



AREVA

forward-looking energy



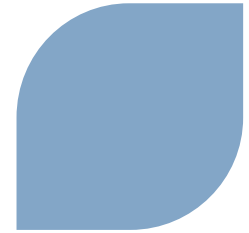
AREVA: successfully facing current industry challenges

Kepler Cheuvreux Autumn Conference

September 20th, 2013



Agenda



■ Introduction

■ Our markets & recent evolutions

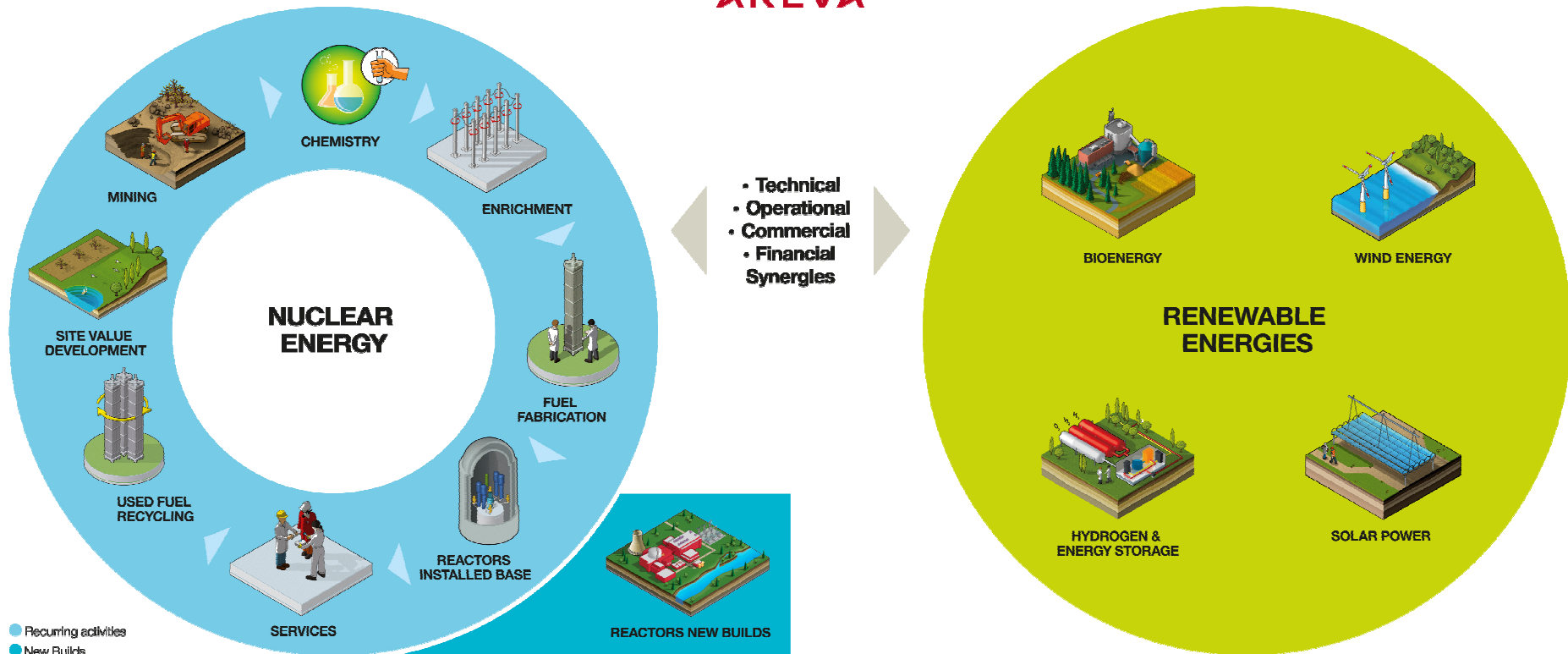
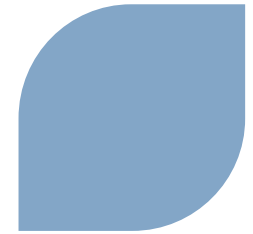
■ Action 2016: executing our strategy to strengthen our leading positions

