



AREVA

# First half Results 2010

Anne LAUVERGEON, CEO

Alain-Pierre RAYNAUD, CFO

Friday, July 30, 2010





## ▶ **Developments at AREVA**

- ▶ Group performance
- ▶ Business Group performance
- ▶ Financial results
- ▶ 2010 outlook

# Developments at AREVA

## 1 Customer construction projects: five "new builds"

- ◆ Four EPR reactors: OL3 (TVO), Taishan 1&2 (CGNPC) and Flamanville 3 (EDF)
- ◆ MOX fuel fabrication facility (US DOE)

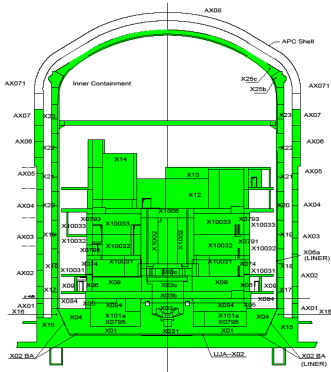
## 2 Industrial developments at AREVA

- ◆ Mine site development
- ◆ Comurhex II conversion plant
- ◆ Georges Besse II enrichment plant
- ◆ Eagle Rock enrichment plant
- ◆ AREVA Wind and AREVA Solar

## 3 Strengthening our financial resources

# Current status of the reactor projects

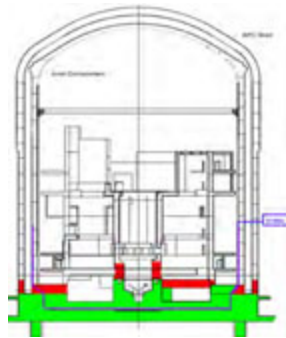
## OL3 (Finland) Turnkey power plant



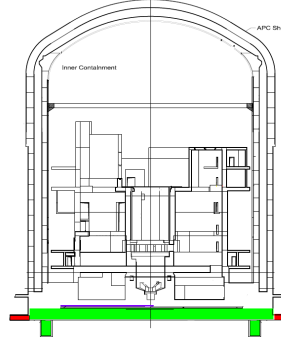
- ▶ Concrete seal of the dome complete
- ▶ Main civil works complete
- ▶ Engineering work nearing completion
- ▶ Reactor vessel installed
- ▶ Architecture of the I&C system accepted
- ▶ Startup of nuclear operations for late 2012

## Taishan 1&2 (China) 2 nuclear islands

Unit 1



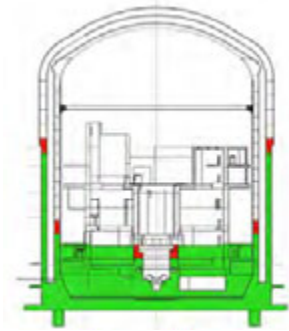
Unit 2



- ▶ Unit 1: installation of 3<sup>rd</sup> reactor liner ring
- ▶ Unit 2: 1<sup>st</sup> concrete poured
- ▶ Engineering work nearly 52% complete
- ▶ 75% of procurement orders placed (in €)
- ▶ The main primary components are being manufactured

- Concrete work completed
- Rebar is being installed - concrete comes next
- The reactor's containment liner has been installed

## FA3 Nuclear steam supply system



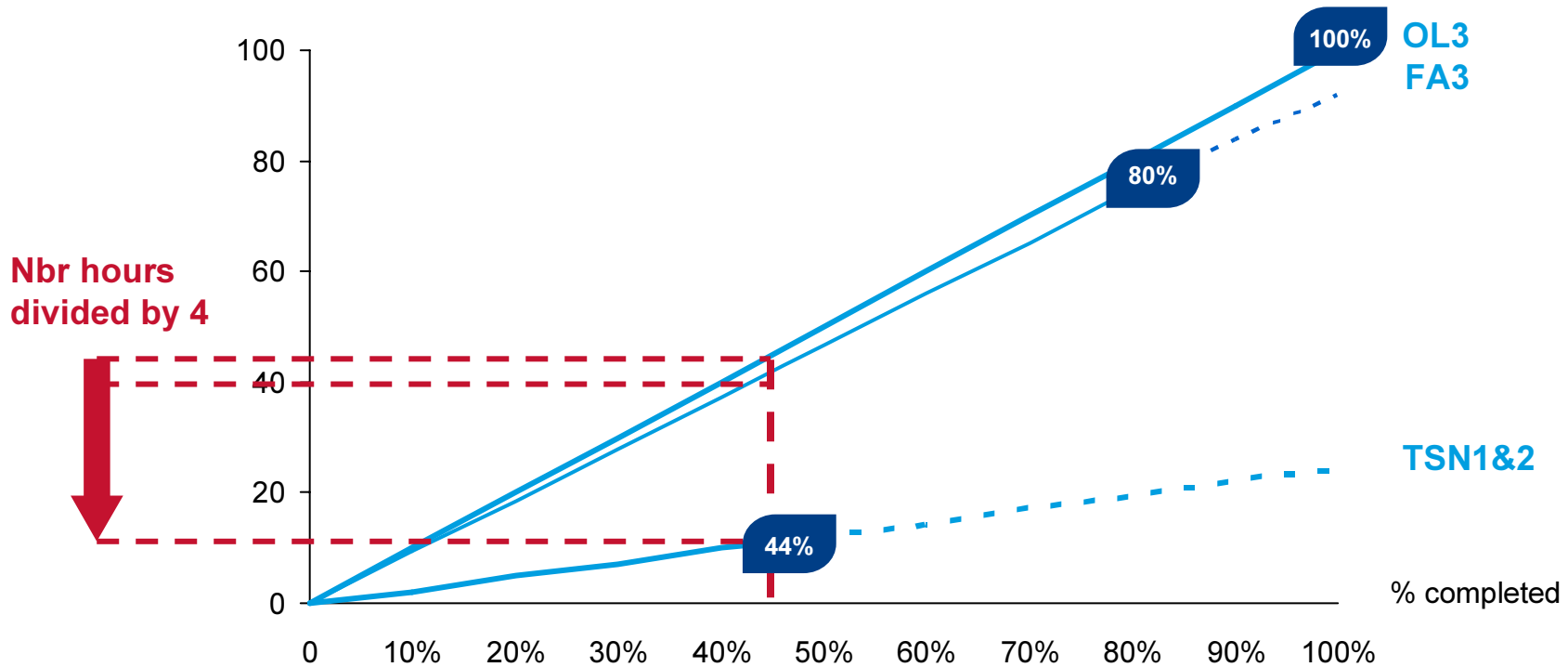
- ▶ 90% of procurement orders placed (in €)
- ▶ Engineering work nearly 80% complete
- ▶ Heavy component manufacturing continues: the reactor vessel will be available late 2010
- ▶ Installation of first equipment (AREVA's scope)

# Engineering for EPR reactors: the value of lessons learned



## ► Progress indicator for EPR reactor engineering work (nuclear steam supply systems - NSSS)

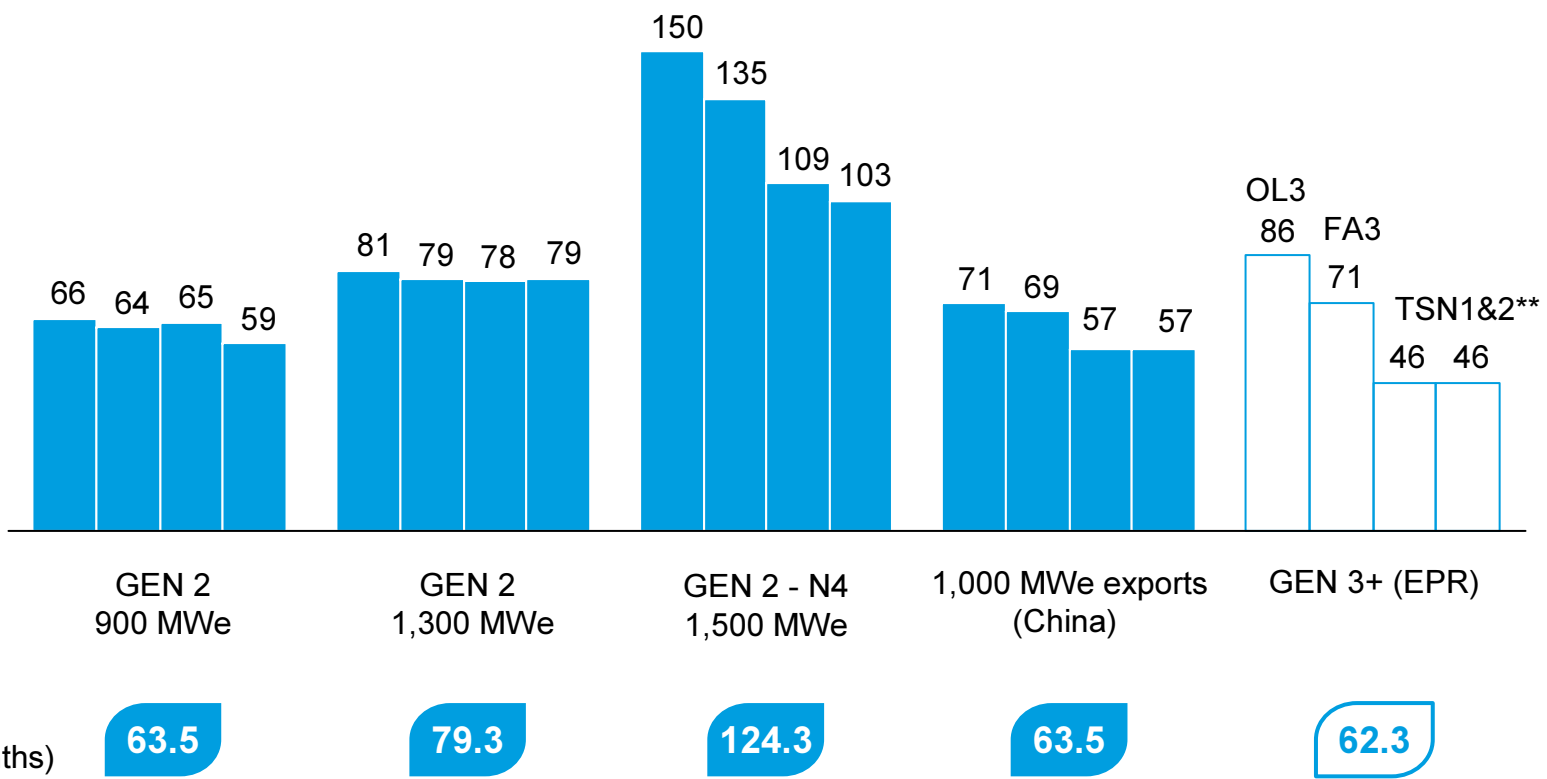
▮ Engineering hours (June 2010 - rebased 100 - compared with OL3)



