AREVA

# PRESS RELEASE

## First half 2010 financial results

- Backlog of €44.1bn: +€1.2bn compared with June 30, 2009
- Revenue of €4.158bn: +6.4% compared with 1st half 2009
- Operating income excl. particular items: €213m, for a 5.1% margin
- Operating income: -€485m
- Net income group share: €843m including the €1.27bn gain on the sale of the T&D business
- Earnings per share: €23.82
- Net debt of €5.152bn: down €1.041bn from December 31, 2009

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**Paris, July 30, 2010**

The Supervisory Board of the AREVA group met today under the chairmanship of Jean-Cyril Spinetta to examine the financial statements submitted by the Executive Board for the semester ended June 30, 2010.

Anne Lauvergeon, Chief Executive Officer, offered the following comments:

"The nuclear renaissance is confirmed. More and more ambitious programs for carbon-free energy production are being implemented. Thanks to the development strategy we adopted several years ago, we are now well positioned to meet the growing demand.

Boosted by our recurring business, our backlog continued to rise in the 1st half of the year. Our revenue is up by more than 6% for the 1st six months to more than 4 billion euros.

The performance of our recurring business continues to improve, reflecting optimization plans deployed in all of the group's business units. However, we booked in the 1st half a non cash reversible accounting adjustment on the value of certain mining assets, following the publication in the 2nd quarter of new prospective data on uranium prices, as well as an additional provision on the EPRtm project in Finland. Cumulated provisions on OL3 rose to 2.6 billion euros. Capitalizing on lessons learned from this project, we have reduced strongly the engineering hours needed for the completion of the nuclear steam supply system for the Taishan 1 and 2 EPRtm reactors.

Net income attributable to owners of the parent rose to 843 million euros, including the 1.3 billion euro gain on the disposal of the Transmission & Distribution business, or 23.82 euros per share,"

## I. Key financial data of the group

In order to ease the comparison with last year of the underlying performance of the group, AREVA whishes to isolate the following particular items:

- Capital gains from disposal of stakes in companies or projects of the Mining/Front End BG to external partners for 247 million euros in 2009 and 19 millions euros in 2010;
- Non cash reversible accounting adjustment on the value of certain mining assets for -300 million euros;
- Additional provisions for review of the result on completion of projects in the Reactors & Services BG for -417 million euros in 2010 and -562 millions in 2009 (including 367 million euros in 2010 and 550 million euros in 2009 on the OL3 project).

Those particular items are isolated in this whole document and lead to the analysis of an "operating income excluding particular items".

| *In millions of euros* | **1st half 2010** | **1st half 2009** | ***Change 10/09*** | ***Change LFL*** |
|---|---|---|---|---|
| Backlog | 44,062 | 42,909 | *+2.7%* | |
| Revenue | 4,158 | 3,908 | *+6.4%* | *+5.6%* |
| Operating income excl. particular items | 213 | 145 | *+€68m* | |
| *As % of revenues* | *5.1%* | *3.7%* | *+1.4 pt* | |
| Disposals & new partners - Mining/Front End assets | 19 | 247 | - | |
| Additional provisions on projects - Reactors & Services | (417) | (562) | - | |
| Reversible accounting adjustment on mining assets | (300) | - | - | |
| Reported operating income | (485) | (170) | *€(315)m* | |
| Net income group share | 843 | 161 | *+€682m* | |
| Earnings per share | 23.82€ | 4.55€ | *+€19.27* | |
| Free operating cash flow before tax | (1,084) | (805) | *€(279)m* | |
| | **June 30, 2010** | **Dec. 31, 2009** | | |
| Net debt (+) or Cash (-) | 5,152 | 6,193 | *€(1,041)m* | |

*A new organization for Nuclear and Renewables operations was established effective January 28, 2010. Accordingly, AREVA group segment reporting for the 1st half of 2010 presents data for the Mining/Front End, Reactors & Services, Back End and Renewable Energies Business Groups (excluding discontinued operations).*

*For all reporting periods, income items from discontinued operations are presented in the income statement under a separate heading, "Net income from discontinued operations".*

*It should also be noted that Business Group revenues and contributions to consolidated income may vary significantly from one half year to the next in the nuclear businesses. Accordingly, half-year data should not be viewed as a reliable indicator of annual trends.*

**Year-on-year backlog increase of 1.2 billion euros**

The group's backlog at June 30, 2010 rose to 44.1 billion euros, an increase of 761 million euros from December 31, 2009 and of 1.2 billion euros compared with the backlog at June 30, 2009. The increase in backlog was fueled by strong commercial activity in recurring operations, particularly in the Mining/Front End Business Group and in Renewable Energies.