■ Turnaround in performance: on track to achieve our objectives

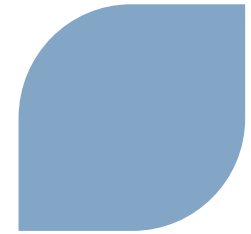
■ Financial outlook

■ Appendix

Leader in low-carbon power generation



AREVA in figures



€45.4bn
backlog at 12/31/2012

€9.342bn
in revenue in 2012

€1.007m
restated EBITDA
in 2012

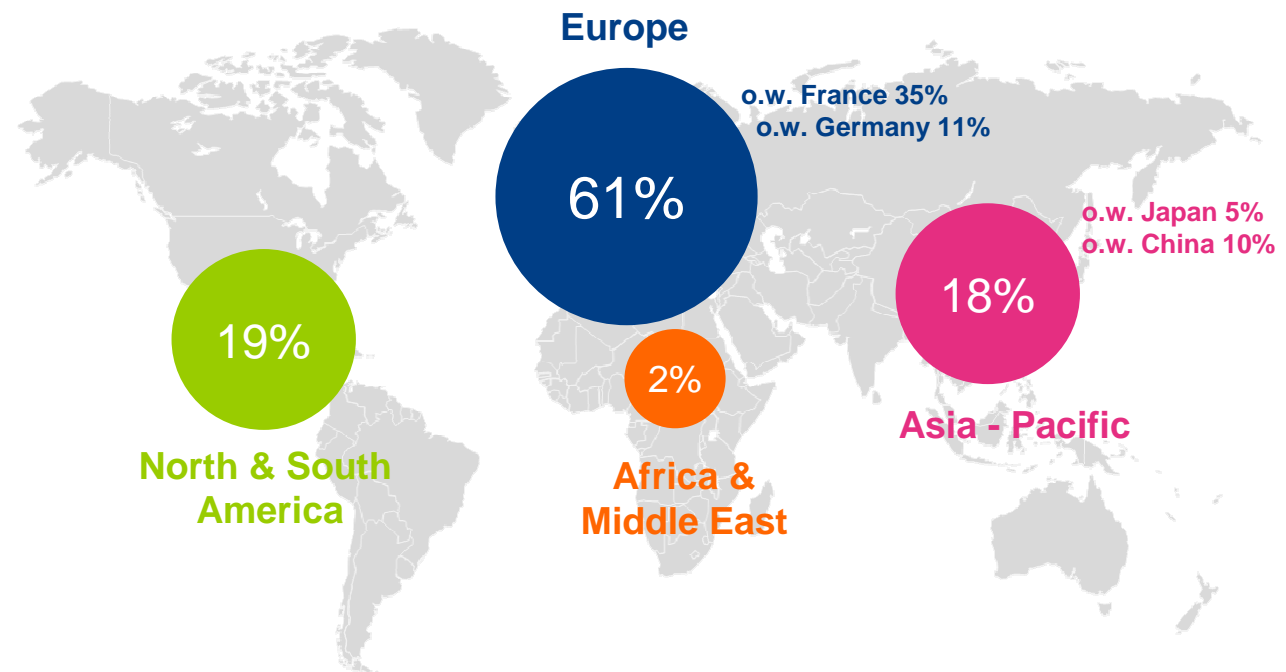
46,513 employees
in **25** countries

900 experts
8,000 patents

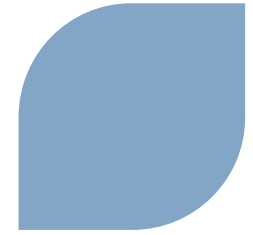
5% of sales
devoted to R&D*

* Including capitalized R&D

Revenue by region in 2012



Agenda



■ Introduction

■ **Our markets & recent evolutions**

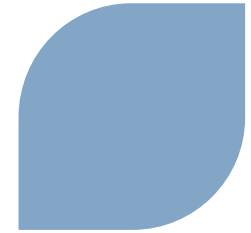
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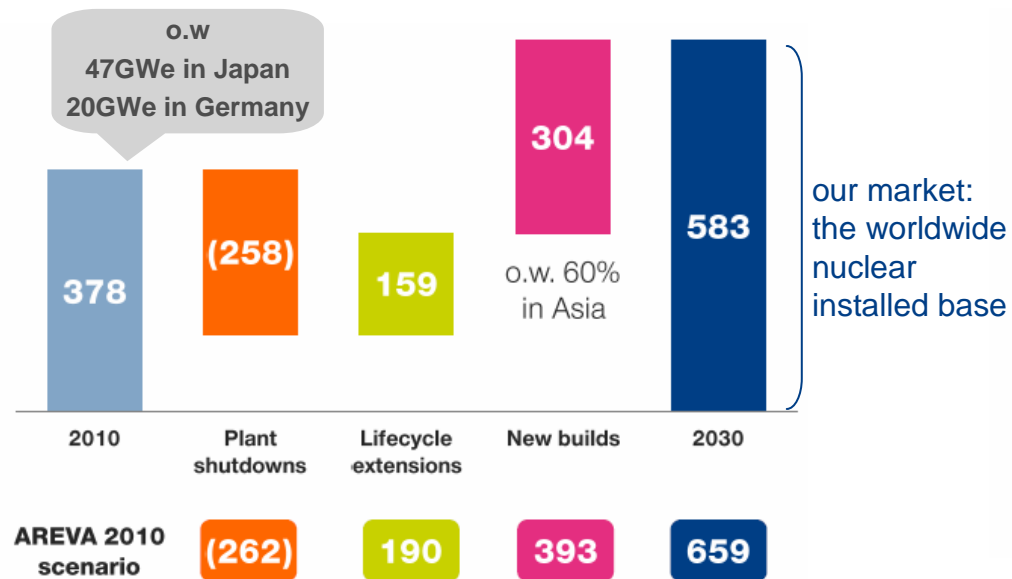
■ Appendix

Convincing AREVA 2011 scenario, in line with international organizations

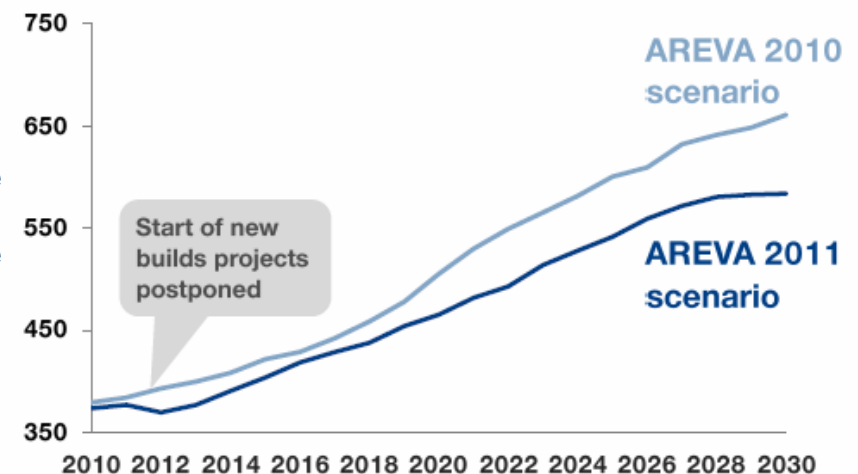


AREVA 2011 scenario (GWe)

Reassessed at end-June 2011

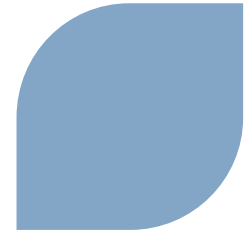


Change in global installed base (GWe)





Nuclear installed base: over 50% growth expected by 2030

A half-year period marked by development in the nuclear market



Developments concerning the installed base worldwide

-  **February:** connection to the grid of new Hongyanhe 1 reactor in China
-  **March:** construction permit issued to EDF Energy for 2 EPR™ reactors at the Hinkley Point C site in the UK
-  **May:** authorization by the Belgian regulator for the restart of the Doel 3 and Tihange 2 reactors in Belgium
-  **February/June:** operations suspended at 4 reactors in the United States
-  **July:** application of 4 Japanese utilities to restart 12 reactors

Developments concerning the fuel cycle market

-  **May:** announcement by USEC of the shut down of the Paducah gaseous diffusion enrichment plant in the United States
-  **June:** Franco-Japanese statement on cooperation to prepare for the restart of the Rokkasho-Mura recycling plant in Japan
- June:** announcement by E.ON, RWE and the British and Dutch governments of their intention of selling their shares of Urenco

Lower market prices but little impact on the group's operations



Market trends			AREVA performance
Uranium*	Spot price	June 2012	11.5% increase year on year in AREVA's average sales price
	LT price	June 2013	
Enrichment**	Spot price	\$50.75/lb	Georges Besse II production already sold at c. 90% for 2012-2020 c. 85% for 2020-2030 at guaranteed prices
	LT price	\$61.25/lb	
	Spot price	\$130/SWU	
	LT price	\$143/SWU	
		\$39.60/lb	
		\$57.00/lb	
		\$112/SWU	
		\$119/SWU	



The long-term contract model with customers in the Mining and Front End BGs is bearing fruit

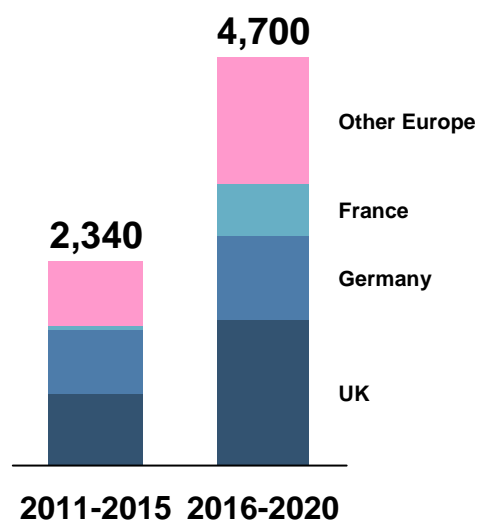
Renewable Energies: growth expected on our markets

Estimated average annual market size in volume

Sources: IEA World Energy Outlook for CSP and Bioenergy, AREVA forecasts for Offshore Wind (WEO does not distinguish onshore/offshore)

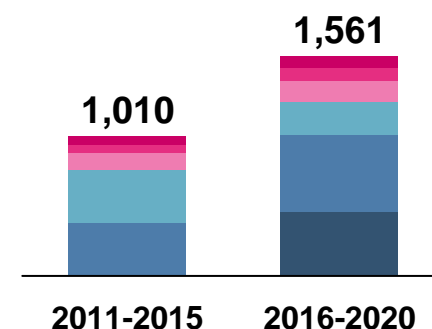
Offshore wind market (Europe)

(MW)



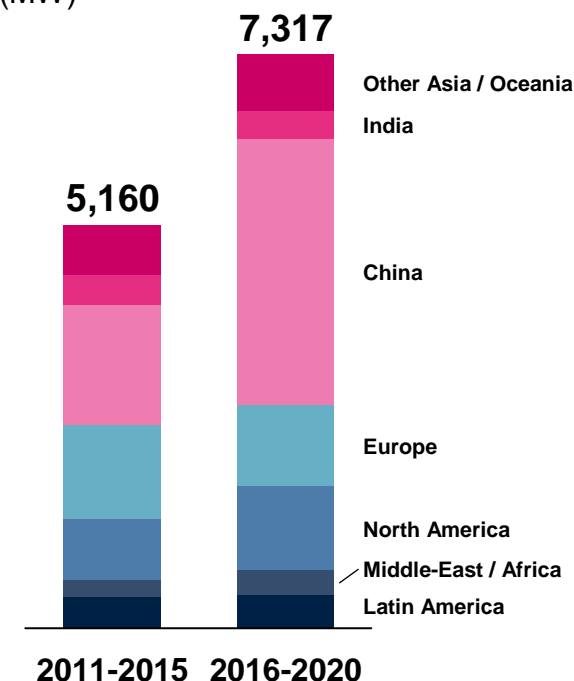
Solar CSP market (World)