Source : AREVA

# EPR reactors: average estimated construction time in line with previous reactor series

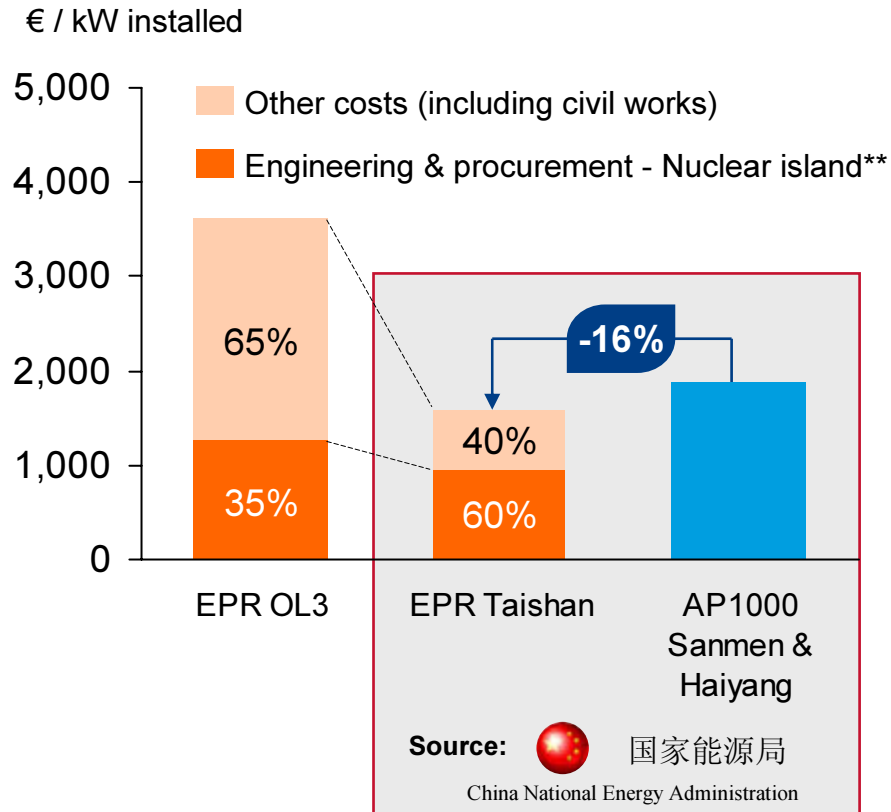
Construction time between the first concrete pour and startup of nuclear operations (# of months)\*



\* based on the first four units of the reactor series  
 \*\* Source: CGNPC

# EPR reactor competitiveness with competing generation 3+ reactors

## Capital cost\* - The Chinese example



\* Exchange rate used: CNY / EUR average for 2009: 9.47

\*\* Scope of work: nuclear island excluding installation / construction / testing / civil works

Source: China National Energy Administration (Dec. 2009); AREVA analysis

- ▶ Impact of lessons learned with the Finnish and French EPR reactors
- ▶ "Redesign to cost" initiative for Nuclear Steam Supply System work
- ▶ Cost basis optimization through partnerships with local suppliers
- ▶ Cost cutting opportunities, particularly in areas other than engineering and procurement for the nuclear island
- ▶ Performance achieved at the Taishan EPR reactor project in China illustrates the potential for optimization
- ▶ Ongoing initiatives to implement the same approach in other regions of the world



# Deploying a range of generation 3+ reactors

1



1,650 MW



1,100 MW



1,250 MW

<b>Output</b>	Large	Medium output	
<b>Technology</b>	Pressurized water		Boiling water
<b>Status</b>	<ul style="list-style-type: none"> <li>• Under construction: 4</li> <li>• Exclusive negotiations: 18</li> <li>• Request for proposal: 10+</li> </ul>	<ul style="list-style-type: none"> <li>• Basic design completed</li> <li>• Safety design basis review ongoing with ASN (completion fall 2011)</li> <li>• Commercial offers in progress</li> </ul>	<ul style="list-style-type: none"> <li>• Basic design completion set for late 2010</li> </ul>
<b>Partners / sponsors</b>			

- ▶ Generation 3+: the most demanding safety criteria
- ▶ Cost competitive (full cost per MWh)
- ▶ Operating performance

# Recycling weapons grade plutonium into MOX fuel

- ▶ Construction of a MOX fuel fabrication facility for the DOE to recycle plutonium recovered from surplus weapons
- ▶ First "new build" licensed by the NRC under construction in the United States
- ▶ AREVA – Shaw consortium: cost + fee contract
- ▶ Total budget: \$4.8 billion
- ▶ Percentage of completion: 44%, on time and on budget
- ▶ Startup scheduled for 2016



# Industrial developments at AREVA

## Mining – Front End

### Mine site development

- ▶ Priority given to organic growth



Katco



Cigar Lake



Somair



Imouraren



Trekopje

### Uranium conversion:

Transition Comurhex I → Comurhex II

- ▶ Replacing and modernizing production capacity
- ▶ Investing in 15,000 metric tons of capacity/year
- ▶ Civil works have started

### Enrichment

Georges Besse II - *France*

- ▶ Spinup of the first cascade achieved in 2009
- ▶ First production scheduled for late 2010
- ▶ Production at full capacity in 2016

### Enrichment - Eagle Rock - *United States*

Securing financing

- ▶ \$2 billion loan guarantee received from DOE
- ▶ Evaluation criteria: reliability of the proposed technology, innovation and financial strength
- ▶ Construction will begin in 2011 subject to licensing and the necessary diplomatic agreements

# Industrial developments at AREVA Renewables

## AREVA Wind

- ▶ Acquisition of the remaining shares (49%) of Multibrid
- ▶ High-tech blade manufacturer (PN Rotor) acquired end 2009

Assembling wind turbine nacelle

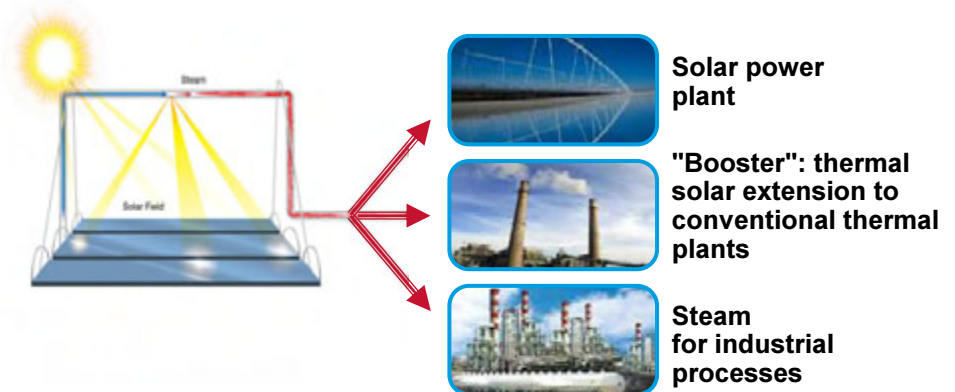


Blade manufacturing



## AREVA Solar

- ▶ Acquisition of Ausra (renamed AREVA Solar) finalized in March 2010
- ▶ Concentrated solar thermal power
- ▶ Steam production and management: AREVA's core expertise
- ▶ Booming solar technologies:
  - ◆ Selected applications



# Strengthening AREVA's financial resources

Development plan approved June 30, 2009

Sale of financial assets



▶ Finalized in 2009 → €1.0bn  
(GDF-Suez /Total)

Sale of minority interests in strategic assets



▶ 2009 program finalized → €500m  
▶ Other sales anticipated by 2012

T&D disposal



▶ Transaction closed on June 7, 2010  
▶ Gain: €1.3bn  
▶ Cash generated: €3.1bn



Cash generated: €5bn

# Strengthening AREVA's financial resources: pending actions

Announcements made on July 27, 2010

- ▶ **Before the end of 2010: open up capital to the value of 15%, to strategic and financial investors with whom the Group already started negotiations**
- ▶ **Under consideration: EDF could take a stake in AREVA's capital**

# AREVA maintains its 2012 growth and profitability outlook

despite significant development costs and the OL3 project in Finland



	Contribution to the group's performance in 2010	Short term factors	Trend for 2012
<b>Front End</b>	+	<ul style="list-style-type: none"> <li>• Uranium price volatility</li> <li>• Managing the technology transitions from GBI to GBII and CXI to CXII*</li> </ul>	➔
<b>R&amp;S</b>	Services	+	➔
	New Builds except OL3	0+	
	OL3	- -	
<b>Back End</b>	+ +	<ul style="list-style-type: none"> <li>• Business in France secured through 2040</li> <li>• Export projects</li> </ul>	➔
<b>Renewable Energies</b>	-	<ul style="list-style-type: none"> <li>• "Startup" effect</li> </ul>	➔

\*Georges Besse I and Georges Besse II / Comurhex I and Comurhex II

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▶ Developments at AREVA

▶ **Group performance**

▶ Business Group performance

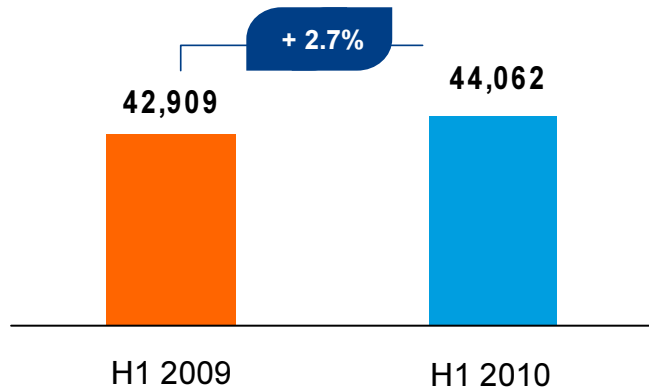
▶ Financial results

▶ 2010 outlook

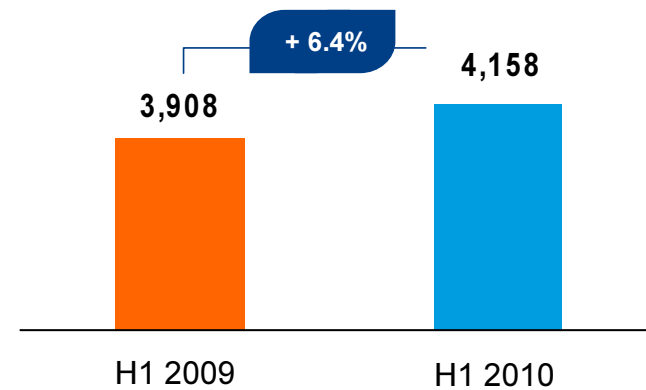


# Key indicators

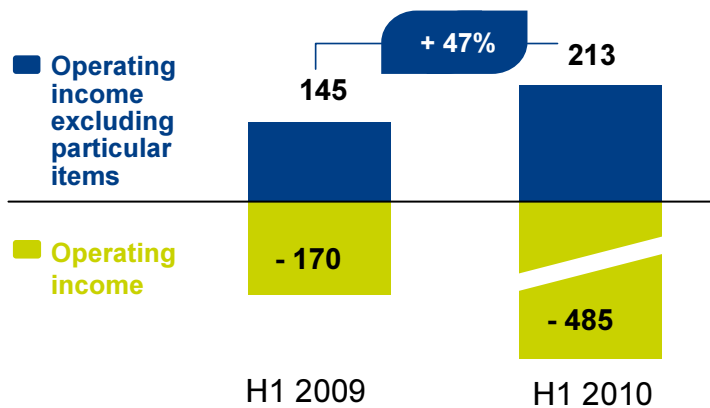
## Backlog (in millions of euros)



