

## CURRICULUM VITAE – Ludmila RETIS

Mrs. Ludmila Retis is a senior engineer with more than 44 years of experience, mainly in engineering design of HVAC systems but also in broader issues such as energy auditing, development of normative documents and technical standards.

She also obtained number of certificates that are listed below:

- In 2014 obtained a certificate for finalizing training course “Energy efficiency in buildings” financed by EBRD.
- In 2013 obtained a certificate for finalizing international training course on “Industrial Energy Audit Analysis for Bankable Projects” founded by INOGATE.
- In 2013 obtained a certificate for finalizing international training course “Energy efficiency in buildings” provided by company Sofreco, (Energy Saving Initiative in Buildings - ESIB) founded by INOGATE.
- In 2012 became a certified thermal energy auditor of the Republic of Moldova;
- In 2000 obtained a certificate for finalizing training course on designing autonomous heating supply systems in Austria, provided by “HERZ” GmbH;
- In 1999 got licensed to carry out expert examination of HVAC and autonomous heating systems of the projects.

1. **Family name:** RETIS
2. **First names:** Ludmila
3. **Date of birth:** 16 August 1949
4. **Nationality:** Moldavian
5. **Civil status:** Single

### 6. Education:

<i>Institution</i>	Technological Institute of Refrigeration Industries. Ukraine, Odessa.
<i>Date: from (month/year): to (month/year):</i>	09/1966 07/1971
<i>Degree(s) or Diploma(s) obtained:</i>	Licentiate Engineer. Refrigeration and compressor machines and installations.

### 7. Language skills: (mark 1 to 5 for competence, 5 being the highest)

<b>Language</b>	<b>Reading</b>	<b>Speaking</b>	<b>Writing</b>
Romanian	5	5	5
Russian	5	5	5
English	4	1	2
Ukrainian	5	5	5

### 8. Membership of professional bodies:

- Member of Technical committee for Heating, ventilation and air conditioning CT-10. Ministry of Economy and Infrastructure.

### 9. Other skills: (e.g. computer literacy, etc.):

- Microsoft office and engineering software packages.

### 10. Present position:

- Energy Auditor and Senior Consultant in HVAC at CEE LTD
- Chief specialist in HVAC at ARD LTD

11. **Years within the firm:** 5

**12. Key qualifications: (relevant to the programme):**

- Certified Thermal Energy Auditor in the Republic of Moldova;
- Was involved in elaboration of about 60 energy audits.

**13. Specific experience in the EBRD countries of operation (Eastern European, CIS and Southern and Eastern Mediterranean):**

<b>Country</b>	<b>Date: from (month/year) to (month/year)</b>
Moldova	1971 - current

**14. Professional Experience Record:**

<i>Date: from (month/year) to (month/year)</i>	2015 – to date
<i>Location:</i>	Chisinau, Moldova
<i>Company:</i>	"Center for Energy Efficiency" (CEE) Ltd.
<i>Position:</i>	Chief Engineer in HVAC / Consultant
<i>Description:</i>	<ul style="list-style-type: none"> <li>• Senior Consultant for HVAC systems;</li> <li>• Design of HVAC systems;</li> <li>• Elaboration of Energy Audits.</li> </ul>

<i>Date: from (month/year) to (month/year)</i>	05/2017 – 05/2017
<i>Location:</i>	Chisinau, Moldova
<i>Company:</i>	"Modernisation of Local Public Services in the Republic of Moldova" GIZ.
<i>Position:</i>	Senior National Expert
<i>Description:</i>	<ul style="list-style-type: none"> <li>• Examine the technical parts of the bidders' offers including the cost estimates;</li> <li>• Give the expert opinion and recommendation to the working group for public procurements in the process of selection of the tender winner.</li> </ul>