(MW)



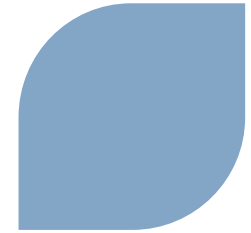
Bioenergy market (World)

(MW)



AREVA's positioning on renewable market: selected growing activities

Significant developments in 2013 in the renewable energies market



Customers recognize the value of AREVA's offer

Recent examples

Offshore Wind :
selection by the GDF
Suez – EDP Renewables
consortium as exclusive
turbine supplier (1,000
MWe)



Bioenergy: selection by
neoen for the
construction of a
biomass co-generation
power plant in
Commentry (Allier –
France)



Competitive landscape changing

Incumbents terminate or
dispose of some activities
(e.g. Siemens/Solel and
ABB/Novatec in solar)

Financial difficulties for
some competitors

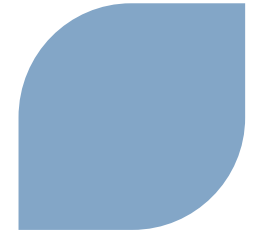
Customers still face challenges to launch projects

Delays in projects'
financial close

Political
announcements/rumors on
changes in
tariffs/regulation

Delays in grid connection

Agenda



■ Introduction

■ Our markets & recent evolutions

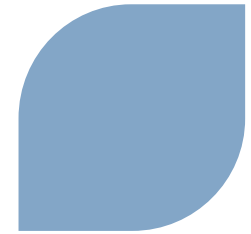
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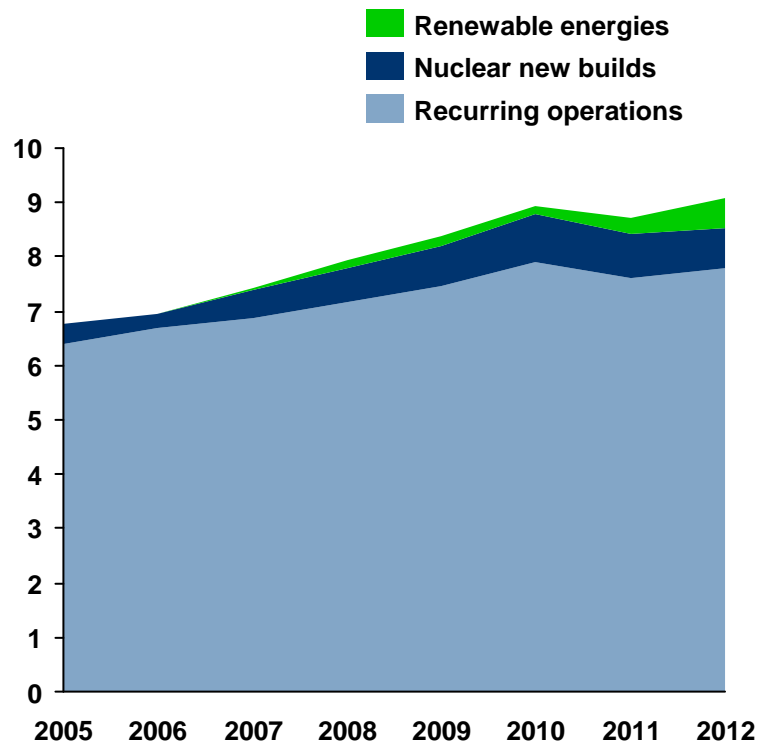
■ Financial outlook

■ Appendix

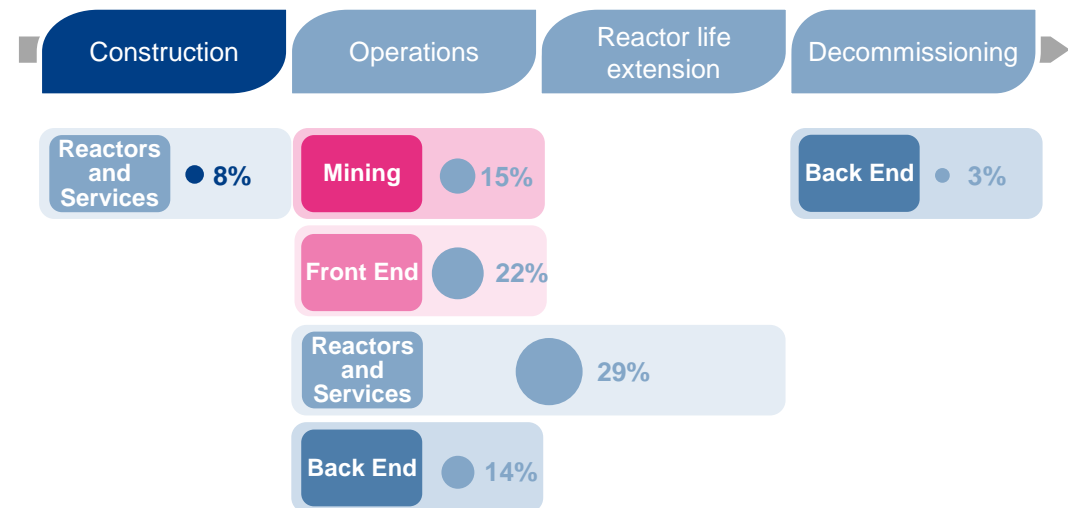
Relying on solid foundations: recurring operations



**Recurring operations:
85% of group's revenue**



**Presence of AREVA in nuclear reactors' lifecycle
(% of AREVA 2012 revenue)**



Delivering on ACTION 2016 strategic axes

Safety • Security • Transparency

Commercial
priority given
to value
creation

Selectivity
in
capital spending

Debt
management

Performance improvement

Nuclear and
occupational
safety

Operations and
Customers

Economic
Competitiveness

Technology and
Innovation

People

Adapting our offering to meet customers requirements

Fuel cycle: integrated offers

Current targets:

Utilities with small reactors fleet
New comers in nuclear

Major successes:

Monticello reactor (USA) : 5 fuel reloads (incl. enriched uranium) (\$500m)



United Arab Emirates: supply of enriched uranium for the first 8 years of operation (> €400m)



Services: Safety Alliance & Forward Alliance



AREVA
Safety Alliance

providing a comprehensive range of products, services and solutions to help utilities meet every-increasing safety requirements
Since its launch: more than 100 projects in 19 countries for around 50 power companies



AREVA
Forward Alliance

meeting utilities needs to extend the lifecycles of their reactors while improving their safety through the end of the operating period

Back-end: treatment solutions & dismantling expertise

joint statement of cooperation with JNFL to prepare for the commercial restart of the Rokkasho-Mura used fuel recycling plant (June 2013)

cooperation agreement with ATOX for the creation of a JV dedicated to the joint development of innovative solutions focused initially on rehabilitation of the Fukushima site (June 2013)

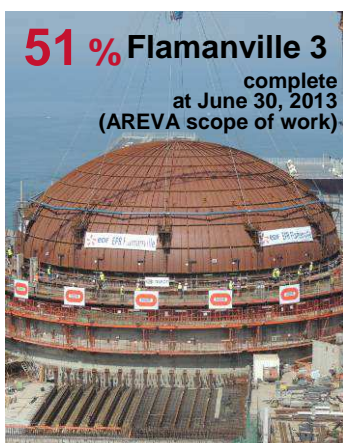
creation of an expertise dismantling center (2012)