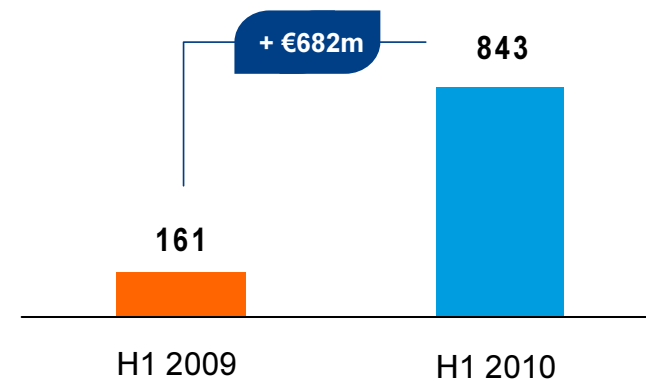
## Sales (in millions of euros)



## Operating income (in millions of euros)



## Net income group share (in millions of euros)



# Financial highlights of the first half of 2010

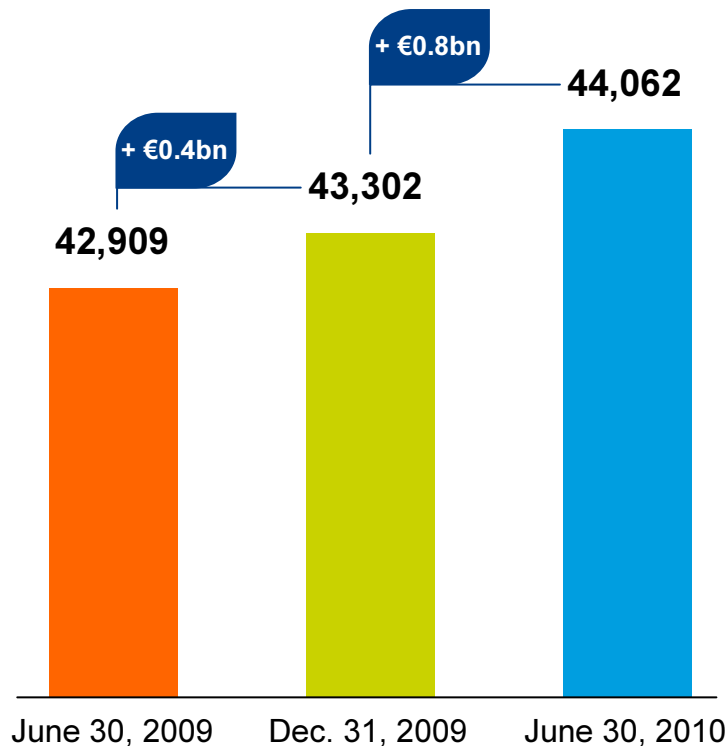
<i>In millions of euros</i>	H1 2009	H1 2010	Δ 10/09
<b>Backlog</b>	<b>42,909</b>	<b>44,062</b>	+ 2.7%
<b>Revenue</b>	<b>3,908</b>	<b>4,158</b>	+ 6.4%
<b>Operating income excluding particular items</b> <i>% of revenue</i>	<b>145</b> 3.7%	<b>213</b> 5.1%	+ €68m + 1.4 pts
Disposals / new partners - Mining/Front End assets*	247	19	
Project provisions**	(562)	(417)	
<i>Reversible accounting adjustment on Mining assets value</i>	-	(300)	
<b>Operating income</b>	<b>(170)</b>	<b>(485)</b>	€(315)m
<b>Net income Group share</b> <i>Net earnings per share</i>	<b>161</b> €4.55	<b>843</b> €23.82	+ €682m + 19.27 €
<b>Operating cash flow before Capex</b>	<b>(336)</b>	<b>(99)</b>	+ €237m
<b>Free operating cash flow</b>	<b>(805)</b>	<b>(1,084)</b>	€(279)m
	<b>Dec 31, 2009</b>	<b>June 30, 2009</b>	
<b>Net debt</b>	<b>6,193</b>	<b>5,152</b>	€(1.041)bn

**Organic growth<sup>\*\*\*</sup>**  
**+ 5.6%**

\* Including 191 million euros for sales of minority interests in the GBII enrichment plant in 2009;  
 \*\* Including 367 million euros in 2010 and 550 million euros in 2009 for the OL3 project in Finland;  
 \*\*\* at constant consolidation scope and exchange rates

# Backlog: + 1.2 billion euros year-on-year

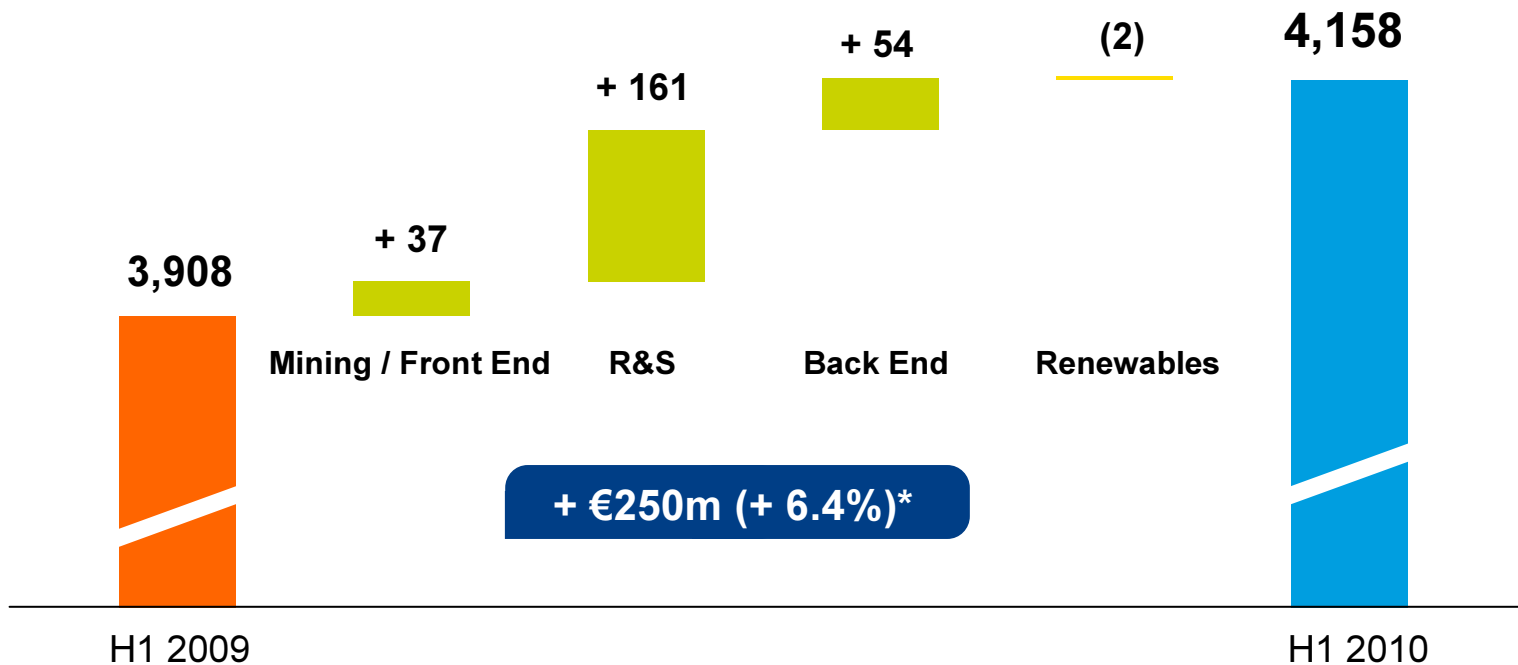
**Backlog** (in millions of euros)



- ▶ Buoyant commercial activity for recurring business
- ▶ Expansion in renewables

# Growth in all nuclear businesses

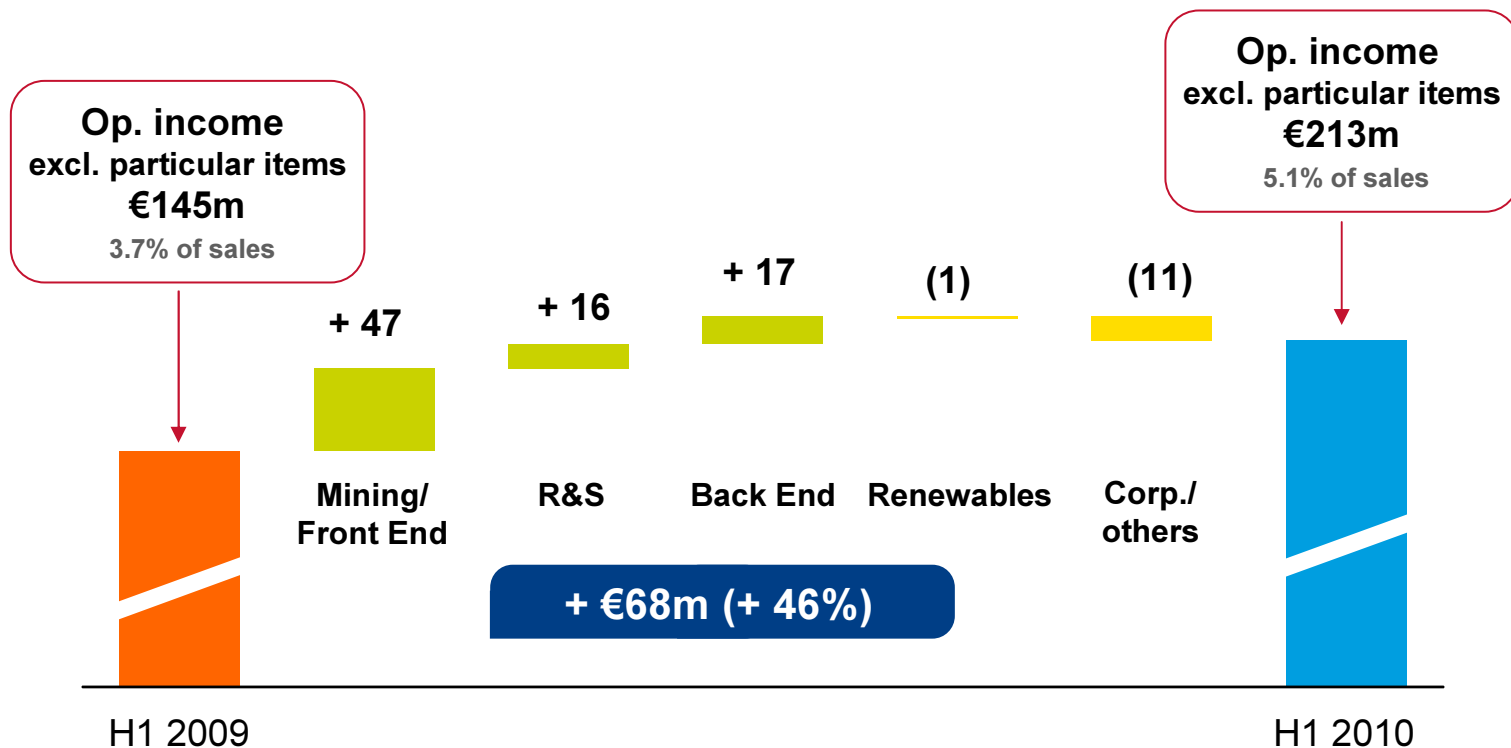
Revenue (in millions of euros)



