
 (Curriculum vitae)	
Personal Information	
Name/Surname	VALECA SERBAN CONSTANTIN
Address	
Nationality	
Date of birth	
Occupational field!	Company manager, program management, coordination of international agreements, research and higher education.
Professional experience	
Period	1) 1981-1996-ICN; 2) 1992-2005-ICN; 3) 2000-CD;4) 2000-2004-GUV; 5) 2002-present-UPIT; 6) 2007-present-ICN; 7) dec.2008-present-Romanian Senate; 8) 2010-CRIFST; 9) 2011-AOSR;10) 2017-GUV;11) 2018-GUV
Title or position held	1) engineer, chief scientific researcher 1 st degree 1;2) chief executive officer-ICN; 3) deputy-CD; 4) delegate minister-GUV; 5) PhD university professor-Coordinator Master of Nuclear Materials and Technologies-ICN; 6) President of the Scientific Council-ICN; 7) Senator (SEN); 8) associate member of CRIFST-Romanian Academy (m.a. CRIFST-AR); 9) corresponding member of the Romanian Academy of Scientists (m.c. AOSR); 10) the Minister of Research and Innovation; 11) Honorary Adviser to the Prime Minister on Nuclear Issues
Main activities and responsibilities	- Chief Executive Officer, coordination of the national nuclear program-U2, Governor of Romania and the International Atomic Energy Agency in Vienna, senior scientific researcher 1 st degree and President of the Scientific Council of ICN Pitești, PhD professor engineer; Member of the Senate of the University of Pitești; - List of published papers: 7 university courses-University of Pitești; 11 books-Academy Publishing House, Technical Publishing House and University Publishing House;41 technical procedures for quality assurance, guidance, regulations, instructions-ICN; 7 patents-OSIM; 102 research reports, scientific research contracts-ICN, 90 papers presented at conferences in the country and abroad, 40 articles published in specialized journals, scientific bulletins or debates published by international bodies.
Name and address of employer	Nuclear Research Institute (ICN), Chamber of Deputies (CD); Government of Romania (GUV), University of Pitești (UPIT); Romanian Senate
Type of business or sector	Production, investment, design, research, higher education.
Education and Training	
Period	1) 1976-1981; 2) 1981 -2008; 3) 1996; 4) 2003-2004; 5) 2013
Qualification 1 diploma obtained	1) Engineer; 2) 1 st degree senior researcher, PhD in industrial sciences, university professor; 3) "Nuclear Power Plant Safety Management" course diploma; 4) Graduate of the postgraduate course specializing in "Strategic leadership in the field of national security". 5) Graduate of the Romanian Diplomatic Institute
The main disciplines studied / acquired professional skills	1) design and construction of reactors and columns; 2) certification of nuclear fuel and fuel loading-unloading equipment in the Candu reactor, team development and coordination of the Master program "Nuclear Materials and Technologies" and "Energy and Nuclear Technologies" 3) industrial and nuclear units management; 4) management in the field of national defence;