Applying our unique experience on ongoing new builds projects



EPR™ : most advanced technology in terms of construction worldwide

Unique lessons learnt between OL3 and Taishan



Cost savings / Optimization

Procurement

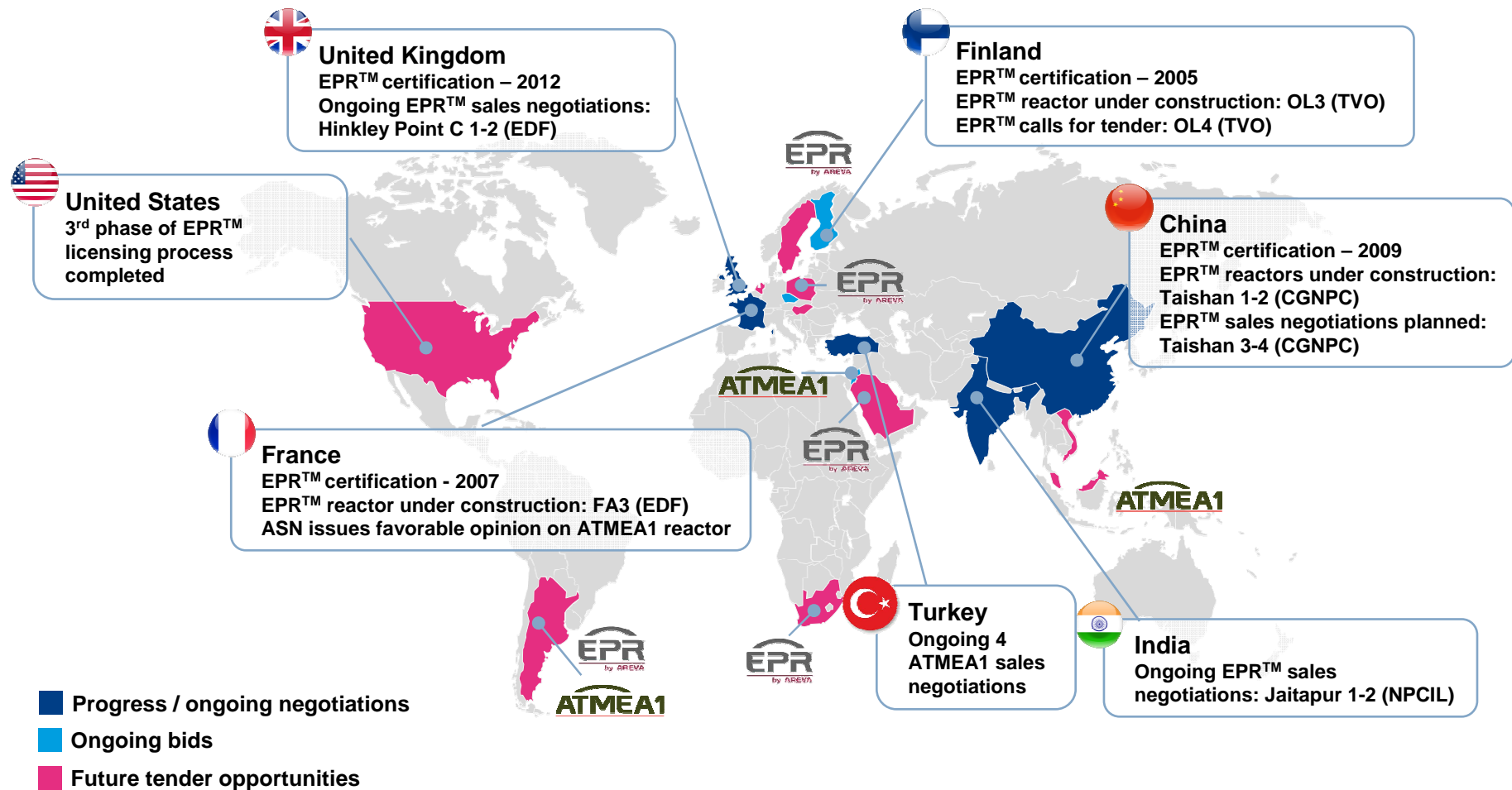
Organization

Construction

Engineering

-15% cost of nuclear island
between 2008 and 2012

Staying ahead of the competition in major NNB* tenders



* NNB: Nuclear New Builds

Renewing our production capacities

Mining

Cigar Lake



- Operating license received June 17, 2013
- Start of production scheduled for end of Q1 2014

Imouraren



- Start of mining operations and initial stripping of the first pit
- First ore extraction scheduled for 2015

Front End

Georges Besse II



- North Unit startup on March 29, 2013
- More than 50% of nominal capacity already in production

Comurhex II











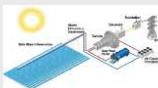






- At Malvésí, start of transfer to the operator of the CXII operating system on July 20, 2013



Focusing on strategic investments and future profitable assets

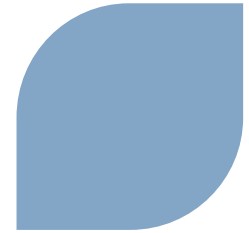
Adapting our renewable offering to market environment

A targeted offer	with strong technological content	relying on commercial references	recent successes
 <p>Bioenergy Power Generation</p>	<p>Acquisition of a leading biomass torrefaction technology</p> 	<p>500+ projects worldwide totalizing over 2.5 GW</p> <p>35 years of experience</p>	<p>September 2013: contract for a co-generation power plant in France</p> 
 <p>Offshore Wind Power Generation</p>	 <p>A light-weight structure</p>	<p>Supplying and installing 120 turbines with a 600 MW output (Global Tech 1 & Borkum West 2)</p>  	<p>July 2013: selection by the GDF Suez – EDP Renewables consortium as exclusive turbine supplier</p>  
 <p>Concentrated Solar Thermal</p>	<p>Flat mirrors and variable steam</p> 	<p>Reliance project in India</p>  	<p>July 2013: signature of a strategic partnership with PCMC</p>
 <p>Storage</p>	<p>Membrane technologies for electrolysis stacks and fuel cells</p>	<p>Myrte storage system (500 KWc)</p> 	<p>July 2013: PED certification for its electrolysis stack</p>



Applying AREVA's historical nuclear expertise in renewable development

Agenda



■ Introduction

■ Our markets & recent evolutions

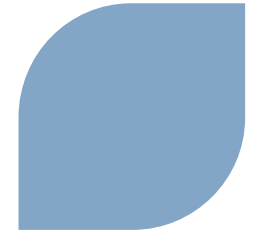
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■ Financial outlook

■ Appendix

First half of 2013: the turnaround in performance continues

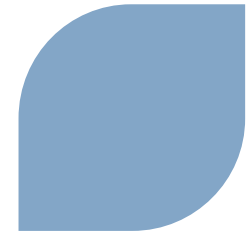


- Very strong sales revenue growth: +13.0% like for like
- Marked increase in EBITDA*
- Very significant improvement in free operating cash flow; positive free operating cash flow in the 2nd quarter
- Good progress on the cost reduction plan

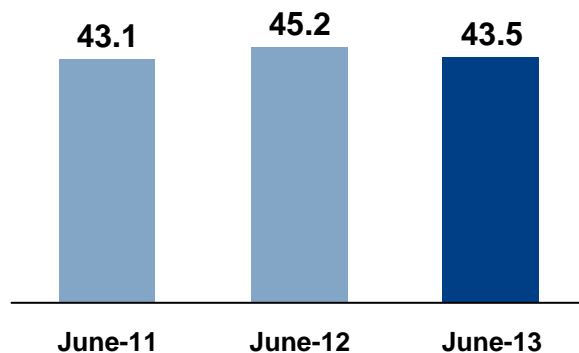
» Continued turnaround in a still uncertain market;
confirmation of our profitability and cash
generation targets