\* + 5.6% at constant consolidation scope, accounting methods and exchange rates  
Average exchange rate euro / dollar for AREVA: H1 2010: 1.325 vs. H1 2009: 1.384

# Increase in operating income excluding particular items

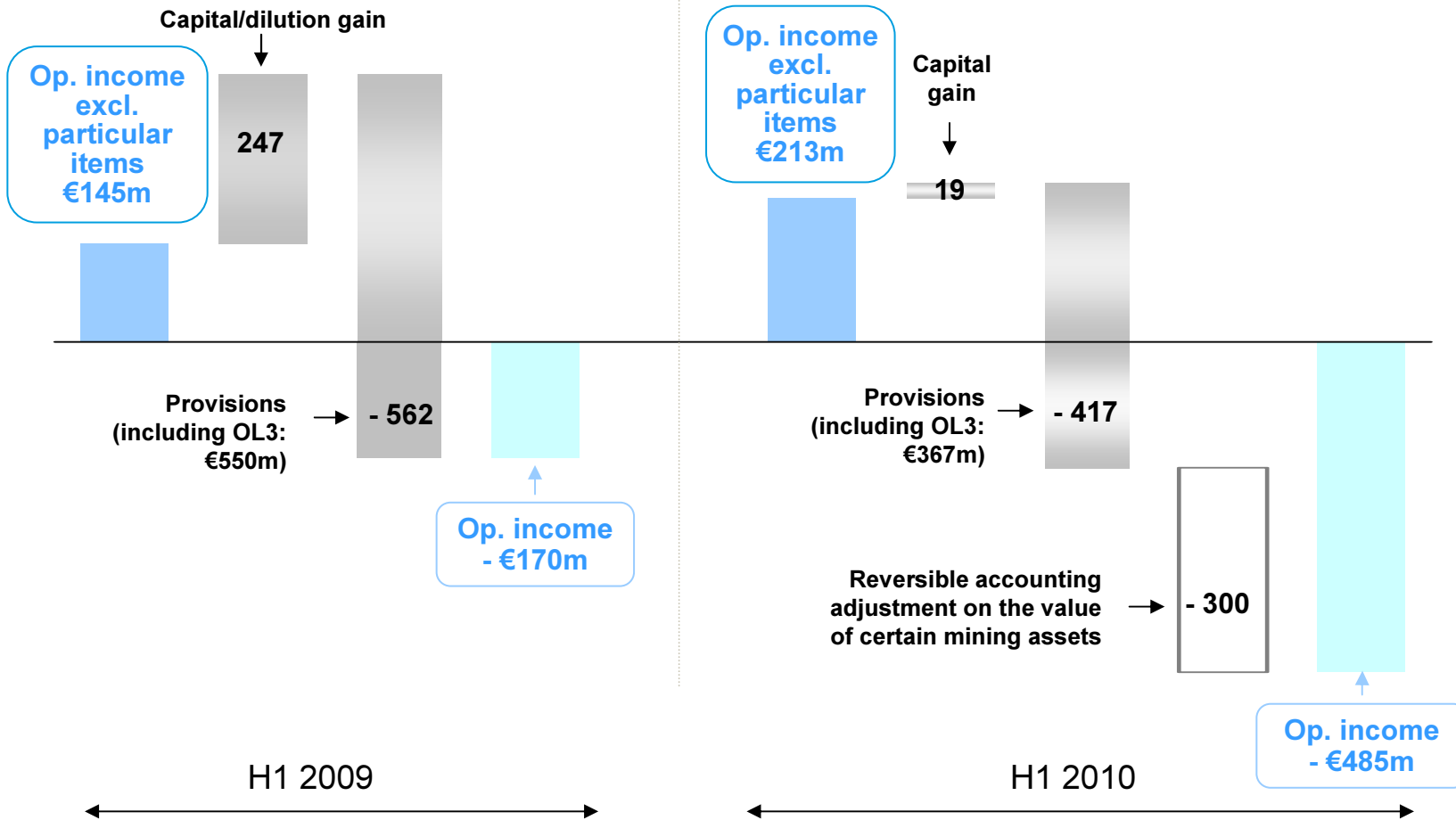
Operating income excluding particular items (in millions of euros)



# Reconciliation between operating income excluding particular items and operating income



In millions of euros



## Additional OL3 provision

- ▶ **Major civil works finalized - Reactor vessel installed - Piping ramp up well under way - Preparing for commissioning**
- ▶ **New schedule contemplating startup of nuclear operations at the end of 2012**
- ▶ **Additional provision recognized for €367 million to reflect the new schedule and conditions for the last phases of the project as notified to TVO (piping, testing and commissioning, instrumentation and control systems)**
- ▶ **Cumulated provisions recognized to date on the contract: 2.6 billion euros**

# Reversible accounting adjustment on mining assets



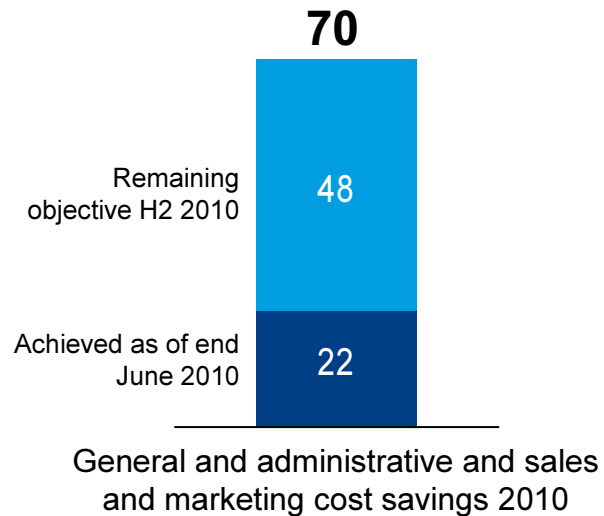
- ▶ **AREVA performs impairment tests on all mining assets as provided in IAS 36.**
- ▶ **The value of AREVA's mining assets taken as a whole was and is still largely greater than carrying costs at December 31, 2009, based on prospective uranium market data available as of that date**
- ▶ **Analysis of the new prospective uranium market data published in the second quarter of 2010, led to the recognition, in accordance with IFRS accounting principles, of a €300m impairment on the value of certain mining assets**
- ▶ **This accounting adjustment, representing around 6% of the book value of AREVA's mining assets, is non cash and subject to reversal**



# Implementing AREVA's cost reduction plan 2010 objective: €400m...

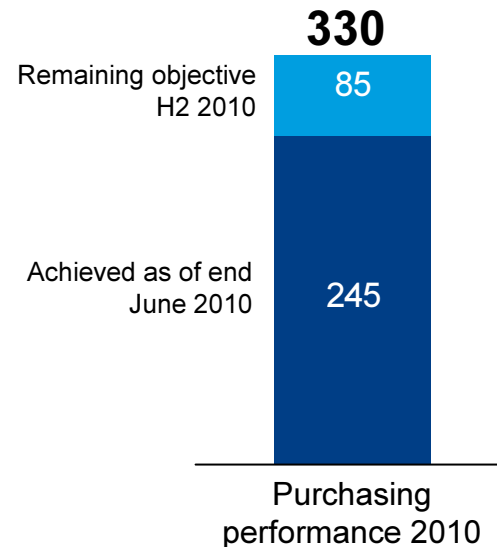
... including €70m in G&A  
and S&M cost reduction

This objective is part of AREVA's  
cost reduction plan:  
- 20% in 2012 vs. actual for 2009



... including €330m in  
purchasing performance

This objective is part of AREVA's  
purchasing performance  
plan for 2010-2012 > 5% per year



**2010 Objective : 66% reached on June 30**

# Reducing operating working capital requirements in the Business Groups

Operating WCR (in millions of euros)

	H1 2009	H1 2010	Δ 10/09
Mining/Front End BG	1,629	1,578	€(51)m
Reactors & Services BG	(137)	(309)	€(172)m
Back End BG	(1,083)	(1,120)	€(36)m
Renewables BG	(18)	80	+€98m
<b>TOTAL Operating WCR of the BGs</b>	<b>391</b>	<b>229</b>	<b>€(162)m</b>

