



# SEBASTIEN ELIAS

## PROJECT MANAGER

15 years of Civil Engineering in Energy sector

### CONTACT

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Saint-Petersburg, Russia

International mobility

Born in Guadeloupe (French island) in 1983  
French nationality  
Russian permanent residence permit  
("вид на жительство")

### EDUCATION

**CHEC** Paris, France 2006-2007  
«Centre des Hautes Etudes de la Construction»  
(Construction High-levelled Study Center)  
Specialized executive master **CHEBAP** in post-tensioned and reinforced structure calculation

**EIVP** Paris, France 2003-2006  
«Ecole des Ingénieurs de la Ville de Paris»  
(Paris School of Civil Engineering)  
Civil engineering degree

**Saint-Louis** Paris, France 2001-2003  
Preparatory class for the entrance of the  
"Grandes Ecoles" MPSI-MP

### LANGUAGES

<b>French</b>	Mother tongue	● ● ● ● ●
<b>English</b>	Fluent	● ● ● ● ○
<b>Russian</b>	Fluent	● ● ● ● ○
<b>Spanish</b>	Good level	● ● ● ○ ○
<b>Portuguese</b>	Basic level	● ○ ○ ○ ○
<b>Creole</b>	Fluent	● ● ● ● ●

### WORK EXPERIENCE

**PROJECT MANAGER** Murmansk, Russia Since 01/2021  
**TENSA – Group DE ECCHER**  
Arctic LNG-2  
Design, supply, and installation of the bonded post-tensioning system of 3 Gravity Based Structures and 2 Dry Dock Gates for Liquefied Natural Gas storage  
World record of PT strand tonnage on one single project (about 33000 tons contracted)  
Management of one team involving up to 220 persons on site

**TECHNICAL MANAGER** Hinkley, UK 2019-2021  
**FVH-JV (Joint-venture Freyssinet/VSL)**  
Nuclear Power Plant EPR Hinkley Point C (2 units)  
Design, supply, and installation of the bonded post-tensioning system of the Nuclear Island reactor containments and of full-scale grouting mockups  
In-charge of engineering documentation, training of supervisors, and overall technical aspects of the project

**PROJECT MANAGER** Abu Dhabi, UAE 2018-2019  
**VSL Middle East – Group Bouygues**  
Nuclear Power Plant Barakah 3 & 4– APR 1400  
Post-tensioning ducting upgrade and strengthening  
Grinding repair works by remote robotic equipment  
Technical assistance for greased post-tensioning system installation of the Nuclear Island reactor containments

**NUCLEAR LEAD MANAGER** Saint-Petersburg, Russia 2016-2018  
**VSL International – Group Bouygues**  
Top management commercial representative on the Russian speaking nuclear market  
Price offer and technical offer preparation for key Nuclear Power Plant projects:  
Hanhikivi-1 (Finland), Kurskaya-2 (Russia), Akkuyu-1/2/3/4 (Turkey), Rupur-1 (Bangladesh), Bielorusskaya-1 (Belorussia), Tianwan-3/4 and 7/8 (China), Al-dabaa-1 (Egypt), PAKS-2 (Hungary), etc.

**PROJECT MANAGER** Vancouver, Canada 2016  
**Vorspann System Ltd – Group BOUYGUES**  
Tilbury LNG Project  
Supply and installation of bonded post-tensioning system on Liquefied Natural Gas containment

**PROJECT DIRECTOR** Kolkata, India 2015-2016  
**VSL India – Group BOUYGUES**  
Second Vivekananda Bridge  
External Post-tensioning Inspection, Repair and Replacement works  
Management of contract (technical and production aspects on site)

## INFORMATIC SKILLS

Microsoft Office Pack: **Word, Excel (Analytics with Power Query/Pivot, VBA), PowerPoint, Outlook**

Planning: **MS Project, Primavera**

Computer-Aided Design: **AutoCAD, TEKLA, SketchUp**

Languages: **C, Visual Basic, Html**

Geographic Information System. : **ARCGIS**

Video editing: **Adobe Premiere Pro**

Photo editing: **Adobe Photoshop**

## INTERESTS

### SPORT

Diving (PADI Open Water Diver)

Snorkeling / Freediving

Swimming

Bodybuilding

Snowboard

### MUSIC

Folk acoustic guitar player

### TRAVEL

More than 35 visited countries



## WORK EXPERIENCE / CONTINUED

**PRODUCTION MANAGER**  Flamanville, France  2014-2015

GPN: Joint-venture Freyssinet/VSL

Nuclear Power Plant EPR Flamanville-3

Supply and installation of the bonded post-tensioning system of the reactor building  
Management of the production department involving up to 110 persons on site  
(Superintendents, Foremen, Quality controllers, Team supervisors and Operators)


**PROJECT MANAGER**  Saint-Petersburg, Russia  2009-2014

VSL International – Group Bouygues

Nuclear Power Plant VVER-1200 Leningradskaya-2 (LAES-2 Units 1&2)

Supply of post-tensioning, monitoring and access platform systems  
Unbonded post-tensioning system with greased and sheathed strands  
Management of contract (technical and financial aspects) with clients, designer, sub-contractors and suppliers

**SITE ENGINEER**  Subingen, Switzerland  2007-2009

 Gien, France

VSL Switzerland – Group Bouygues

Nuclear Containment Full Scale Mock-Up of EPR, VVER, CPR, APR and APWR design

Design and preparation phase:

Technical engineer integrated in the European Technical Center  
Issuing and follow-up of structure design documentation  
Conception and design of the specific elements and equipment for the last generation nuclear post-tensioning systems

Civil works phase:

Purchase and supply enquiring  
Client and consulting engineer based on site  
Management of quality plan, health and safety plan

Post-Tensioning test phase:

Responsible for worksite activities  
Transmission tests witnessed by nuclear client delegations (EDF, Mitsubishi, Rosatom, Areva, Atomproekt, etc.)  
Methods validation tests: cement grouting, grease injection, cable threading, prefabricated cable pulling, etc.  
Management of worksite team on site (foreman, team supervisor and operators)



**TECHNICAL ENGINEER**  Vila Real, Portugal  2005-2006

NORINTER – Group Eiffage

Scut Interior Norte Highway project

Viaduct of Vila Pouca

Study of the concrete used for construction of the deck of the viaduct  
Balanced cantilevered bridge structure  
Finite element analysis model carried out on the software CESAR. Analysis of time dependent behaviors of concrete -LCPC

**FOREMAN (Internship)**  Hay-Les-Roses, France  2003

SADE – Group VEOLIA (2 months)

Extension of the geothermal heat network from Hay-les-Roses to Villejuif (1.3 km)

**OPERATOR (Internship)**  Issy-Les-Moulineaux, France  2002

LEFEVRE (1 month)

Restoration works of the Saint-Sulpice Seminary  
Technician working with masons and stone carvers' team