* Excluding OL3 insurance indemnity awarded in H1 2012

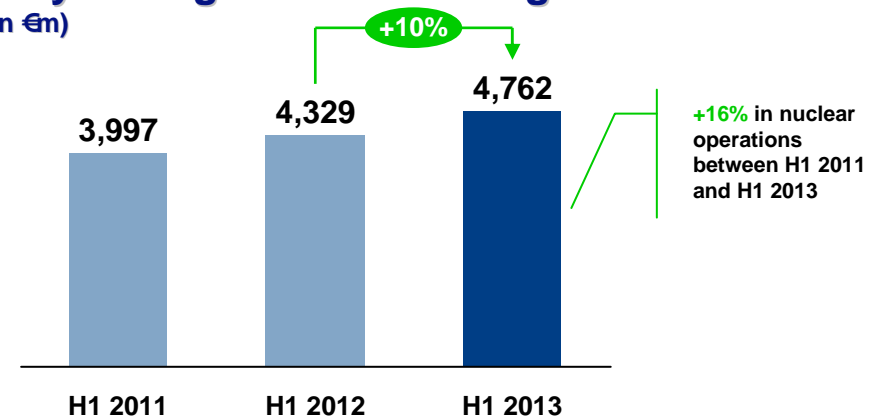
Significant progress accomplished throughout transition period



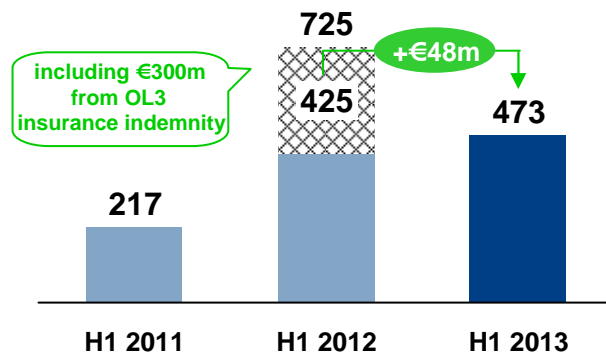
Backlog: nearly 5 years of revenue
(in €bn)



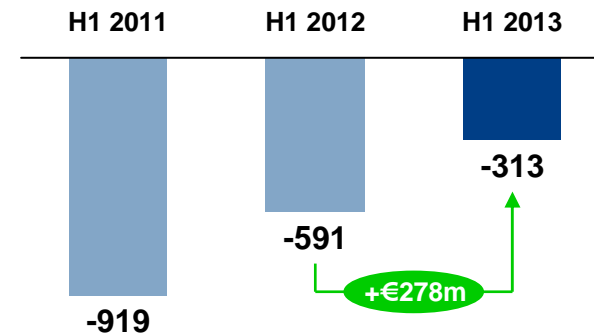
Very strong sales revenue growth
(in €m)



Marked increase in restated EBITDA**
(in €m)



Very significant improvement in restated free OCF**
(in €m)