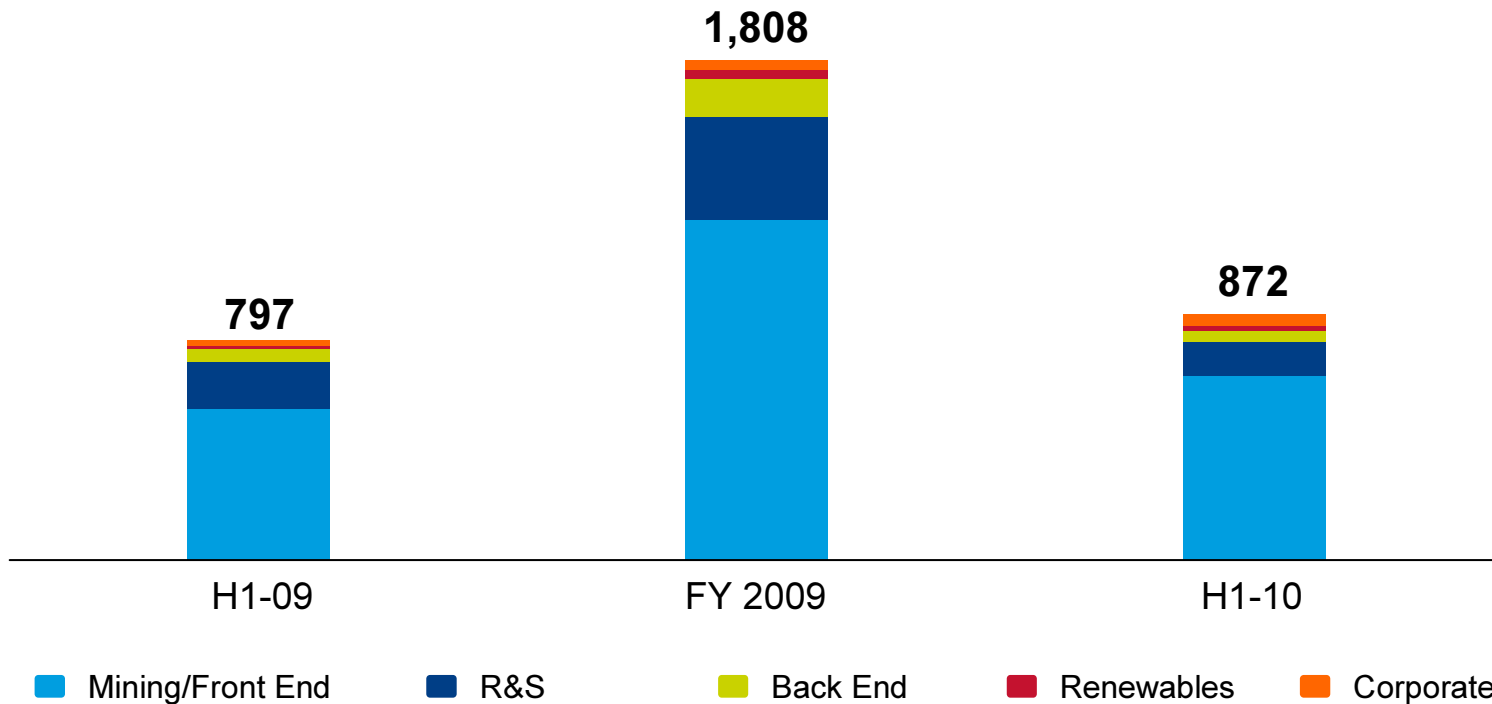
( ) = source; + = use of cash



**Optimization initiatives  
in all Business Groups**

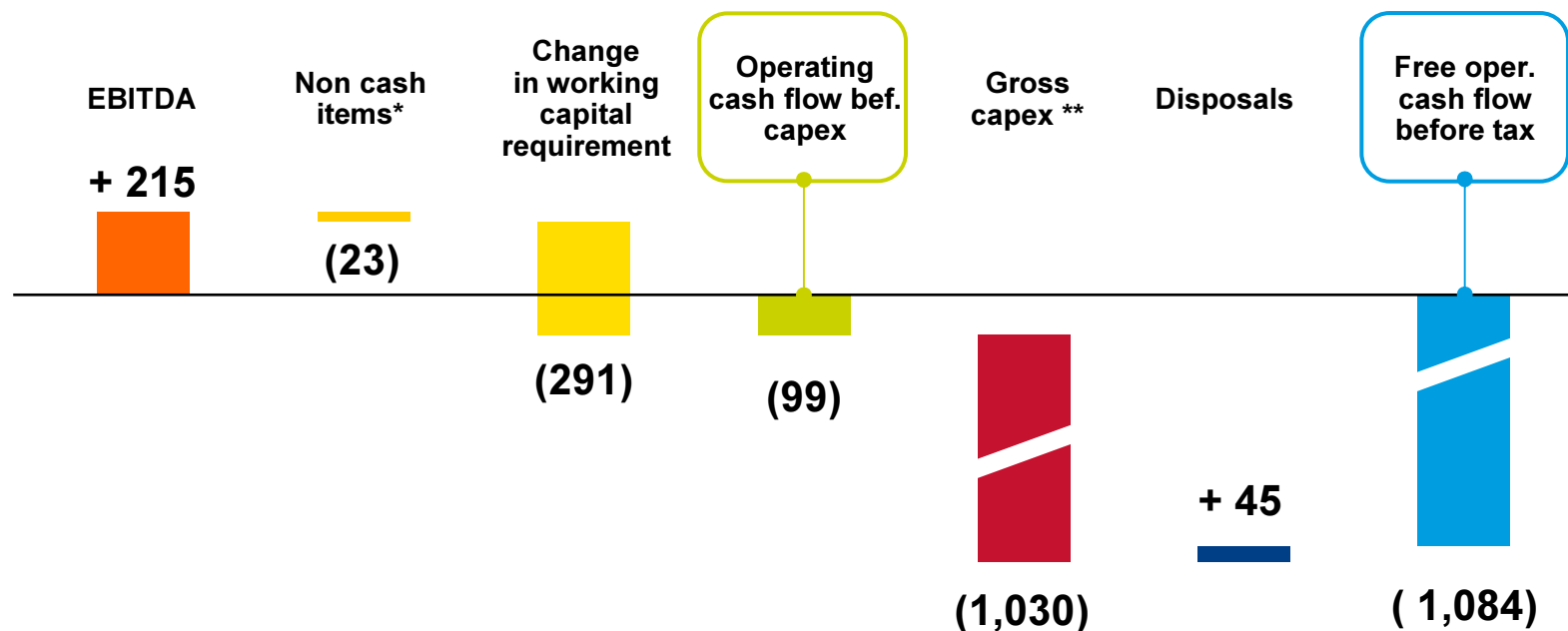
# Capital expenditures

Gross capex excluding external growth operations (in millions of euros)



# Free operating cash flow before tax

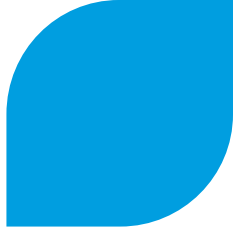
In millions of euros



- ▶ Increase in EBITDA excluding particular: + €195m vs. H1 2009
- ▶ Lesser use of WCR in H1 2010 (- €291M vs. - €413m in H1 2009)
- ▶ Implementation of capex programs in Mining and Enrichment + acquisitions in Renewables

\* with an impact on operating income \*\* Including acquisitions (mainly €158m in Renewables)

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# Mining / Front End BG

## Key figures

<i>In millions of euros</i>	H1 2009	H1 2010	Δ 10/09
<b>Backlog</b>	<b>27,055</b>	<b>28,590</b>	+ 5.7%
<b>Contribution to consolidated revenue</b>	<b>1,556</b>	<b>1,593</b>	+ 2.4%
<b>Operating income excluding particular items</b>	<b>101</b>	<b>148</b>	+ €47m
<i>% of revenue</i>	6.5%	9.3%	+ 2.8 pts
<b>Disposals / new partners in assets*</b>	<b>247</b>	<b>19</b>	-
<b>Reversible accounting adjustment on the value of certain mining assets</b>	<b>-</b>	<b>(300)</b>	-
<b>Contribution to operating income</b>	<b>348</b>	<b>(133)</b>	€(481)m
<b>FCF before tax</b>	<b>(179)</b>	<b>(210)</b>	€(32)m

\*Incl. €191m in 2009: new minority partners in GBII

Orders received in H1 2010

► Uranium	► Conversion	► Enrichment
	Industrias Nucleares do Brasil	US, African and European utilities

- ↑ AREVA's average uranium sales price continues to rise
- ↑ Volume increase in Mining
- ↓ Shift in fuel delivery schedule for EDF

- ↑ Positive price and volume impact in Mining
- ↑ Reduction in mining production costs
- ↓ Shift in fuel delivery schedule for EDF

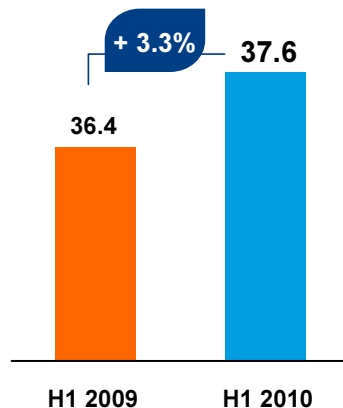
- ↓ Reversible non cash accounting adjustment on mining assets

- ↑ Inventory optimization (Enrichment)
- ↓ Capex increase, net of disposals: déploiement of capex programme (Mining and Enrichment)

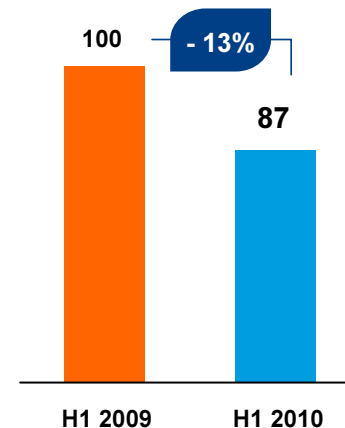
## Operating performance in the 1<sup>st</sup> half of 2010

- ▶ Increase in production: 4,818 TU, + 39% vs. 1<sup>st</sup> half 2009
- ▶ Reduction in production costs: - 13% vs. 1<sup>st</sup> half 2009
- ▶ Continued increase in average price of uranium sold by AREVA (+ 3.3%)

**Average AREVA uranium sales prices**  
(\$/lb)\*



**Mining production costs**  
(reference 100 in H1 2009)



\*Average price for U<sub>3</sub>O<sub>8</sub> sold including trading business

# Reactors & Services BG

## Key figures

<i>In millions of euros</i>	H1 2009	H1 2010	Δ 10/09
<b>Backlog</b>	<b>8,269</b>	<b>7,964</b>	- 3.7%
<b>Contribution to consolidated revenue</b>	<b>1,382</b>	<b>1,543</b>	+ 11.6%
<b>Operating income excl. particular items</b>	<b>10</b>	<b>26</b>	+ €16m
<i>% of revenue</i>	<i>0.7%</i>	<i>1.7%</i>	+ 1 pt
<b>Project provisions*</b>	<b>(562)</b>	<b>(417)</b>	-
<b>Contribution to operating income</b>	<b>(552)</b>	<b>(391)</b>	+ €162m
<b>Free operating cash flow before tax</b>	<b>(565)</b>	<b>(420)</b>	+ €145m

\* Incl. OL3: €367 M in H1 2010 and €550 M in H1 2009

Orders received in H1 2010

► **A service contract + three steam generators**



► I&C



Slovenské Elektrárne



- Progress in major reactor projects and buoyant recurring business in the United States and in France



- Services performance
- Reduction in overheads and marketing costs, stability in R&D costs
- Provisions incl. additional OL3 prov. (€367m)



- Increase in EBITDA (recurring business)
- Slight decrease in Capex
- Use of customer advances in line with progress at major reactor projects



# Back End BG

## Key figures

<i>In millions of euros</i>	H1 2009	H1 2010	Δ 10/09
<b>Backlog</b>	<b>7,327</b>	<b>6,268</b>	- 14.5%
<b>Contribution to consolidated revenue</b>	<b>843</b>	<b>897</b>	+ 6.4%
<b>Contribution to operating income</b>	<b>150</b>	<b>167</b>	+ €17m
<i>% of revenue</i>	17.8%	18.6%	+ 0.8 pt
<b>Free operating cash flow before tax</b>	<b>60</b>	<b>102</b>	+ €42m

### Orders received in H1 2010

- ▶ Final waste processing, using the cold crucible process (European utilities)
- ▶ MOX fuel (Japanese and European utilities)
- ▶ MOX fuel rod production line (Sellafield - UK)



