

# CURRICULUM VITAE

**Proposed role in the project:** Mechanical engineer expert/ EU consultant/Designer/Supervising Engineer  
**Category:**

1. **Family name:** Pećar
2. **First names:** Krešimir
3. **Date of birth:** 10.08.1972.
4. **Passport holder:** Croatia
5. **Residence:** Croatia
6. **Education:**

Institution (Date from - Date to)	Degree(s) or Diploma(s) obtained:
Electro-metal School Centre Osijek, Department of Mechanical Engineering, 1987-1991	Mechanical Technician, IV/I
University of Zagreb, Croatia, Faculty of Mechanical Engineering and Naval Architecture 1991.-1998.	B.sc.mech.eng. (VII/I ) mag.ing.mech.  Graduated in 1998 at the Faculty of Mechanical Engineering, University of Zagreb in the study of mechanical engineering, course: Process-energetic, and acquired the seventh university degree (VII / I) and the professional title "Mechanical Engineer"
Republic of Croatia, Ministry of environmental protection, physical planning and construction, 2002.	Professional exam for experts who are working in construction business
Croatian Chamber of Mechanical Engineers 2002.	Designer and supervision licence nr. 1227 and the professional title "licensed (authorized) mechanical engineer"
Croatian Chamber of Mechanical Engineers 2002. - present	Lifelong professional education
Montenegro MINISTRY OF SPACE ORGANIZATION AND LIFE ENVIROMENT PROTECTION	mechanical engineering plants, installations and systems designing licence, year 2010
Republic of Croatia, Ministry of construction and physical planning 2013.	Authorised auditor for the energy audits performing and energy certification of the buildings

7. **Language skills:** Indicate competence on a scale of 1 to 5 (1 - excellent; 5 - basic)

Language	Reading	Speaking	Writing
Croatian	native	native	native
Serbian	1	1	1
Montenegrin	1	1	1
English	2	2	2

8. **Membership of professional bodies:** Croatian Chamber of Certified Mechanical Engineers; Energetic Experts Society; Croatian Gas Association; Croatian Association for solar energy

9. **Other skills:**

- Driving licence
- full computer literacy
- computer calculations and mathematical models programming
- Windows application programming (e.g. solar thermo technique plants)

10. **Present position:**

Owner & designer @ HIDROENERGA Ltd. / EU programme Senior expert – consultant,

Designing and supervision, EU Project Consultant, Designer, Supervising Engineer, Technical Consulting, Engineering, Planning, Feasibility studies, Hydro technique and HVAC, Thermo energetic power installations, facilities and plants Designer, Water Hammer and Transient Analysis, Renewable energy sources

## Krešimir Pećar - Curriculum vitae

Certified Energy auditor / Energy Certification of the buildings

Lecturer at the seminars for energy auditors (certified persons) training at Faculty of Civil Engineering Osijek

**11. Years within the firm:** 10 / 19

**12. Key qualifications:** (Relevant to the project)

Senior expert with 19 years of experience as project designer, supervising engineer and consultant of

12.1 WATER/WASTE WATER TECHNOLOGY, W/WW PLANTS, IRRIGATION, PRESSURE SYSTEMS, PIPELINES, NETWORKS AND INSTALLATIONS, WATER HAMMER AND TRANSIENT ANALYSIS etc.

Wastewater treatment plants, wastewater pumping stations, pumping stations and irrigation systems of larger capacity, wells, water pump station, water tanks, water towers - pumping and conveyance of water, technology preparation and processing of drinking water, pressure stations on water supply systems, ship port infrastructure – water supply and wastewater disposal, ports, industrial and economic zones, farms, county waste management centre, etc.

12.2 HVAC AND SANITARY INSTALLATIONS

Plants and installation of heating, cooling, ventilation, air conditioning and renewable energy sources

Animal farms, shopping centres, commercial buildings, hospitals, hotels, residential buildings, highway traffic control centre, factories and process industries, churches and monasteries, old buildings under conservational protection, family houses etc.

12.3 RENEWABLE ENERGY SOURCES

Heating, cooling, sanitary hot water, solar plants, heat pumps, saving heat and thermal protection elaborates, techno-economic analyses.