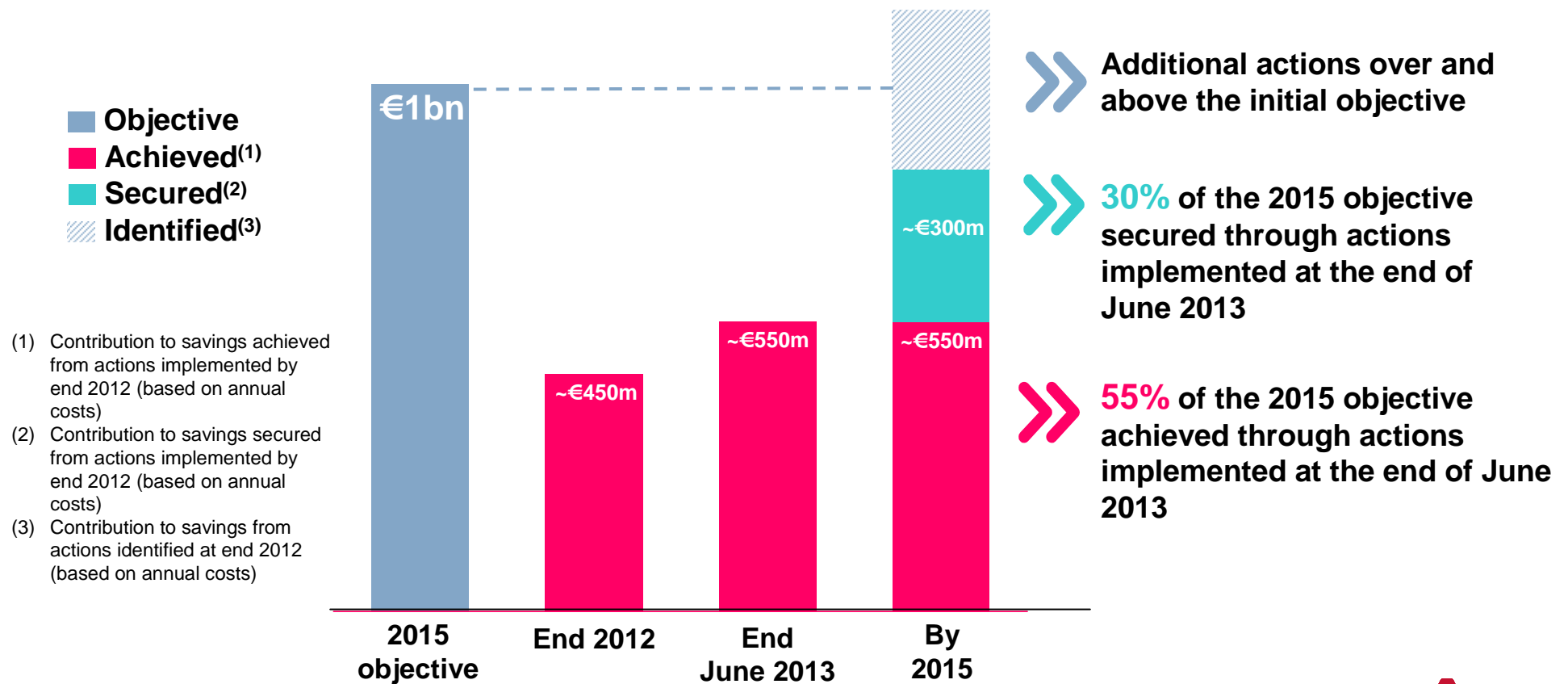


* +10.0% in reported data

** Restated for asset disposals in 2012

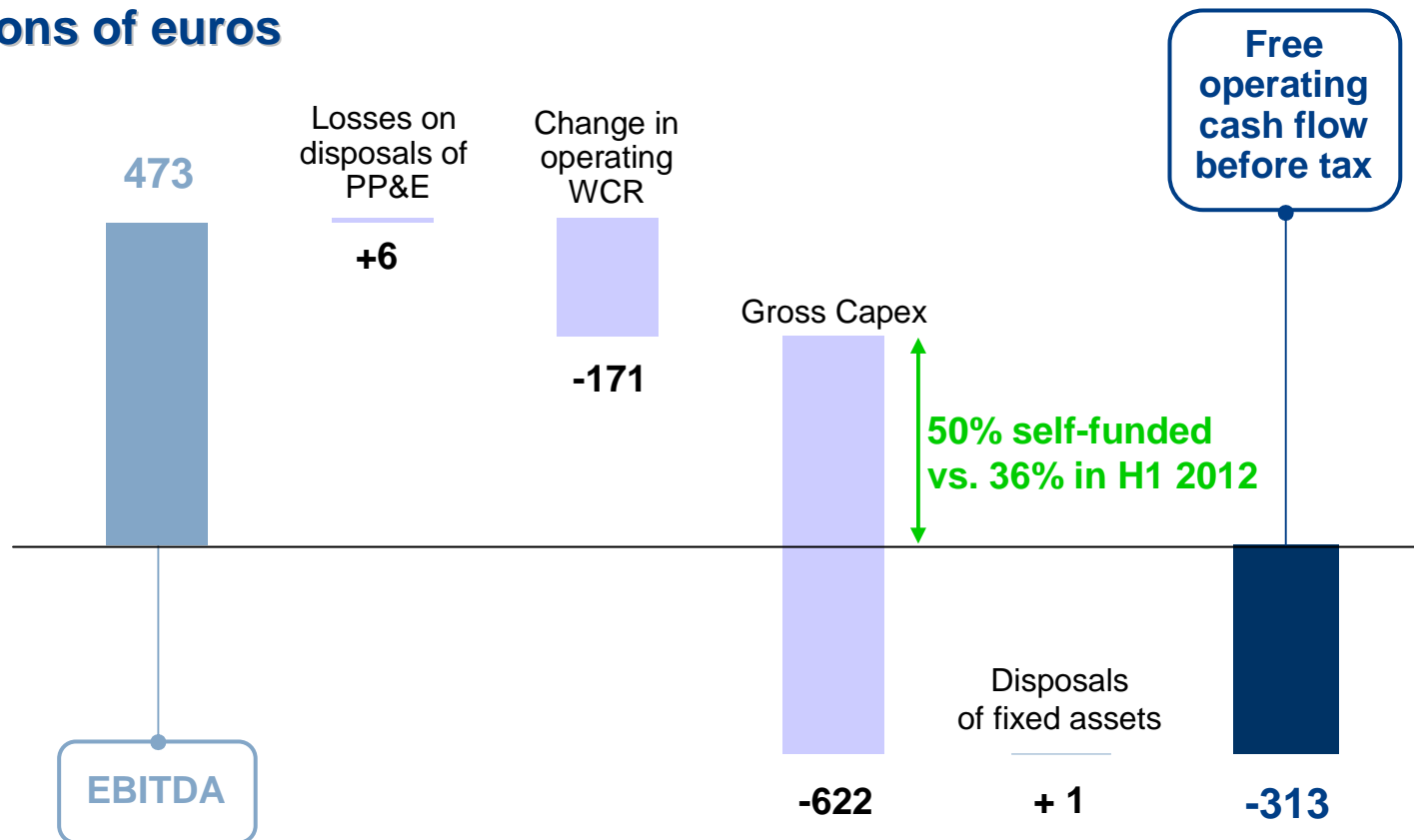
Cost savings: 55% achieved, 85% secured

Objective: - €1bn in annual operating costs by 2015



Free operating cash flow: half of Capex self-funded

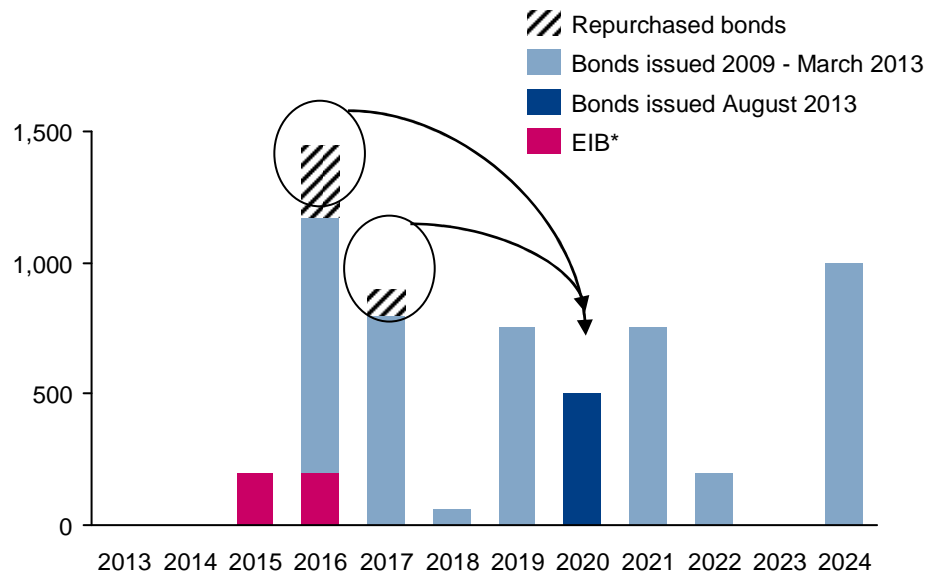
In millions of euros



Positive free operating cash flow over Q2 2013 for the group and over H1 2013 as a whole (+€62m) for nuclear activities

Financial structure further strengthened

Schedule of main financial obligations (€m at September 30, 2013)



Net cash available
at June 30, 2013**

€1.0bn

Asset disposals program: minimum objective of €1.2bn over the 2012-2013 period achieved in August 2012

- August 2013 : closing of the sale of AREVA's 65.2% share in Technoplus Industries (TPI) to AVA Conseil

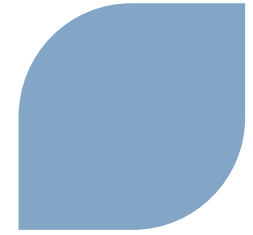
Liabilities management

- August 2013: completion of a €500m bond issue (7-year maturity) with lowest coupon (3.25%) ever since AREVA has launched its EMTN program
- September 2013: completion of a 5-year private placement, JPY 8bn bond issue (~€60m)
- September 2013: bond buy back on AREVA notes maturing in 2016 and 2017 (~€330m)

* BEI/EIB: European Investment Bank

** Cash, cash equivalents and other current financial assets minus current borrowings

Agenda



■ Introduction

■ Our markets & recent evolutions

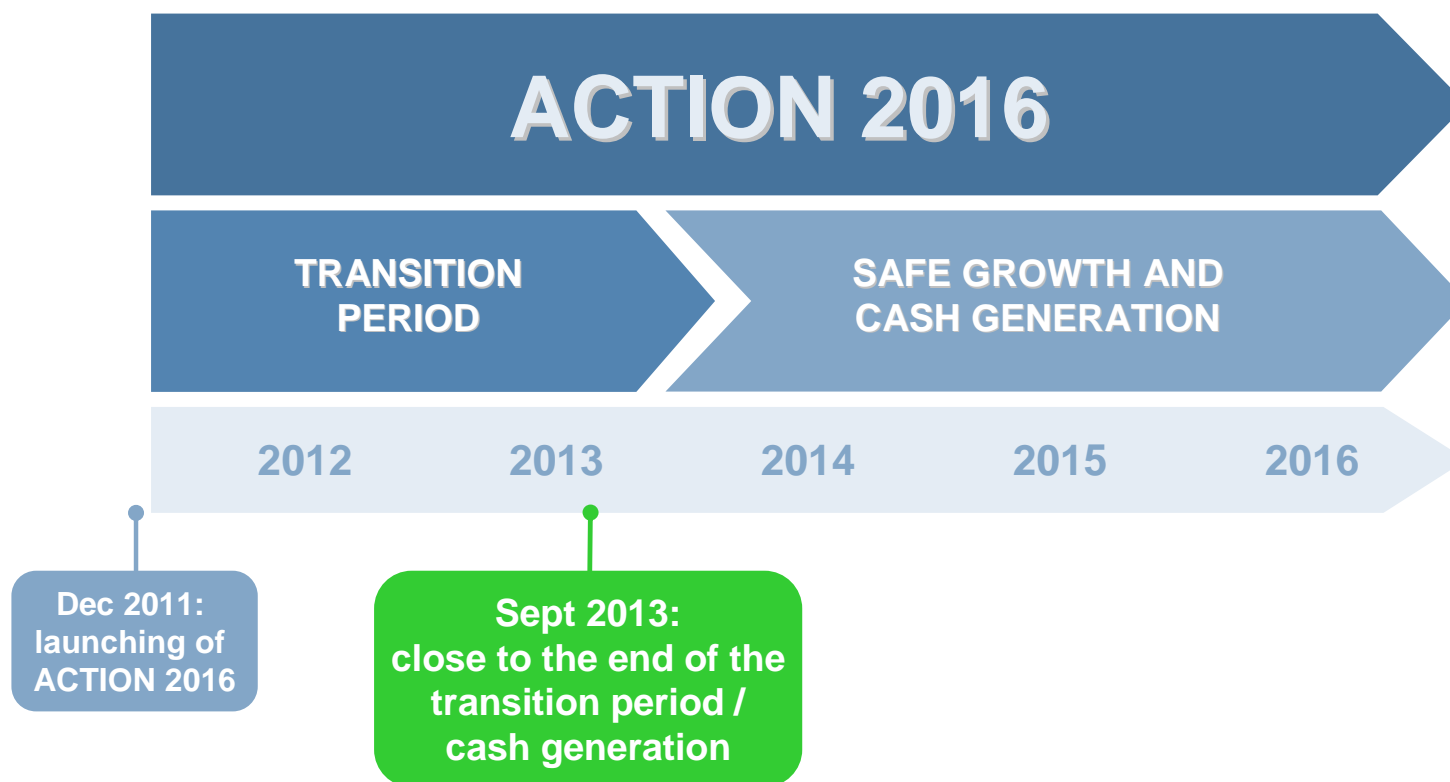
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■ **Financial outlook**