- Strong production at La Hague in the 1<sup>st</sup> half of 2010



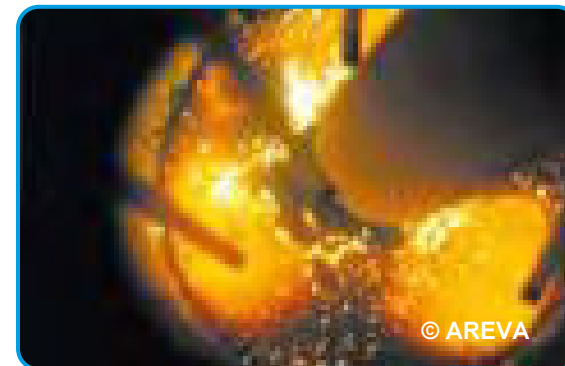
- Increase in EBITDA



- Customer downpayments postponed to the 2<sup>nd</sup> half of the year

# Back End BG

- ▶ **Contracts and agreements signed with EDF:**
  - ◆ Implementing contract for 2008-2012 under the framework agreement concluded In December 2008 to set operating terms at La Hague and Melox through 2040
  - ◆ Agreement on final payment to settle EDF's share of dismantling costs at La Hague
  
- ▶ **International projects: two contracts signed for the Sellafield site in the United Kingdom**
  - ◆ Design and installation of a new MOX fuel rod fabrication line for the SMP plant, using AREVA technology
  - ◆ Design for a high-level liquid effluent storage facility
  
- ▶ **Industrial operations: production of the first batches of waste vitrified with the cold crucible technology**
  - ◆ A unique technological innovation in the world
  - ◆ Vitrifying additional types of radioactive waste while increasing production



# Renewables BG

## Financial highlights

<i>In millions of euros</i>	H1 2009	H1 2010	Δ 10/09
<b>Backlog</b>	<b>136</b>	<b>1,135</b>	+ €1bn
<b>Contribution to consolidated revenue</b>	<b>49</b>	<b>47</b>	€(2)m
<b>Contribution to operating income</b> <i>% of revenue</i>	<b>(58)</b> -	<b>(59)</b> -	€(1)m -
<b>Free operating cash flow before tax</b>	<b>(27)</b>	<b>(272)</b>	€(245)m

Orders received in H1 2010



▶ **Bioenergy contract - Brazil**



▪ **Expansion in the offshore wind business**



▪ **Decrease in biomass activity (customers experience difficulties in obtaining project financing)**



▪ **Overheads increase as the Renewables BG expands its operations**

▪ **Changing gearboxes provided by a supplier for the Alpha Ventus offshore wind farm**



▪ **Ausra acquisition**

▪ **Buyout of minority holders in Multibrid**

# Expanding Renewables BG activities

## AREVA Wind

- ▶ Alpha Ventus wind farm inaugurated-  
Customer: DOTI\* (May 2010)
- ▶ Availability rate: 98% during a 90-day  
test phase (winter 2009-2010)
- ▶ The M5000 turbine design is validated
- ▶ Technical issue identified in gearboxes  
related to the use of non compliant materials  
→ Gearboxes to be repaired this summer
- ▶ Potential customers identified for projects  
in Europe (North Sea)

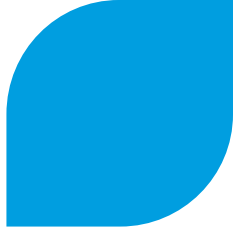


## AREVA Solar

- ▶ Selected by CS Energy for the Kogan Creek  
project (Australia)
  - ◆ Installation of a 44 MW concentrated  
thermal solar facility  
linked to a coal-fired plant → Expanding  
steam production at the coal plant without  
increasing total greenhouse gas emissions
  - ◆ Financing provided in part by the Australian  
government and the province  
of Queensland
- ▶ Pre-selected by the Australian government  
for the "Flagship" Project, in a consortium  
with Australian utility CS Energy
  - ◆ Building two concentrated solar units  
(total capacity: 250 MW)

\* Deutsche Offshore Testfeld und Infrastrukturgesellschaft shareholders include E.ON, Vattenfall and EWE.

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# Non-operating items

<i>In millions of euros</i>	<b>H1 2009</b>	<b>H1 2010</b>	$\Delta$ 10/09
<b>Operating income</b>	(170)	(485)	€(315)m
<b>Net financial income</b>	230	(172)	€(402)m
<b>Equity affiliates</b>	(163)	46	+ €209m
<b>Income tax</b>	(34)	(242)	+ €276m
<b>Net income from discontinued operations</b>	144	1,240	+ €1,096m
<b>Net income for the period</b>	7	871	+ €864m
<b><i>Including</i> minority interests</b>	<b>(154)</b>	<b>29</b>	<b>+ €183m</b>
<b><i>Incl. net income group share</i></b>	<b>161</b>	<b>843</b>	<b>+ €682m</b>
<i>Net earnings per share (in euros)</i>	€4.55	€23.82	+ €19.27

# Net financial income

<i>In millions of euros</i>	H1 2009	H1 2010	Δ 10/09
<b>End of life-cycle operations</b>	<b>29</b>	<b>(11)</b>	€(40)m
<b><i>including:</i></b>			
<i>Income from financial portfolio</i>	47	61	+ €14m
<i>Income from receivables and discount reversal on earmarked assets</i>	76	46	€(30)m
<i>Discount reversal expenses</i>	(95)	(118)	€(23)m
<b>Net borrowing costs</b>	<b>(40)</b>	<b>(81)</b>	€(41)m
<b>Net gain on sales of securities</b>	<b>242</b>	<b>(1)</b>	€(243)m
<b>Discount reversal: pensions and other benefits</b>	<b>(40)</b>	<b>(38)</b>	+ €2m
<b>Other income and expenses</b>	<b>37</b>	<b>(41)</b>	€(78)m
<b>Net financial income</b>	<b>230</b>	<b>(172)</b>	€(402)m

# Reduction in net debt

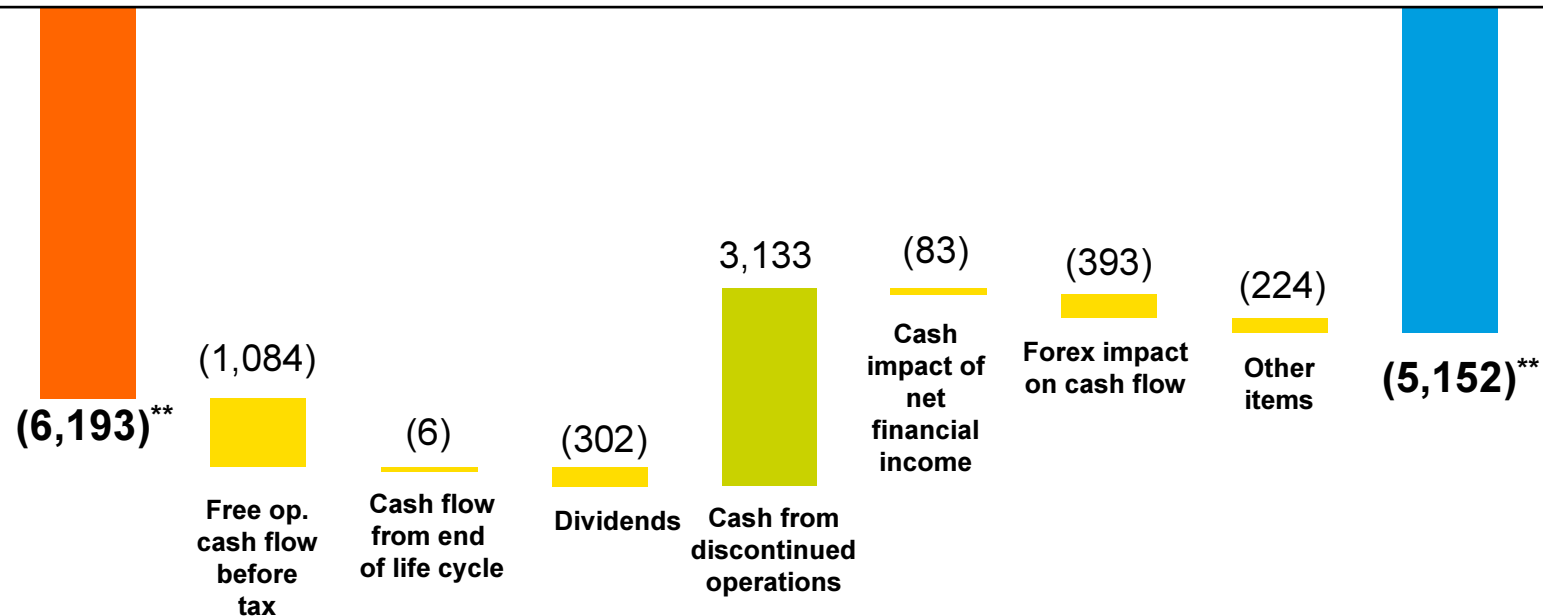
Equity as of June 30, 2010: €8,672m

Debt ratio\*: 59%

In millions of euros

Dec. 31, 2009

June 30, 2010



\* Net debt / Equity

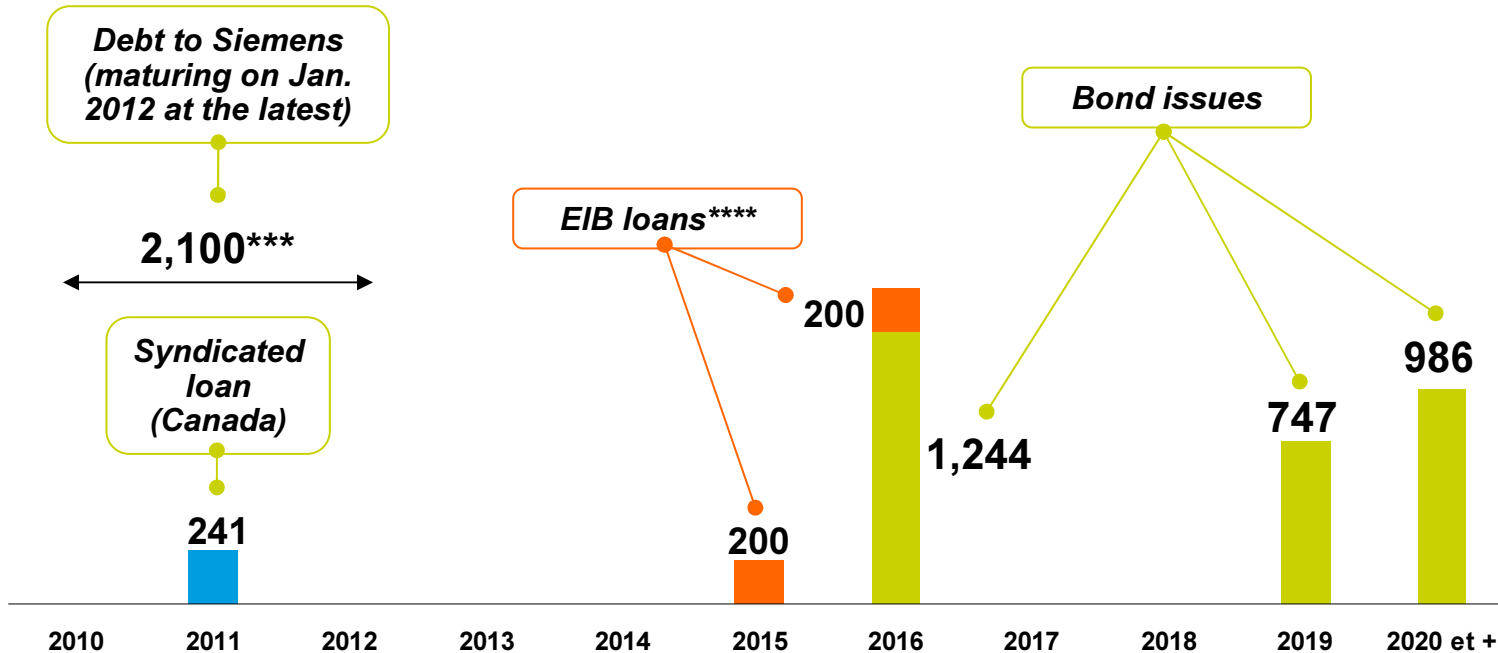
\*\* Debt to Siemens at 2007 value, i.e. €2.049bn plus accrued interest