**Revenue growth of 6.4%**

Consolidated revenue came to 4.158 billion euros for the 1st half of 2010, for 6.4% growth compared with the 1st half of 2009 (up 5.6% like-for-like). Revenues increased in all nuclear Business Groups compared with the same period in 2009, with growth of 11.6% in the Reactors & Services BG, 6.4% in the Back End BG and 2.4% in the Mining/Front End BG. Revenues were down slightly in the Renewable Energies BG (-3.7%). Foreign exchange had a positive impact of 43 million euros, primarily in the Mining/Front End BG. Changes in consolidation scope were negligible during the period. Internationally, revenue was up 2.4% compared with the 1st half of 2009 to 2.376 billion euros and represented 57% of total revenue.

2nd quarter 2010 revenue rose 6.3% to 2.222 billion euros, compared with 2.090 billion euros for the 2nd quarter of 2009. Revenues were up in all nuclear Business Groups compared with the same period in 2009, particularly in the Back End BG (+13.5%). Revenues for the Renewable Energies BG were down compared with the second quarter of 2009. The foreign exchange impact was positive (+70 million euros). Changes in consolidation scope were negligible during the period.

**Operating income excluding particular items: 213 million euros for 5.1% margin**

Operating income excluding particular items came to 213 million euros, up 68 million euros compared with the 1st half of 2009, reflecting strong performance in recurring business. This was particularly true in the Mining/Front End BG, the Back End BG and the Installed Base Services operations. In the Renewable Energies BG, performance was essentially stable compared with the same period in 2009, with negative operating income of -59 million euros.

**Operating income of -485 million euros**

The group recognized additional provisions for completion of contracts for a total of 417 million euros in the Reactors & Services BG in the 1st half of 2010 (compared with 562 million euros in the 1st half of 2009), including 367 million euros for the OL3 reactor project in Finland. Physical completion of the OL3 reactor progressed significantly in the 1st half, including completion of most civil works, installation of the reactor vessel and ramp-up in piping work. A new schedule was announced which provides for the start up of the nuclear operation of the reactor at the end of 2012. It is subject to certain conditions – duly reported to TVO – regarding completion of the last phases of the project. This new schedule led to a change in the estimated result at completion of the project, therefore requiring additional provisions.

The group's review of prospective uranium market data led to the recognition of 300 million euros in impairment of some of its mining assets, in accordance with IFRS accounting standards. This accounting adjustment, which represents approximately 6% of the carrying value of AREVA's mining assets, is non cash and subject to reversal.

Based on these items, the group's operating income came to -485 million euros for the 1st half of 2010, compared with -170 million euros for the same period in 2009 (including -550 million euros due to additional provisions for OL3 and +247 million euros in income related to asset disposals and new partners' interests in the share capital of Mining/Front End BG subsidiaries).

Besides discussions with EDF regarding conditions for the Georges Besse I plant shutdown are ongoing. They could affect the full year's operating income.

**Net income group share: 843 million euros, or 23.82 euros per share**

Net income attributable to owners of the parent came to 843 million euros in the 1st half of 2010, up 682 million euros compared with the 1st half of 2009. This outperformance is due for the most part to the net consolidated gain on disposal of the Transmission & Distribution business, recognized for 1.27 billion euros.

The share in net income of associates totaled 46 million euros in the 1st half of 2010, compared with -163 million euros in the fist half of 2009, reflecting improved performance at STMicroelectronics and Eramet.

Financial income came to -172 million euros in the 1st half of 2010 compared with +230 million euros in the 1st half of 2009 (as 2009 benefitted from gains on the disposal of stakes in Total and GDF-Suez). Net borrowing costs for the second half of 2010 will benefit from the reduction in total borrowings.

AREVA recognized 242 million euros in tax income for the 1st half of 2010, compared with -34 million euros in tax expense in the 1st half of 2009.

Net income from discontinued operations came to 1.24 billion euros, including the gain on disposal of the Transmission & Distribution business, compared with 144 million euros in the 1st half of 2009.

**Operating cash flow before capex up 237 million euros**

Operating cash flow before capex rose 237 million euros compared with the 1st half of 2009 to -99 million euros. This improved performance was achieved by:

- an increase in EBITDA to 196 million euros in the 1st half of 2010, before particular items in the Mining/Front End BG (215 million euros including particular items);
- the favorable evolution in operating working capital requirements (WCR), with -291 million euros of change in WCR in the 1st half of 2010 compared with -413 million euros in the 1st half of 2009.