■ Appendix

Objective: secure our future



Our half year 2013 performance confirms our financial outlook



	H1 2013 actual	2013 outlook	Underlying assumptions
Revenue	Nuclear: +14.9% LFL	Nuclear: +3 to 6% LFL	■ H2 2013 comparable to H2 2012 after a very strong H1
	Renewables: €214m	Renewables: c. €450m*	■ No significant contribution from new contracts
EBITDA	€473m	> €1.1bn	■ Catch-up in Recycling production ■ Ongoing cost reduction plan actions
Free operating cash flow before tax	-€313m	Break-even	■ Positive contribution of WCR with new contracts expected ■ Capex management (≤ €1bn in H2 2013)

At constant consolidation scope and excluding impacts of asset disposals

* vs. c. €600m previously

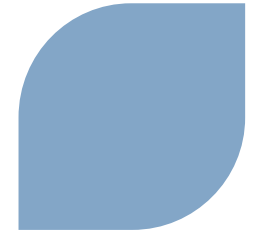
Financial outlook



	2013 outlook	2015-2016 outlook
Revenue	Nuclear: +3 to 6% LFL Renewables: c. €450m	Nuclear: +5 to 8% per year Renewables: > €1.25bn
EBITDA	> €1.1bn	
Free operating cash flow before tax	Break-even	> +€1.0bn/year starting in 2015

At constant consolidation scope and excluding impacts of asset disposals

Agenda



■ Introduction

■ Our markets & recent evolutions

■ Action 2016: executing our strategy to strengthen our leading positions

■ Turnaround in performance: on track to achieve our objectives

■ Financial outlook

■ **Appendix**

Contacts & Agenda

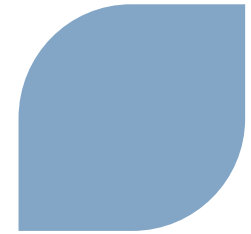
Contacts

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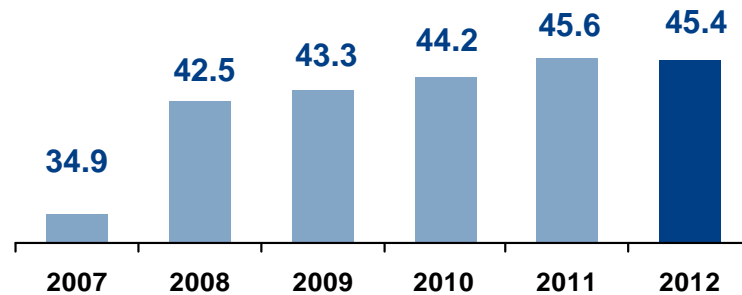
Agenda

- **October 24, 2013**
17h45 CEST
Press release - Q3 revenue and related information
- **January 30, 2014 - TBC**
17h45 CET
Press release - 2013 sales revenue
- **February 26, 2014 - TBC**
17h45 CET
Conference and webcast: 2013 annual results

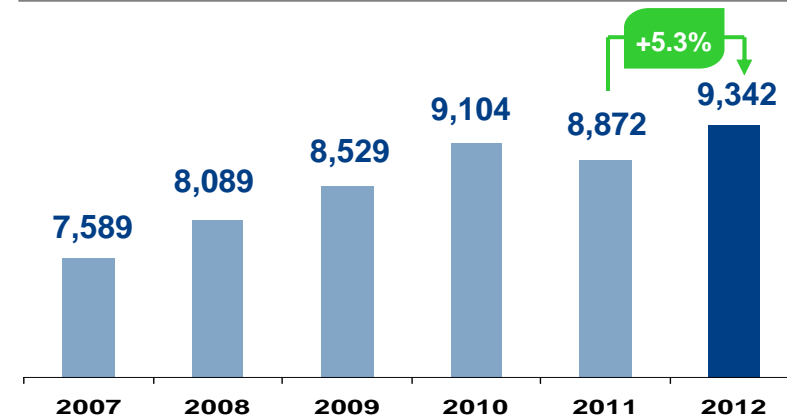
Commercial dynamism and improved profitability



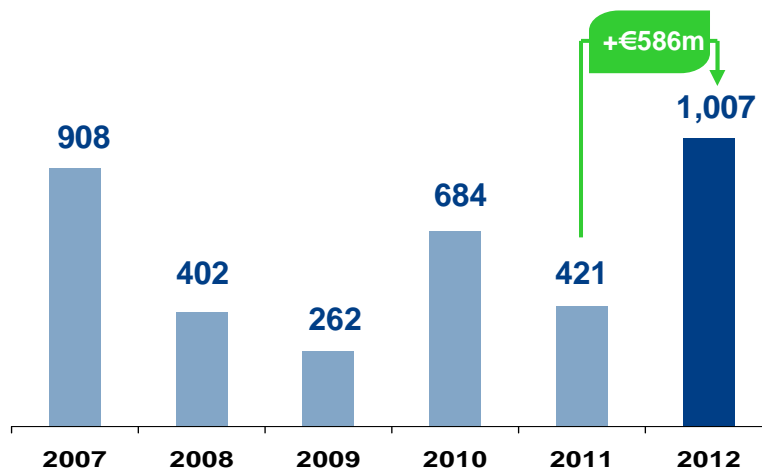
Backlog (€bn)



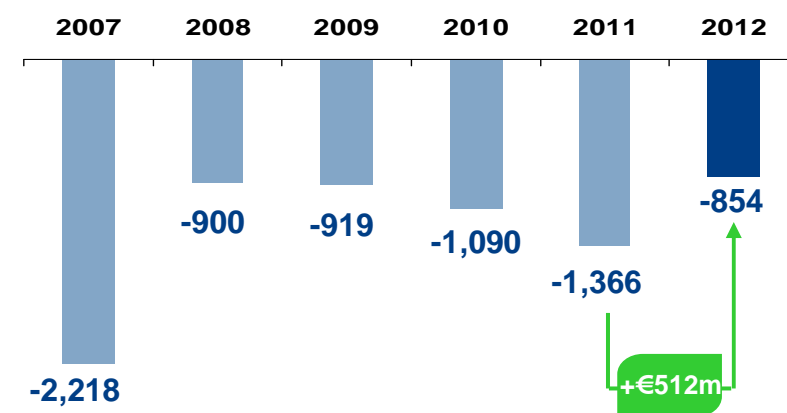
Revenue (€m)



Restated EBITDA* (€m)