# Average debt maturity is more than 8 years\*



## Maturity of main financial obligations (in millions of euros)\*\*



- ▶ Syndicated facility for Uramin acquisition was repaid in June 2010 (\$1.9 bn)
- ▶ Repayment of debt to Siemens in January 2012 at the latest (maturity date as per contract)
- ▶ No major debt maturing before 2016 (excluding debt to Siemens)
- ▶ S&P rating: BBB+/A2 with stable outlook

\*Excluding debt to Siemens \*\* Main medium/long term financial obligations\*\*\* Debt to Siemens at 2007 value, i.e. €2.049 bn plus accrued interest  
 \*\*\*\* European Investment Bank

# Contents



- ▶ Developments at AREVA
- ▶ Group performance
- ▶ Business Group performance
- ▶ Financial results

▶ **2010 outlook**

## 2010 outlook

- ▶ **Significant backlog growth**
- ▶ **Significant revenue growth**
- ▶ **Increase in operating income excluding particular items**
- ▶ **Negative operating income**
- ▶ **Strong increase in net income group share**



AREVA

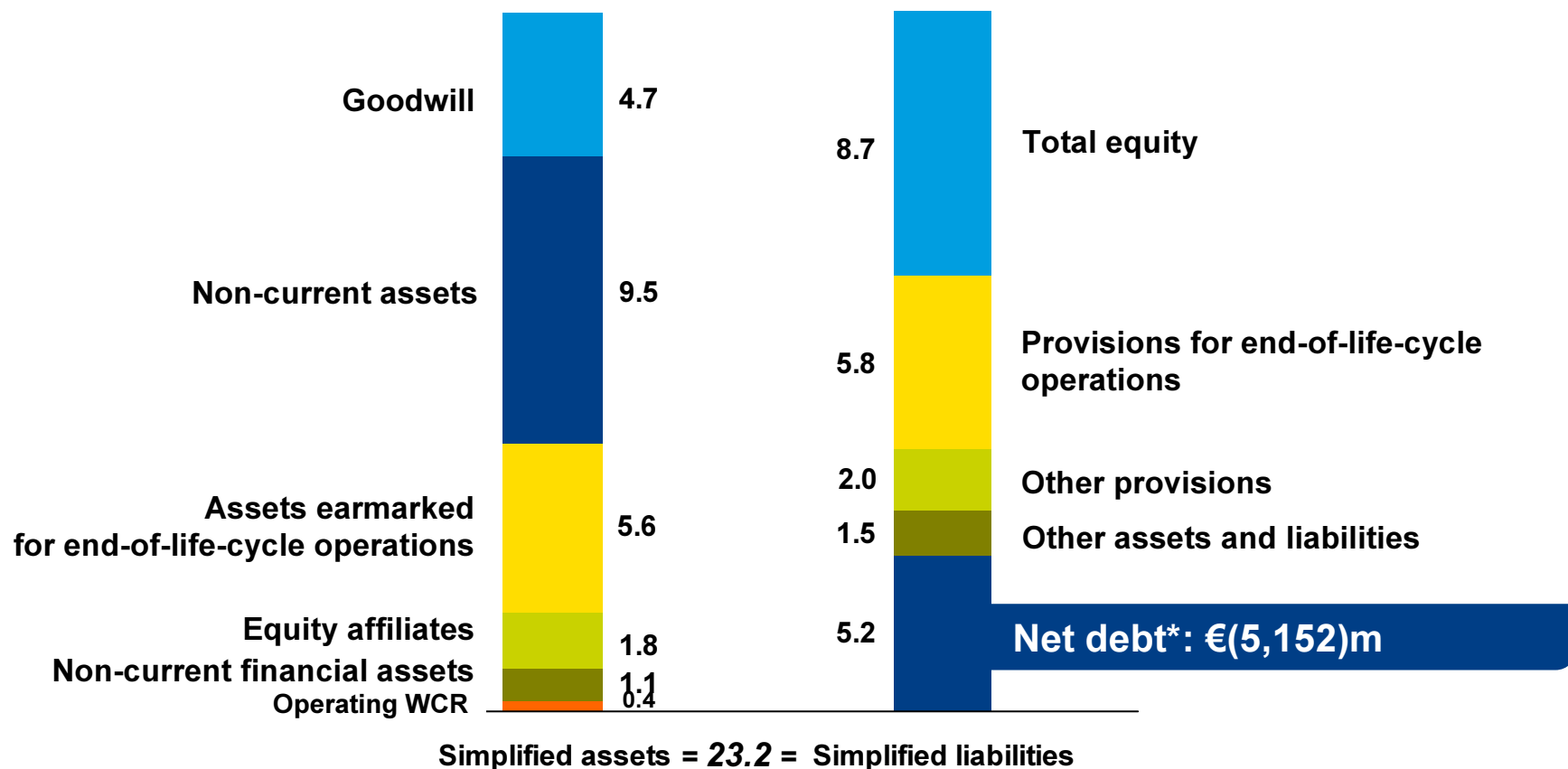
# Appendices

# Appendix 1

## Simplified balance sheet at June 30, 2010



In billions of euros

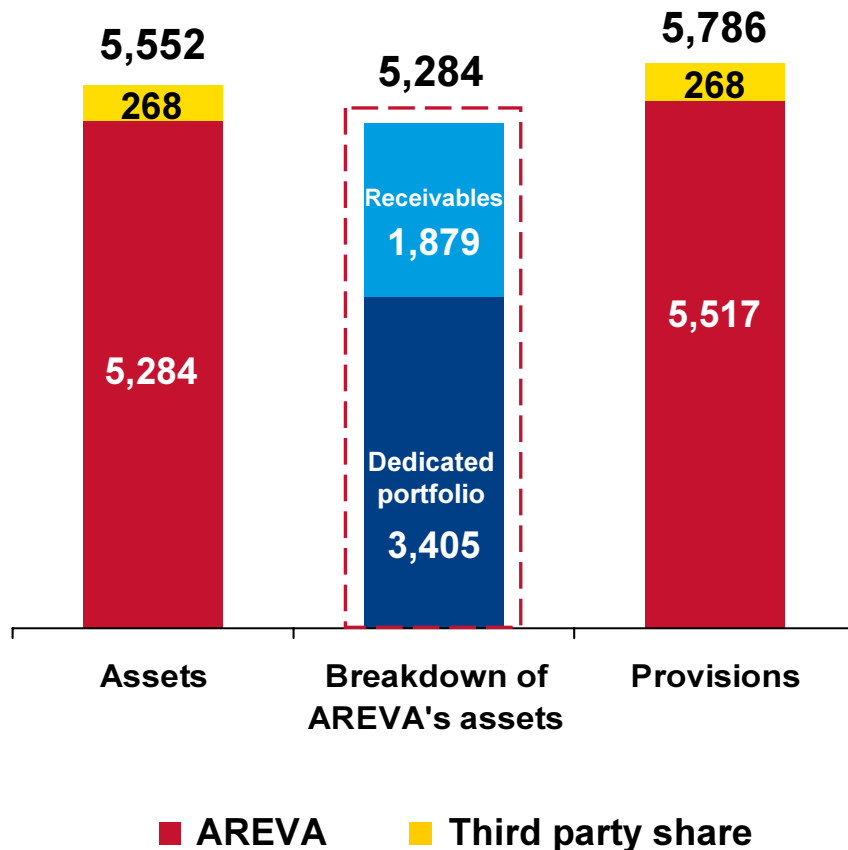


\* Debt to Siemens at 2007 value, i.e. €2.049bn plus accrued interest

# Appendix 2

## Consolidated Balance Sheet at June 30, 2010 – end-of-lifecycle operations

End-of-life-cycle operations at June 30, 2010 (in millions of euros)



- ▶ The law of June 28, 2006 on sustainable management of radioactive materials and waste requires that 100% of provisions for end-of-life-cycle operations be covered by earmarked assets effective **June 28, 2011**
- ▶ At June 30, 2010, AREVA's coverage of activities subject to the law of June 28, 2006 was **98%**
- ▶ The ratio for all AREVA group activities was **96%**

## Appendix 3

### Share in net income of associates

<i>In millions of euros</i>	H1 2009	H1 2010	Δ10/09
<b>STMicroelectronics</b>	(124)	18	+ 142
<b>Eramet group</b>	(39)	26	+ 65
<b>Other</b>	0	2	+ 2
<b>Total</b>	<b>(163)</b>	<b>46</b>	<b>+ 209</b>



# Appendix 4

## Change in revenue (like-for-like)

<i>In millions of euros</i>	H1 2010	H1 2009			
	Reported revenue	Revenue LFL	Exch. rate impact	Consolid. scope impact	Reported revenue
Mining / Front End BG	1,593	1,577	36	- 15	1,556
Reactors & Services BG	1,543	1,385	2	0	1,382
Back End BG	897	843	0	0	843
Renewable Energies BG	47	54	5	0	49
Corporate	78	78	0	0	78
<b>Total group</b>	<b>4,158</b>	<b>3,936</b>	<b>44</b>	<b>- 15</b>	<b>3,908</b>

# Appendix 5

## Consolidated Income Statement

<i>In millions of euros</i>	<b>June 30, 2010</b>	<b>June 30, 2009</b>
<b>Revenue</b>	<b>4,158</b>	<b>3,908</b>
<b>Other income from operations</b>	<b>12</b>	<b>38</b>
<b>Cost of sales</b>	<b>(3,780)</b>	<b>(3,706)</b>
<b>Gross margin</b>	<b>390</b>	<b>240</b>
Research and development expenses	(162)	(163)
Marketing and sales expenses	(145)	(135)
General and administrative expenses	(284)	(304)
Other operating income and expenses	(284)	192
<b>Operating income</b>	<b>(485)</b>	<b>(170)</b>
Income from cash and cash equivalents	17	4
Gross borrowing costs	(98)	(45)
<b>Net borrowing costs</b>	<b>(81)</b>	<b>(40)</b>
<b>Other financial income and expenses</b>	<b>(90)</b>	<b>271</b>
<b>Net financial income</b>	<b>(172)</b>	<b>230</b>
<b>Income tax</b>	<b>242</b>	<b>(34)</b>
<b>Net income of consolidated businesses</b>	<b>(415)</b>	<b>26</b>
<b>Share in net income of associates</b>	<b>46</b>	<b>(163)</b>
<b>Net income from continuing operations</b>	<b>(369)</b>	<b>(137)</b>
<b>Net income from discontinued operations or operations held for sale</b>	<b>1,240</b>	<b>144</b>
<i>Net income for the period</i>	<i>871</i>	<i>7</i>
<i>including minority interests</i>	<i>29</i>	<i>(154)</i>
<b>Net income attributable to owners of the parent</b>	<b>843</b>	<b>161</b>