<i>Date: from (month/year) to (month/year)</i>	04/2015 – 02/2016
<i>Location:</i>	Chisinau, Moldova
<i>Company:</i>	"Modernisation of Local Public Services in the Republic of Moldova" GIZ.
<i>Position:</i>	Consultant
<i>Description:</i>	<ul style="list-style-type: none"> <li>• TA in reconstruction of ventilation, air conditioning and smoke exhaust systems at "Regional Hospital Nisporeni"</li> <li>• TA in reconstruction of heating and DHW preparation through solar collector system "Regional Hospital Calarasi"</li> </ul>

<i>Date: from (month/year) to (month/year)</i>	2010 – 2015 (part-time)
<i>Location:</i>	Chisinau, Moldova
<i>Company:</i>	"Center of Engineering, Economy and Management in Constructions" (CIEMC) Ltd.
<i>Position:</i>	Chief Engineer in HVAC
<i>Description:</i>	<ul style="list-style-type: none"> <li>• Design of HVAC systems.</li> <li>• Boiler stations design with heat transfer agent till 115°C.</li> <li>• Elaboration of Energy Audits.</li> </ul>

<i>Date: from (month/year) to (month/year)</i>	2007 – to-date (Ad-hoc basis)
<i>Location:</i>	Chisinau, Moldova
<i>Company:</i>	ARD Ltd.
<i>Position:</i>	Chief Engineer in HVAC
<i>Description:</i>	<ul style="list-style-type: none"> <li>• Design of HVAC systems.</li> <li>• Boiler stations design with heat transfer agent till 115°C.</li> </ul>

<i>Date: from (month/year) to (month/year)</i>	2006 – to-date (Ad-hoc basis)
<i>Location:</i>	Chisinau, Moldova
<i>Company:</i>	The Ministry of Economy and Infrastructure of the Republic of Moldova
<i>Position:</i>	Member of Technical committee for Heating, Ventilation and Air Conditioning.CT-10.
<i>Description:</i>	<ul style="list-style-type: none"> <li>• Work on the methodology for the calculation of energy performance rating of buildings according to the EPBD</li> <li>• Voting member of the Committee for accepting/rejecting the standards.</li> <li>• Analysis of EPBD related EN standards in local language/ terminology and technical proofing</li> <li>• Analysis of local standards for technical mistakes.</li> <li>• Elaboration of technical solutions.</li> </ul>

<i>Date: from (month/year) to (month/year)</i>	1991 - 2007
<i>Location:</i>	Chisinau, Moldova
<i>Company:</i>	National Research Project Institute “Ceprosering” SA
<i>Position:</i>	Chief Engineer in HVAC
<i>Description:</i>	<ul style="list-style-type: none"> <li>• Design of HVAC systems.</li> <li>• Boiler stations design with heat transfer agent till 115°C.</li> </ul>

<i>Date: from (month/year) to (month/year)</i>	1987 - 1991
<i>Location:</i>	Chisinau, Moldova
<i>Company:</i>	National Project Institute “Moldpischeprom”
<i>Position:</i>	Team Leader of HVAC Engineers
<i>Description:</i>	<ul style="list-style-type: none"> <li>• HVAC Department Management</li> <li>• Design of HVAC systems.</li> <li>• Boiler stations design with heat transfer agent till 115°C.</li> </ul>

<i>Date: from (month/year) to (month/year)</i>	1976 - 1987
<i>Location:</i>	Chisinau, Moldova
<i>Company:</i>	National Project Institute “Moldgiprom”
<i>Position:</i>	Senior engineer in HVAC
<i>Description:</i>	<ul style="list-style-type: none"> <li>• HVAC Department Management</li> <li>• Design of HVAC systems.</li> <li>• Boiler stations design with heat transfer agent till 115°C.</li> </ul>

<i>Date: from (month/year) to (month/year)</i>	1971 - 1976
<i>Location:</i>	Chisinau, Moldova
<i>Company:</i>	Planning and Design Office under the Ministry of Dairy and Meat Industry of MSSR
<i>Position:</i>	Engineer, Senior engineer in HVAC
<i>Description:</i>	<ul style="list-style-type: none"> <li>• Design of HVAC systems.</li> <li>• Boiler stations design with heat transfer agent till 115°C.</li> </ul>