**Continuation of the capex program**

Gross capital expenditure excluding external growth increased from 797 million euros in the 1st half of 2009 to 872 million euros in the 1st half of 2010, reflecting ongoing deployment of capital projects in the Mining and Enrichment businesses. Acquisitions in Renewable Energies came to 158 million euros, bringing the AREVA group's total capex to 1.03 billion euros in the 1st half of 2010.

Net capex was 985 million euros in the 1st half of 2010 compared with 469 million euros in the 1st half of 2009 (which included 310 million euros in cash generated by disposals of equity shares in Mining/Front End BG assets).

**Free operating cash flow before tax of -1.084 billion euros**

Evolution of EBITDA, operating WCR and continuation of AREVA's capital program translated into -1.084 billion euros in free operating cash flow before tax in the 1st half of 2010, compared with -805 million euros in the 1st half of 2009.

**Net debt of 5.152 billion euros at June 30, 2010**

The group's consolidated net debt stood at 5.152 billion euros at June 30, 2010, compared with 6.193 billion euros at the end of 2009. This reduction of 1.041 billion euros reflects cash from the disposal of the Transmission & Distribution business, which funded the negative free operating cash flow described above and the dividend payment of 302 million euros.

These amounts should be compared with equity of 8.672 billion euros at June 30, 2010, compared with 7.574 billion at year-end 2009.

## II. Performance by Business Group

**Mining/Front End BG**

The backlog for the Mining/Front End BG came to 28.59 billion euros at the end of June 2010. Contracts won in the 1st half of 2010 include the following:

- a contract to supply natural uranium to US utility FirstEnergy;
- a contract with Industrias Nucleares do Brazil (INB) whereby AREVA will provide conversion services to fabricate the fuel for the Angra nuclear complex for the next five years;
- contracts to supply uranium enrichment services to US, European and African utilities.

Revenue for the Mining/Front End BG came to 1.593 billion euros for the 1st half of 2010, for 2.4% growth compared with the 1st half of 2009 (up 1.0% like-for-like). Foreign exchange had a positive impact of 36 million euros, reflecting for the most part the favorable effect of the group's hedging policy.

Significant developments:

- revenue was up in Mining, with increased quantities delivered and an improvement in average AREVA uranium sales price over the period;
- revenue from the Fuel business was impacted by the postponement by several months of some deliveries to EDF.

Operating income excluding particular items for the Mining/Front End BG was 148 million euros (9.3% of revenue), compared with 101 million euros in the 1st half of 2009 (6.5% of revenue). This 47% improvement reflects an increase in terms of quantities delivered and in terms of average AREVA uranium sales price, in addition to a 13% reduction in Mining production costs. However, the postponement of some fuel deliveries to EDF had a negative impact on operating income.

Operating income came to a negative 133 million euros in the 1st half of 2010, compared with +348 million euros in the 1st half of 2009, taking into account income related to asset disposals and new partners' interests in the share capital of Mining/Front End BG subsidiaries, and 300 million euros in impairment on certain mining assets.

Free operating cash flow before tax for the Mining/Front End BG came to a negative 210 million euros for the 1st half of 2010, compared with a negative 179 million euros for the 1st half of 2009. This change is attributable to an increase in net Capex, offset in part by a favorable change in working capital requirement due to inventory optimization.

**Reactors & Services BG**

The backlog for the Reactors & Services BG came to 7.964 billion euros at June 30, 2010. The main new orders for the 1st half of 2010 are as follows:

- EDF awarded a services contract to replace the steam generators of 900 MWe plants and a supply contract for a triplet of steam generators.
- the AREVA-Siemens consortium signed a contract with Enel's Slovak subsidiary for the supply of digital Instrumentation and Control systems to monitor and protect units 3 and 4 of the Mochovce nuclear plant in Slovakia.

Revenue for the Reactors & Services BG was up 11.6% to 1.543 billion euros (up 11.4% like-for-like).

- revenue was up in the New Builds business, boosted by the Flamanville 3 project in France and the Taishan 1 and 2 projects in China.
- Installed Base Services revenue was up as well, reflecting buoyant business in France and the United States.

The BG had operating income excluding particular items of 26 million euros in the 1st half of 2010, compared with 10 million euros in the 1st half of 2009. This improvement is the outcome of good performance in the Installed Base Services business, the deployment of strengthened overhead and marketing cost reduction plans, and control of R&D expenses.