# Appendix 6

## Consolidated Balance Sheet (1/2)

<b>ASSETS</b> (in millions of euros)	<b>June 30, 2010</b>	<b>June 30, 2009</b>
<b>Non-current assets</b>	<b>23,829</b>	<b>21,875</b>
Goodwill on consolidated companies	4,749	4,366
Intangible assets	3,586	3,282
Property, plant and equipment	5,955	5,294
End-of-life-cycle assets (third party share)	268	275
Assets earmarked to finance end-of-life-cycle operations	5,284	5,351
Investments in associates	1,844	1,635
Other non-current financial assets	1,113	860
Pension fund assets	1	0
Deferred tax assets	1,029	811
<b>Current assets</b>	<b>9,662</b>	<b>14,175</b>
Inventories and work-in-process	2,908	2,699
Trade accounts receivable and related accounts	2,789	2,161
Other operating receivables	2,063	1,838
Current tax assets	75	121
Other non-operating receivables	207	158
Cash and cash equivalents	1,413	1,409
Other current financial assets	207	139
Assets of operations held for sale	-	5,649
<b>Total assets</b>	<b>33,492</b>	<b>36,050</b>

# Appendix 6

## Consolidated Balance Sheet (2/2)

<b>LIABILITIES AND SHAREHOLDERS' EQUITY</b> <i>(in millions of euros)</i>	<b>June 30, 2010</b>	<b>June 30, 2009</b>
<b>Equity and minority interests</b>	<b>8,672</b>	<b>7,574</b>
Share capital	1,347	1,347
Consolidated premiums and reserves	5,056	4,749
Deferred unrealized gains and losses on financial instruments	364	155
Currency translation reserves	218	(155)
Net income attributable to owners of the parent	843	552
Minority interests	844	926
<b>Non-current liabilities</b>	<b>13,584</b>	<b>13,408</b>
Employee benefits	1,118	1,121
Provisions for end-of-life-cycle operations	5,786	5,660
Other non-current provisions	105	94
Long-term borrowings	6,059	5,872
Deferred tax liabilities	516	661
<b>Current liabilities</b>	<b>11,236</b>	<b>15,068</b>
Current provisions	1,895	1,696
Short-term borrowings	713	1,869
Advances and prepayments received	3,933	3,893
Trade accounts payable and related accounts	1,732	1,567
Other operating liabilities	2,806	2,270
Current tax liabilities	65	35
Other non-operating liabilities	91	53
Liabilities of operations held for sale	-	3,685
<b>Total liabilities and equity</b>	<b>33,492</b>	<b>36,050</b>

# Appendix 7

## Change in net debt

*In millions of euros*

	<b>H1 2010</b>
<b>Net debt at beginning of period - 31.12.2009</b>	<b>(6,193)</b>
<i>EBITDA from operations (excl. end-of-life-cycle costs)</i>	215
<i>% of revenue</i>	5.2%
<i>Income (loss) on sales of non-current operating assets</i>	(23)
<i>Change Operating WCR</i>	(291)
<i>Net operating Capex</i>	(985)
Free operating cash flow before tax	(1,084)
End-of-life-cycle obligations	(6)
Dividends paid	(302)
Other (net financial investments, income tax, non operating WCR, etc.)	2,433
<b>Change in net cash or (debt)</b>	<b>1,041</b>
<b>Net debt at the end of the period 30.06.2010</b>	<b>(5,152)</b>

# Appendix 8

## Financial highlights by Business Group (1/2)



### H1 2010

<i>In millions of euros (excluding workforce)</i>		<b>Mining/ Front End</b>	<b>Reactors &amp; Services</b>	<b>Back End</b>	<b>Renewables</b>	<b>Corporate</b>	<b>Total Group</b>
<b>Income statement</b>	<b>Contrib. to consolidated revenue</b>	<b>1,593</b>	<b>1,543</b>	<b>897</b>	<b>47</b>	<b>78</b>	<b>4,158</b>
	<b>Operating income</b>	<b>(133)</b>	<b>(391)</b>	<b>167</b>	<b>(59)</b>	<b>(69)</b>	<b>(485)</b>
	<b>% of contrib. to revenue</b>	<b>- 8.35%</b>	<b>- 25.3%</b>	<b>18.6%</b>	<b>- 127.0%</b>	<b>-88.5%</b>	<b>- 11.7%</b>
<b>Cash</b>	<b>EBITDA (excl. end-of-life-cycle costs)</b>	<b>310</b>	<b>(199)</b>	<b>267</b>	<b>(44)</b>	<b>(118)</b>	<b>215</b>
	<b>% of contrib. to revenue</b>	<b>19.4%</b>	<b>- 12.9%</b>	<b>29.7%</b>	<b>- 93.3%</b>	<b>-152.2%</b>	<b>5.2%</b>
	<b>Net Capex</b>	<b>(645)</b>	<b>(113)</b>	<b>(41)</b>	<b>(170)</b>	<b>(16)</b>	<b>(985)</b>
	<b>Change in operating WCR</b>	<b>146</b>	<b>(108)</b>	<b>(122)</b>	<b>(58)</b>	<b>(149)</b>	<b>(291)</b>
	<b>Free operating cash flow</b>	<b>(210)</b>	<b>(420)</b>	<b>102</b>	<b>(272)</b>	<b>(284)</b>	<b>(1,084)</b>
<b>Other</b>	<b>Employees</b>	<b>14,387</b>	<b>17,651</b>	<b>11,040</b>	<b>1,133</b>	<b>3,979</b>	<b>48,190</b>

# Appendix 8

## Financial highlights by Business Group (2/2)



### H1 2009

<i>In millions of euros (excluding workforce)</i>		Mining/ Front End	Reactors & Services	Back End	Renewables	Corporate	Total Group
Income statement	Contrib. to consolidated revenue	1,556	1,382	843	49	78	3,908
	Operating income	348	(552)	150	(58)	(58)	(170)
	% of contrib. to revenue	22.4%	- 40.0%	17.8 %	- 119.4%	- 74.4%	- 4.4%
Cash	EBITDA (excl. end-of-life-cycle costs)	438	(292)	198	(50)	(46)	248
	% of contrib. to revenue	28.1%	- 21.1%	23.5%	- 102.4%	-59.0%	6.3%
	Net Capex	(235)	(151)	(50)	(9)	(24)	(469)
	Change in operating WCR	(212)	(121)	(88)	32	(24)	(413)
	Free operating cash flow	(179)	(565)	60	(27)	(94)	(805)
Other	Employees	14,688	17,178	10,731	897	3,619	47,113

# Appendix 9

## Definition of indicators used by AREVA (1/2)

- ▶ **EBITDA:** EBITDA is equal to operating income plus net amortization, depreciation and operating provisions (except for provisions for impairment of working capital items). EBITDA is adjusted so as to exclude the cost of end-of-life-cycle operations for nuclear facilities (dismantling, retrieval and packaging of waste) for the period, as well as the full and final payments made or to be made to third parties for facility dismantling. It should be noted that the cash flows linked to end-of-life-cycle operations are presented separately.
  
- ▶ **Cash-flow from end-of-life-cycle operations:** this indicator encompasses all of the cash flows linked to end-of-life-cycle obligations and to assets earmarked to cover those obligations. It is equal to the sum of the following items:
  - ◆ income from the portfolio of earmarked assets;
  - ◆ cash from the sale of earmarked assets;
  - ◆ minus acquisitions of earmarked assets;
  - ◆ minus cash spent during the year on end-of-life-cycle operations;
  - ◆ full and final payments received for facility dismantling;
  - ◆ less full and final payments paid for facility dismantling.
  
- ▶ **Free operating cash flow:** this represents the cash flow generated by operating activities before income tax. It is equal to the sum of the following items:
  - ◆ EBITDA, excluding end-of-life-cycle operations;
  - ◆ plus losses or minus gains included in operating income on disposals of assets;
  - ◆ plus the decrease or minus the increase in operating working capital requirement between the beginning and the end of the period (excluding reclassifications, currency translation adjustments and changes in consolidation scope);
  - ◆ minus acquisitions of PP&E and intangible assets, net of changes in accounts payable related to fixed assets;
  - ◆ plus sales of PP&E and intangible assets included in operating income, net of changes in receivables on the sale of fixed assets;
  - ◆ plus prepayments received from customers during the period on non-current assets;
  - ◆ plus acquisitions (or disposals) of consolidated companies (excluding equity associates), net of cash acquired.



# Appendix 9

## Definition of indicators used by AREVA (2/2)

- ▶ **Net debt (cash):** this heading includes current and non-current borrowings, including interest-bearing advances received from customers and put options by minority shareholders, less cash and cash equivalents and other current financial assets. Shares classified as “available-for-sale securities” are excluded from the net debt or (cash) position.
  
- ▶ **OWCR represents all of the current assets and liabilities related directly to operations and includes the following items:**
  - ◆ inventories and work-in-process;
  - ◆ trade accounts receivable and related accounts;
  - ◆ advances paid;
  - ◆ other accounts receivable, accrued income and prepaid expenses;
  - ◆ currency hedges on operating working capital requirement;
  - ◆ less: trade accounts payable and related accounts, trade advances and prepayments received (excluding interest-bearing advances), other operating liabilities, accrued expenses, and deferred income.
  - ◆ Note: OWCR does not include non-operating receivables and payables such as income tax liabilities, amounts receivable on the sale of non-current assets, and liabilities in respect of the purchase of non-current assets.
  
- ▶ **Backlog:** The backlog is valued based on economic conditions at the end of the period. It includes firm orders and excludes unconfirmed options. Orders in hedged foreign currencies are valued at the rate hedged. Non-hedged orders are valued at the rate in effect on the last day of the period. Natural uranium orders are valued at the closing price of applicable spot and long term indices. The backlog reported for long-term contracts recorded under the percentage of completion method and partially performed as of the reporting date is equal to the difference between (a) the projected sales revenue from the contract at completion and (b) the sales revenue already booked for this particular contract. Accordingly, the backlog takes into account escalation and price revision assumptions used by the Group to determine the projected revenue at completion.

## ► 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 investment certificate holders 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 developed 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 03/29/2010 (which may be read online on AREVA's website [www.areva.com](http://www.areva.com).). AREVA makes no commitment to update the forward-looking statements and information, except as required by applicable laws and regulations.