Name and type of educational institution/ training provider	<ol style="list-style-type: none"> 1) Bucharest Polytechnic Institute; 2) Pitești Nuclear Research Institute, Transilvania University of Brașov and the University of Pitești; 3) J.E.P.I.C.- Japan; 4) National Defence College. 5) Romanian Diplomatic Institute-MAE
Level in national or international classification	ISCED 6, field 5: senior researcher, professor
Personal skills and competences	
Foreign languages	English, French: C1-experienced user
Social skills and competences	Promoting the national interest, ability to adapt to multicultural environments, team spirit;
Organizational skills and competences	<p>Institutional and society management, international relations management, organizational spirit, legislative and regulatory initiative;</p> <ul style="list-style-type: none"> - Coordination of ICN Pitești - chief executive officer; -Coordination of the national directorate RAAN- Deputy General Manager; - Minister of Research and Innovation (2 mandates) - coordination of national research activities and the national nuclear program; - Coordination of the Scientific Council of ICN Pitești; - Development of new programs within the University of Pitești (MTN and ETN) -Coordination of the UPIT-ICN Agreement on specialized practice, dedicated laboratories and execution of undergraduate/dissertation works for energy specializations and environmental engineering (over 300 works executed in partnership); At the same time, based on this collaboration in ICN, over 110 UPIT graduates have been hired through a competition in the last 10 years; - Supporting UPIT as co-organizer together with the Romanian Academy, AOSR and ASTR of the International "Nuclear" Conference at ICN; - Invited member in the Assessment Commissions within the Doctoral School of Energy of the Polytechnic University of Bucharest; - Negotiation with the EC representatives and support at the specialized commissions related to the EP, signing and ratification of the EURATOM loan contract between Romania and the EC for the completion of Unit 2 Cernavoda amounting to EUR 235 million; - Preparation and signing of the Agreement for Romania's participation in the EU 6th Research Framework Program FP6; - Negotiations with DG research and the European Commissioner responsible for research for the establishment of joint actions in order to continuously increase the participation of Romanian specialists in the 5th Framework program FP5; - Negotiating and establishing for our country the status of a country in the process of joining the CERN-Geneva research center; - Vice President of the IAEA Board of Governors - Coordination of the National Cooperation Programs with the IAEA Vienna; - Negotiation, signing and development of agreements with the DOE-USA on nuclear research and nuclear fuel of the TRIGA-Pitești and WRS-Magurele reactor -Negotiation of the European consortium for the development of the 4th generation ALFRED reactor in Romania; - completion of the Agreement on obtaining by our country the Membership Status of OECD-NEA; - negotiation and signing of the Agreement between ICN and the IAEA Vienna on scientific and technical support in the field of nuclear safety provided to Member States. - Negotiation of the US-Romania Agreement for the civil nuclear field signed in New York in 2019, which includes the educational component and the development in partnership of Generation 4 nuclear reactors.
Public activity	
Involvement in projects and programs	<ul style="list-style-type: none"> - member of the Government: 2000-2004 and 2017-promotion of over 90 draft normative acts; - coordinating the program of achievement and financing of Unit 2 Cernavoda -starting the program of achievement in B.O.T. system of Units 3 and 4; - coordinating the annual research and development plans and perspective of ICN and the development program of Generation IV of LFR type nuclear reactors in Romania through international cooperation; - senator - foreign policy commission

General skills and competences	
Technical skills and competences	- technological research, design, testing and production of nuclear equipment, teaching activity, investment programs.
Other skills and competences	- karate trainer, black belt 8 Dan
Driver's license	- B category
Additional Information	<ul style="list-style-type: none"> - The "Ionel Purica" Prize 2002, awarded by AREN at the National Energy Conference in 2002; - 2006 Medal of Honor of the Romanian National Committee of the World Energy Council; - National Order "Star of Romania" in the rank of Knight; - Diploma of Merit in the rank of "Officer of the Cross", conferred by the Superior Commission of Rewards of Brussels for special services rendered to the cause of progress and support of inventions; - Honorary citizen of Cernavoda-2002 -Honorary citizen of Arges County-2012; - Honorary Citizen of Mioveni-2013 - Member of the associations: World Energy Council - Romanian National Council; Romanian "Nuclear Energy" Association, Romanian "Nuclear Energy" Association and AREN- Romanian "Nuclear Energy" Association, Foundation of the National Defence College. Member of the NEA-OECD "Nuclear Law Committee (NLC)" Working Group - Vice President of the Romanian Traditional Karate Association; - Honorary President of the Romanian Traditional Karate Federation under the high Patronage of the Royal House; - President of Europe of the United World Karate Federation -Vice President of the "European Traditional Karate Federation"

Appendixes: lists 2021

PhD professor engineer Serban Constantin VALECA
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