The BG's operating income came to a loss of 391 million euros compared with a loss of 552 million euros for the 1st half of 2009, taking into account 417 million euros in additional provisions implied by the review of the estimated result on completion of contracts (including 367 million euros for the OL3 project in Finland).

Free operating cash flow before tax for the Reactors & Services BG was negative in the 1st half of 2010, at -420 million euros, compared with -565 million euros for the 1st half of 2009. This change reflects the following trends:

- improved EBITDA on strong performance of Installed Base Services;
- a reduction in operating working capital excess due to the use of customer advances as major reactor projects progressed (change in operating WCR of -108 million euros for the six-month period);
- the slight decrease in Capex over the period.

**Back End BG**

The backlog for the Back End BG came to 6.268 billion euros at June 30, 2010. Among the most significant contracts won in the 1st half are:

- several contracts with European utilities for the supply of MOX fuel assemblies and shipments to return waste vitrified using the cold crucible process;
- a contract to supply MOX fuel to unit 3 of the Tomari nuclear power plant in Japan operated by Hokkaido;
- a contract with Sellafield Limited for the design, supply and construction of a new fuel rod production line for the Sellafield MOX plant (SMP), including associated inspection equipment.

Revenue for the Back End BG was up 6.4% on both a reported and like-for-like basis to 897 million euros. This change is attributable to increased production at the La Hague plant compared with the 1st half of 2009.

The Back End BG recorded operating income of 167 million euros, up from 150 million euros in the 1st half of 2009. The operating margin rate came to 18.6%, compared with 17.8% a year earlier.

Free operating cash flow for the Back End BG came to 102 million euros for the 1st half of 2010, compared with 60 million euros for the 1st half of 2009. The improvement in EBITDA was offset in part by the negative change in WCR as certain customer down payments were postponed to the second half of the year. However, the Business Group's working capital remained largely positive at the end of the period. Capital spending remained stable year-on-year.

**Renewable Energies BG**

The backlog for the Renewable Energies BG was 1.135 billion euros at June 30, 2010. In the 1st half of the year, the BG signed a framework agreement with Bolognesi Participacoes, the main shareholder of independent Brazilian power producer Hidrotérmica, to modernize ten biomass power plants. The 1st implementation project at Seresta (Brazil) was recorded in the backlog for the period.

1st half 2010 revenue for the Renewable Energies BG came to 47 million euros, essentially unchanged from the 1st half of 2009. It was down 13.2% like-for-like on a lesser contribution from Biomass operations due to temporary difficulties experienced by customers in financing their projects at the end of 2009 and at the beginning of 2010.

Operating income for the Renewable Energies BG was negative in the 1st half of 2010 (-59 million euros), essentially stable compared with the same period in 2009 due to:

- development costs related to ramp-up in activities, particularly in solar energy, where the AREVA Solar business unit acquired Ausra, a concentrated solar energy company based in California;
- costs associated with the replacement of gearboxes at the Alpha Ventus wind farm due to technical issues related to the use of non-compliant materials.

Free operating cash flow generated by the BG in the 1st half of 2010 was -272 million euros, compared with -27 million euros in the 1st half of 2009. This change is attributable to increased capital spending in the solar business (Ausra acquisition) and in the wind turbine business, with the acquisition of the remaining shares of Multibrid (off-shore wind), i.e. 49%.

## III. 2010 outlook

For the full year of 2010, the group anticipates:

- substantial revenue and backlog growth
- an increase in operating income excluding particular items
- a negative operating income
- a strong increase in net income attributable to owners of the parent, which includes the capital gain on disposal of the Transmission & Distribution business.

## Schedule of upcoming periodic financial information

► October 27, 2010 – 17:45 CEST: Third quarter 2010 revenue and financial information (press release)

## 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, and 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 3/29/2010 (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.