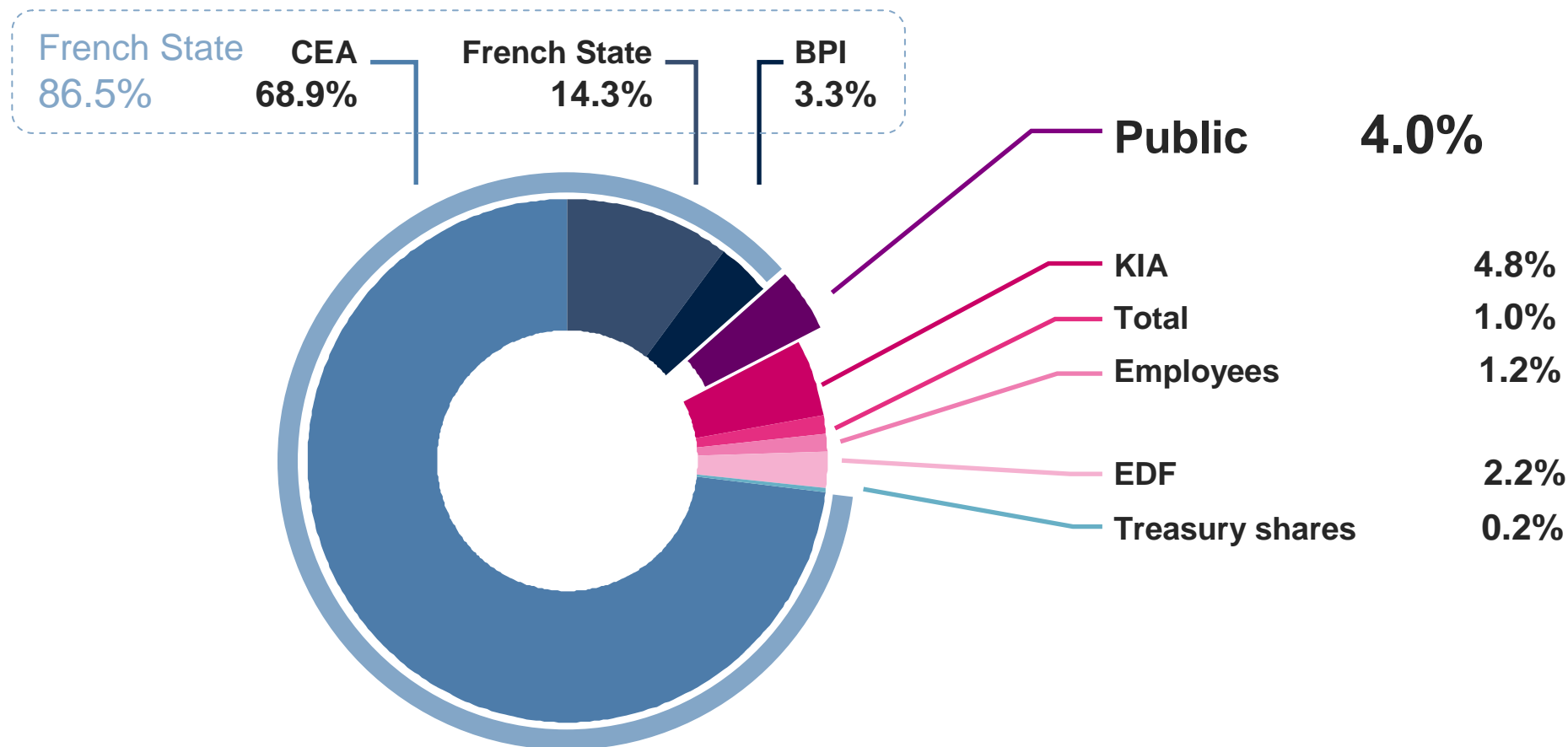


Restated FCF before tax* (€m)



*Restated for Siemens impacts in 2011 and capital gains on disposal of stakes in Mining and Enrichment projects

AREVA ownership structure

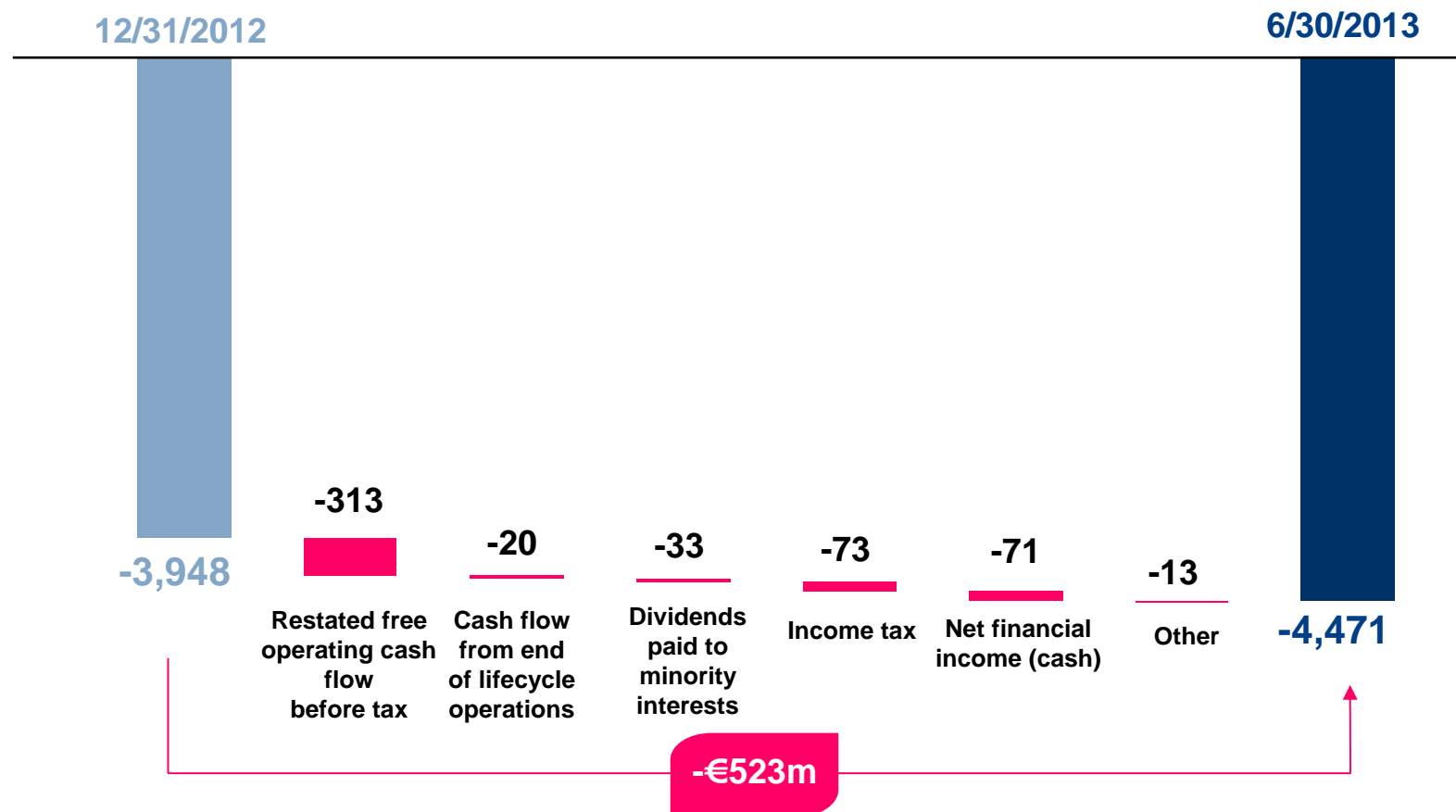


CEA: Commissariat à l'Energie Atomique et aux Energies Alternatives
BPI: Banque Publique d'Investissement

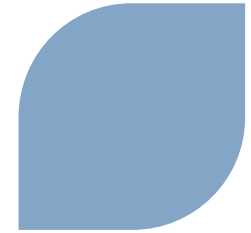
KIA: Kuwait Investment Authority

Net debt

In millions of euros



Disclaimer



Forward-looking statements

This document contains forward-looking statements and information. These statements include financial forecasts and estimates as well as the assumptions on which they are based, statements related to projects, objectives and expectations concerning future operations, products and services or future performance. Although AREVA's management believes that these forward-looking statements are reasonable, AREVA's investors and shareholders are hereby advised that these forward-looking statements are subject to numerous risks and uncertainties that are difficult to foresee and generally beyond AREVA's control, which may mean that the expected results and developments differ significantly from those expressed, induced or forecast in the forward-looking statements and information. These risks include those explained or identified in the public documents filed by AREVA with the AMF, including those listed in the "Risk Factors" section of the Reference Document registered with the AMF on 03/28/2013 (which may be read online on AREVA's website www.areva.com). AREVA makes no commitment to update the forward-looking statements and information, except as required by applicable laws and regulations.



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