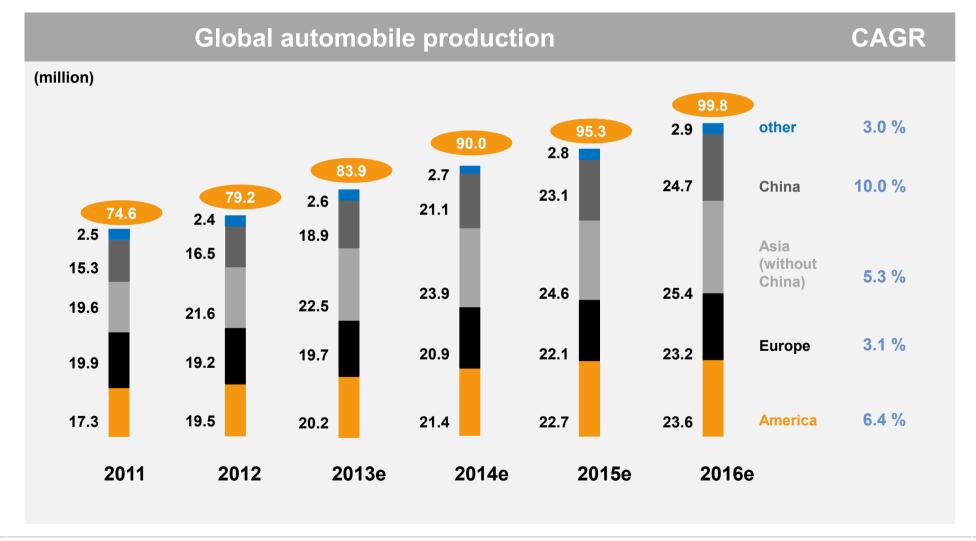


Low robot penetration in General Industry





Strong capacity increase in emerging markets





Expansion of service robotic market







Disclaimer

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