12.4 PLANTS AND INSTALLATION OF NATURAL GAS AND LIQUEFIED PETROLEUM GAS for different kind of buildings and street infrastructures

12.5 ENERGY AUDITS PERFORMING AND ENERGY CERTIFICATION OF THE DIFFERENT TYPE OF THE BUILDINGS

Lecturer at the seminars for energy auditors (certified persons) training at Faculty of Civil Engineering Osijek as well as Energy audit and certification of large number of buildings

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12.6 OTHER

- Senior expert with experience EU programme consultancy gained through the participation in EU ISPA, IPA and other Programs
- 19 years of experience as project designer, supervising engineer and consultant of HVAC systems, Energy efficiency, Renewable energy sources, gas installations and networks, water/waste water technology, plants, irrigation, pipelines, networks, water hammer and hydraulic transient analysis and installations;
- HVAC Engineer with almost 20 years of experience in technical and thermo-dynamic analysis, thermos-technique, energy transport hydraulic modelling etc.
- Experience in design, construction, auditing, supervision and energy certification of different types of buildings
- Experience in preparation of technical documentation for construction according to FIDIC yellow and red book
- Extensive experience in preparation of bill of quantities for the works contracts in Croatia, Serbia, Montenegro and Turkey;
- Authorised licence in Croatia and Montenegro for designing mechanical installations, devices and systems as well as water supply and sewerage facilities;
- Authorised licence in Croatia for the Energy audit and certification
- Senior expert with experience EU programme consultancy gained through the participation in EU ISPA, IPA and other Programs.

**13. Specific experience in the region:**

Country	Date from - Date to
Croatia	1998 – present
Montenegro	2010 / 2012 / 2013 / 2014
Turkey	2015 / 2016
Serbia	2016 / 2017

14. Professional experience

Date from - Date to	Location	Company& reference person <sup>1</sup> (name & contact details)	Position	Description
2007. - present	Croatia	HIDROENERGA Ltd. Osijek, Authorized mech.eng. office Vj.I.Meštrovića 54, Osijek, Croatia Tel. +385 31 77 8017	<p>Hydro, Thermo and HVAC installations, plants, networks and facilities designer / supervising engineer / consultant. Energy efficiency expert, Energy auditon and Energy certification specialist.</p> <p>Water and Wastewater systems and plant designer and Technical Specialist, Senior consultant engineer, EU programme senior expert engineer. Hydro, Thermo and HVAC installations, plants and facilities designer. Freelance consultancy and supervision. Owner &amp; designer at HIDROENERGA, Renewable energy sources expert</p>	<p>Responsibilities:</p> <ul style="list-style-type: none"> <li>• Company Owner</li> <li>• Freelance engineer</li> <li>• Project designer</li> <li>• Supervising engineer</li> <li>• Technical consultant expert</li> <li>• Mechanical Engineering</li> <li>• HVAC specialist</li> <li>• Renewable sources specialist</li> <li>• Energy audit and Energy Certification specialist</li> <li>• Energy efficiency Techno-economical elaborates</li> <li>• Lecturer at the seminars for energy auditors (certified persons) training at Faculty of Civil Engineering Osijek</li> <li>• Technical Activities Planning</li> <li>• Feasibility studies</li> <li>• Hydromechanics, Thermo technique and HVAC installations</li> <li>• Facilities, Plant's and installations Designer and supervising engineer</li> <li>• Mathematical models and calculations programming</li> </ul>

<sup>1</sup> The Contracting Authority reserves the right to contact the reference persons. If you have any objection to this fact, kindly state so and provide a justification

Krešimir Pećar - Curriculum vitae

2010. - present	Croatia	HIDROENERGA Ltd. Osijek, Authorized mech.eng. office Vij.I.Meštrovića 54, Osijek, Croatia Tel. +385 31 77 8017	Lecturer at the seminars for energy auditors (certified persons)	<b>Faculty of Civil Engineering Osijek - Croatia</b>
2010. - present	Croatia	HIDROENERGA Ltd. Osijek, Authorized mech.eng. office Vij.I.Meštrovića 54, Osijek, Croatia Tel. +385 31 77 8017	Energy audit, certification and Energy efficiency reconstruction of the large number of buildings	<b>Kindergartens, Schools, Combo residential buildings, Family houses, Apartments and flats, Commercial buildings etc.</b>