## Appendix 1 - Consolidated revenue by quarter

| In millions of euros | 2010 | 2009 | *Change 2010 / 2009 in %* | *Change 2010 / 2009 in % like-for-like** |
|---|---|---|---|---|
| **1st quarter** | | | | |
| Mining/Front End BG | 674 | 674 | *+0.1%* | *+3.5%* |
| Reactors & Services BG | 775 | 666 | *+16.4%* | *+18.0%* |
| Back End BG | 413 | 416 | *-0.9%* | *-0.4%* |
| Renewable Energies BG | 33 | 19 | *+77.0%* | ***+61.8%*** |
| Corporate and other** | 40 | 42 | - | - |
| **Total** | **1,936** | **1,817** | ***+6.5%*** | ***+8.4%*** |
| **2nd quarter** | | | | |
| Mining/Front End BG | 919 | 882 | *+4.2%* | *-0.7%* |
| Reactors & Services BG | 767 | 716 | *+7.1%* | *+5.5%* |
| Back End BG | 485 | 427 | *+13.5%* | *+13.0%* |
| Renewable Energies BG | 14 | 30 | *-54.6%* | *-59.4%* |
| Corporate and other** | 38 | 35 | - | - |
| **Total** | **2,222** | **2,090** | ***+6.3%*** | ***+3.3%*** |
| **1st half** | | | | |
| Mining/Front End BG | 1,593 | 1,556 | ***+2.4%*** | *+1.0%* |
| Reactors & Services BG | 1,543 | 1,382 | ***+11.6%*** | *+11.4%* |
| Back End BG | 897 | 843 | ***+6.4%*** | *+6.4%* |
| Renewable Energies BG | 47 | 49 | ***-3.7%*** | ***-13.2%*** |
| Corporate and other** | 78 | 78 | - | - |
| **Total** | **4,158** | **3,908** | ***+6.4%*** | ***+5.6%*** |

* Like for like, i.e. at constant exchange rates and consolidation scope

** Including CIS operations

## Appendix 2 – Income Statement

| *In millions of euros* | H1 2010 | H1 2009 | *Change 10/09* |
|---|---|---|---|
| **Revenue** | **4,158** | **3,908** | ***+6%*** |
| Other income from operations | 12 | 38 | *-68%* |
| Cost of sales | (3,780) | (3,706) | *+2%* |
| **Gross margin** | **390** | **240** | ***+63%*** |
| Research and development expenses | (162) | (163) | *-1%* |
| Marketing and sales expenses | (145) | (135) | *+7%* |
| General and administrative expenses | (284) | (304) | *-7%* |
| Other operating income and expenses | (284) | 192 | *-€476m* |
| **Operating income** | **(485)** | **(170)** | ***-€315m*** |
| Income from cash and cash equivalents | 17 | 4 | *+€13m€* |
| Gross borrowing costs | (98) | (45) | *-€53m* |
| **Net borrowing costs** | **(81)** | **(40)** | ***-€41m*** |
| Other financial income and expenses | (90) | 271 | *-€361m* |
| **Net financial income** | **(172)** | **230** | ***-€402m*** |
| Income tax | 242 | (34) | *+€276m* |
| Share in net income of associates | 46 | (163) | *+€209m* |
| **Net income from continuing operations** | **(369)** | **(137)** | ***-€232m*** |
| Net income from discontinued operations | 1,240 | 144 | *+€1.096bn* |
| **Net income for the period** | **871** | **7** | ***+€864m*** |
| Minority interests | 29 | (154) | *+€183m* |
| **Net income attributable to owners of the parent** | **843** | **161** | ***+€682m*** |
| **Comprehensive income** | **1,530** | **(528)** | ***+€2.058bn*** |
| Average number of shares outstanding, excluding treasury shares | 35,369,542 | 35,404,097 | |
| Basic earnings per share (in euros) | **23.82** | **4.55** | ***+€19.27*** |

## Appendix 3 – Consolidated Cash Flow Statement

| *In millions of euros* | H1 2010 | H1 2009 | Change 10/09 |
|---|---|---|---|
| Cash flow from operations before interest and taxes | 53 | 75 | -€22m |
| Net interest and taxes paid | (32) | (9) | -€23m |
| **Cash flow from operations after interest and tax** | **21** | **67** | **-€46m** |
| Change in working capital requirement | (286) | (410) | +€124m |
| **Net cash flow from operating activities** | **(265)** | **(344)** | **+€79m** |
| **Net cash flow from investing activities** | **(91)** | **69** | **-€160m** |
| **Net cash flow from financing activities** | **(2,156)** | **252** | **-€2.408bn** |
| Decrease (increase) in marketable securities maturing in more than 3 months | (5) | (18) | - |
| Impact of foreign exchange movements | 14 | (4) | - |
| **Net cash flow from discontinued operations** | **2,252** | **(396)** | **+€2.648bn** |
| **Increase (decrease) in net cash** | **(251)** | **(442)** | **-** |
| Net cash at the beginning of the period | 1,481 | 877 | - |
| **Cash at the end of the year** | **1,230** | **436** | **-** |

