

# JACQUES BESNAINOU

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## SUMMARY

Global senior executive with a distinctive career in the energy industry and experience leading mergers & acquisitions of multi-million dollar companies. Respected leader with successful leadership of start-ups and in large companies. Practical experience of technologies in Nuclear, Wind, Biomass & Solar energies.

## PROFESSIONAL EXPERIENCE

### **J.I.B. CONSULTING LLC, Potomac, MD**

2012 – present

*Through J.I.B. Consulting LLC, Jacques Besnainou provides high level strategic advice to industry leaders in the field of energy in general and nuclear industry in particular.*

- **Independent Board Member of General Fusion Inc.** in Vancouver, Canada (see [www.generalfusion.com](http://www.generalfusion.com)). General Fusion was founded in 2002 by Dr. Michel Laberge with a goal to transform the world's energy supply by developing the fastest, most practical, and lowest cost path to commercial fusion power.
- **Independent Board Member of Orano Med LLC** in Dallas, TX (see [www.oranomed.com](http://www.oranomed.com)). Orano Med has developed new processes for producing high-purity lead-212 ( $^{212}\text{Pb}$ ), a rare radioactive isotope.  $^{212}\text{Pb}$  is currently at the heart of promising research projects in nuclear medicine to develop new treatments against cancer. This innovative approach, known as targeted alpha therapy (TAT), recognizes and destroys cancer cells while limiting the impact on nearby healthy cells.

### **KURION Inc., Irvine, CA**

*Kurion creates technology solutions to access, separate and stabilize nuclear and hazardous waste to isolate it from the environment. Kurion was one of the first responders companies at the Fukushima nuclear site and successfully managed the contaminated water generated by the accident.*

### **President & COO**

2014 – 2017

- Negotiated the sale of Kurion to the VEOLIA group ([www.veolia.com](http://www.veolia.com)) for \$350 million.
- Re-organized the company by Business Units to prepare for more growth.
- Successfully opened the Canadian market by winning a large waste retrieval contract from the Whiteshell Canadian Nuclear Laboratories in June 2017.

**AREVA Group**

2001 – 2012

*Ranked first in the global nuclear power services industry, AREVA was a unique integrated offering to utilities covering every stage of the fuel cycle, nuclear reactor design and construction, and related services. The group was also expanding in renewable energies – wind, solar, bio-energies, hydrogen and storage –*

AREVA, Inc. (U.S. and Canada), Bethesda, MD

**President and Chief Executive Officer – Executive Committee member**

2009 – 2012

- Successfully integrated multiple companies (including the former Framatome Inc. and Cogema Inc.), into a single (>5,000 employees) organization with more effective market clarity and focus.
- Doubled operating income in two years while maintaining revenues in excess of \$2 billion during the first ever two-year decline in electricity demand in U.S. history.
- Consolidated two nuclear fuel fabrication facilities into a single facility while improving quality, meeting customers' delivery schedules and returning the business to profitability.
- Obtained a \$2 billion loan guarantee from the U.S. Department of Energy to construct a 3.5 million SWU uranium enrichment facility in Idaho.
- Established very strong ties with key North American Utilities.
- Successfully launched AREVA Federal Services to address the US DOE market and served as its Chairman.
- Played a leading role in rebuilding public confidence in nuclear energy as a spokesperson for the U.S. nuclear industry following the earthquake and tsunami in Japan.
- Transitioned AREVA Solar from start-up to industrial provider of utility-scale solar generation technology.
- Oversaw the start-up and early regulatory success of AREVA Med, a subsidiary developing a revolutionary new radioisotope to treat cancer.

AREVA GROUP, Paris France

**Group Senior Executive VP – Used Fuel Business Group – Executive Committee member**

2005 – 2008

- Oversaw the day-to-day operations of three business units totaling more than \$2 billion in revenue.
- Initiated the now historic negotiations for one of the largest (>\$20 billion) technology transfer contracts between France and China to build and operate a used nuclear fuel recycling facility.
- Negotiated a successful partnership between AREVA, URS, and AMEC that bid for and won a contract to manage the clean-up of the United Kingdom's Sellafield complex, the largest nuclear Management and Operations contract in the United Kingdom.
- Negotiated and concluded plutonium fuel contracts with several Japanese electric utilities.
- Extended the nuclear used fuel recycling contract (> €20 billion) with AREVA's largest customer, *Electricité de France*, until 2025.
- Reorganized operations and created a new business unit focused on the decontamination and decommissioning of nuclear facilities. This business unit led AREVA's support for the Tokyo Electric Power Company response to the events at the Fukushima Daiichi nuclear plant.
- Successfully limited salary increases following an eight week strike.
- Created a new program to motivate and support the leadership growth of the Business Group managers.

AREVA Inc. (U.S. and Canada), Bethesda, MD

**Executive Vice President – U.S. Used Fuel Business Group**

2001 – 2004

- Reorganized AREVA's used fuel storage subsidiary, Transnuclear Inc., resulting in a doubling of revenue and a tripling of operating income.

- Negotiated and concluded a contract with the U.S. Department of Energy to design a fuel acceptance facility for the Yucca Mountain used fuel repository project. This contract was concluded despite extreme U.S.-French political tensions at the time (2003).
- Launched a Key Account Manager program in the United States to improve AREVA's customer interface. In 2012, this program was responsible for more than \$3 billion in annual orders.

**BIOFORTIS, Inc.**, Columbia, MD

*A biotechnology company specializing in an innovative information technology platform that integrates patient clinical, specimen, genetic, and molecular assay data.*

**Co-Founder & President**

2000 – 2001

- Successfully lead the first round of financing

**ECOBILAN Group**, Paris, France and Bethesda, MD

1993 – 2000

*Ecobilan is recognized worldwide as an innovative and technologically advanced leader in Life Cycle Assessment tools and services.*

**President & Chief Executive Officer**

1997 – 2000

**Executive Vice President, U.S. Operations**

1993 – 1997

- Successfully created and developed the US subsidiary.
- Negotiated and won contracts with major U.S. corporations and associations including IBM, Hewlett Packard, American Forest & Paper Association, Northern Telecom, and the U.S. Automobile Manufacturing Partnership.
- Authored multiple publications on Life Cycle Assessment.
- Developed and deployed proprietary computer modeling software to accelerate and improve the calculation of Life Cycle Assessments.
- Negotiated and completed the sale of ECOBILAN to PricewaterhouseCoopers.

**FRENCH MINISTRY OF INDUSTRY**, Paris, France**Special Advisor for Nuclear Affairs**

1992 – 1993

- Negotiated and coordinated the commercial shipment of civilian plutonium from France to Japan.

**FRANCE TELECOM**, Paris, France

1989 - 1992

**EDUCATION**Institute of Corporate Directors, Montreal, Toronto, Canada

2017 – 2018

Mines ParisTech & Telecom ParisTech, Paris, France**M.S., Engineering & Public Policy**

1986 – 1989

Ecole Polytechnique, Paris, FranceLycée Henri IV**B.S., Mathematics and Engineering**

1981 – 1986

**CITIZENSHIP**

France, United States