## Appendix 4 – Simplified Balance Sheet

| *In millions of euros* | June 30, 2010 | December 31, 2009 |
|---|---|---|
| **ASSETS** | | |
| Goodwill | 4,749 | 4,366 |
| Property, plant and equipment (PP&E) and intangible assets | 9,541 | 8,576 |
| Assets earmarked for end-of-life-cycle operations | 5,552 | 5,626 |
| Investments in associates | 1,844 | 1,635 |
| Other non-current financial assets | 1,113 | 860 |
| Operating working capital requirement | 352 | (62) |
| Assets net of discontinued operations | 0 | 1,964 |
| **LIABILITIES** | | |
| Equity | 8,672 | 7,574 |
| Provisions for end-of-life-cycle operations | 5,786 | 5,660 |
| Other provisions | 2,000 | 1,791 |
| Other assets and liabilities | 1,541 | 1,748 |
| Net debt** | 5,152 | 6,193 |
| **Total – Simplified balance sheet** | **23,151** | 22,965 |

* Assets and liabilities, including operating working capital, net debt and deferred taxes, are offset in the simplified balance sheet. These items are not offset in the detailed balance sheet presented in the consolidated financial statements

** Including debt to Siemens at its December 31, 2007 value, i.e. 2.049 billion euros, plus accrued interest

## Appendix 5 – Key data by Business Group

| *In millions of euros* | 1st half 2010 | 1st half 2009 | *Change 10/09 (%)* | *Change 10/09 (LFL)** |
|---|---|---|---|---|
| **Backlog** | **44,062** | **42,909** | ***+2.7%*** | |
| including: | | | | |
| Mining/Front End BG | 28,590 | 27,055 | *+5.7%* | |
| Reactors & Services BG | 7,964 | 8,269 | *-3.7%* | |
| Back End BG | 6,268 | 7,327 | *-14.5%* | |
| Renewable Energies BG | 1,135 | 136 | *+€1bn* | |
| Corporate & other operations** | 105 | 122 | - | |
| **Revenue** | **4,158** | **3,908** | ***+6.4%*** | ***+5.6%*** |
| including: | | | | |
| Mining/Front End BG | 1,593 | 1,556 | *+2.4%* | *+1.0%* |
| Reactors & Services BG | 1,543 | 1,382 | *+11.6%* | *+11.4%* |
| Back End BG | 897 | 843 | *+6.4%* | *+6.4%* |
| Renewable Energies BG | 47 | 49 | *-3.7%* | *-13.2%* |
| Corporate & other operations** | 78 | 78 | - | - |
| **Operating income** | **(485)** | **(170)** | ***-€315m*** | |
| including: | | | | |
| Mining/Front End BG | (133) | 348 | *-€481m* | |
| Reactors &Services BG | (391) | (552) | *+€162m* | |
| Back End BG | 167 | 150 | *+€17m* | |
| Renewable Energies BG | (59) | (58) | *-€1m* | |
| Corporate & other operations** | (69) | (58) | *-€11m* | |
| **Free operating cash flow before tax** | **(1,084)** | **(805)** | ***-€279m*** | |
| including: | | | | |
| Mining/Front End BG | (210) | (179) | *-€32m* | |
| Reactors & Services BG | (420) | (565) | *+€145m* | |
| Back End BG | 102 | 60 | *+€42m* | |
| Renewable Energies BG | (272) | (27) | *-€245m* | |
| Corporate & other operations** | (284) | (94) | *-€189m* | |

* Like for like, i.e. at constant exchange rates and consolidation scope

** Including CIS operations

## Appendix 6 – Definitions

**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. 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 recognized 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.

**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

**Earnings before interest, taxes, depreciation and amortization (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.

**Foreign exchange impact**: the foreign exchange impact mentioned in this release comes from the translation of subsidiary accounts into the group's unit of account. This impact is primarily due to changes in the US dollar in relation to the euro. It also reflects fluctuations in revenue collected in currencies other than the group's reporting currency. AREVA points out that its foreign exchange hedging policy for commercial operations aims to shield profitability from fluctuations in exchange rates in relation to the euro.

**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 tangible and intangible assets, net of changes in accounts payable related to non-current 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)

**Like-for-like (LFL)**: at constant exchange rates and consolidation scope.

**Net cash (debt)**: 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 now excluded from the net debt or (cash) position.

**Operating working capital requirement (OWCR):** Operating WCR represents all of the current assets and liabilities related directly to operations and includes:

- 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.