Krešimir Pećar - Curriculum vitae

<p>2008.-present</p>	<p>Croatia</p>	<p>HIDROENERGA Ltd. Osijek, Authorized mech.eng. office Vij.I.Meštrovića 54, Osijek, Croatia Tel. +385 31 77 8017</p>	<p>HVAC, thermo technique and sanitary installations and equipment designer and Technical Specialist, Senior consultant engineer and supervising engineer</p>	<p><b>Plants and installation of heating, cooling, ventilation, air conditioning (HVAC) and sanitary equipment</b></p> <ul style="list-style-type: none"> <li>• <b>animal farms</b> (Kozarac 2/2007-12/2007, Andrijaševci 12/2007-5/2008, Čeretinci 5/2006-10/2007, Artificial insemination centre 2/2008-7/2008 itd.)</li> <li>• <b>shopping centres</b> (TC CIBALAE Vinkovci 9/2010-7/2011, Biljemarkant 2/2009-10/2009)</li> <li>• <b>commercial buildings</b> (Dicentra Osijek 1/2012-7/2012, Cras Osijek 8/2012-9/2012, Pastry shop Tvrđa Osijek 6/2014-7/2014, Sv. Ivan Zelina 3/2016, UNIKOM Osijek 2/2017, Restaurant PREHRANA Osijek 2/2017)</li> <li>• <b>industry</b> (Meggle milk factory 3/2010-7/2010, Enterpreneurial Centre Working hall Donji Miholjac, 1/2013 – 3/2013, Water supply Plant Djurdjenovac 3/2014-4/2014)</li> <li>• <b>museum</b> (Nova Gradiška 7/2007-2/2008)</li> <li>• <b>hospitals and nursing</b> (Clinical Hospital Centre Osijek 5/2007-1/2008, Nursing centre Beli Manastir 6/2009-12/2009) →</li> <li>• <b>residential buildings</b> (Condo building „Nikic“ 12/2008-5/2009, Condo building „Frankopan“ 1/2009-7/2009, Condo colony „Nova Divalentova“ Osijek 5/2010-11/2010, Condo DIVMAR 1 4/2016, Condo DIVMAR 2 4/2017, Condo AD2D 3/2017, Condo Villa Huttler 4/2016)</li> <li>• <b>highway traffic control centre</b> (COKP + CP Vrgorac 8/2007-3/2008)</li> <li>• <b>railway station</b> (Ploče 12/2007-4/2008, Vukovar 12/2007 4/2008)</li> <li>• <b>church and monasteries</b> (Klarise-Požega2/2010-7/2010, Reformatorist Church-Suza 11/2010-4/2011, Church Kaptol 3/2009-6/2009)</li> <li>• <b>city library</b> (Spahijski podrum Pakrac 8/2008-3/2009)</li> <li>• <b>hotel/hostel</b> (Kurija Adamović Aljmaš 5/2011-11/2011, Hostel Osijek – previous Old Bakery 4/2012-...)</li> <li>• <b>state archive</b> (State archive in Osijek 1/2009-6/2009)</li> <li>• <b>urban villa with pools and/or specific technological requests</b> (Villa Z 5/2010-11/2010, Siscia 4/2010-7/2010, Kanjir 11/2009-3/2010, Alagić 5/2008-11/2008, Damjanović 2/2008-6/2008, Matoš5/2007-9/2007, Rašić10/2007-1/2008, Novaković 8/2007-10/2007, Leko 1/2012-5/2012, Hefer 1/2012-5/2012, Šaravanja,</li> </ul>
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Krešimir Pećar - Curriculum vitae

				<p>Hejja 10/2012-12/2012,Zagorscak 8/2013 – 10/2013, Piacun 7/2013, Žeravica 11/2013, Šimunić 12/2013, Nusinovic 6/2014, Lovrineciv 10/2014, TRINAS 2/2017, Zetovic 2/2017 etc.)</p> <ul style="list-style-type: none"> <li>• <b>Gym hall</b> (Primary school VIJENAC Osijek 4/2012-7/2012)</li> <li>• <b>Oher</b> (Salt room 11/2010-2/2011, Gypsies Cultural Centre 2/2009-10/2009, Passenger ships pier 7/2014-8/2014)</li> <li>• <b>Family houses energy reconstruction</b> (House Njokoš 9/2014, Vukoja 10/2014, Šarac 10/2016, Lovrečić 3/2017, Jonjić 3/2016, Hajdinjak 4/2016, Lončarić 1/2015)</li> </ul>
2008.- present	Croatia	HIDROENERGA Ltd. Osijek, Authorized mech.eng. office Vlj.I.Meštrovića 54, Osijek, Croatia Tel. +385 31 77 8017	Renewable energy sources designer, technical specialists and consultant engineer	<p><b>Renewable energy sources, Hot water Solar plants, Heat pumps, Saving heat and thermal protection Elaborates, Techno-economical analyses: Urban fairy and houses with high technological requirements, factories, hotel, hostel, churches etc.</b></p> <p><b>Projects for private investors.</b></p> <ul style="list-style-type: none"> <li>• <b>commercial buildings</b> (Cras Ltd, Dicentra Ltd, BAJT Požega 10/2016, Branjin Vrh 1/2017)</li> <li>• <b>old buildings under conservational protection</b> (Hotel Kurija Adamović, Hostel Osijek - Old Bakery)</li> <li>• <b>shopping centres</b> (TC Cibalae)</li> <li>• <b>urban villa</b> (Mahulja - Krk, Šaravanja - Vinkovci, Alagić - Osijek, Kanjir - Zagreb, Piacun, Lovrinčević - Osijek, Villa P Đakovo, Villa Stimac Rijeka, Villa Špiranović - Osijek)</li> <li>• <b>industry</b> (NEXUS Ltd)</li> <li>• <b>church and monasteries</b> (Reformist church Suza, Jehova's church Darda)</li> <li>• <b>fotovoltaic/solar hot water systems</b> (Solar Powerhouse Fotovolt 2, Fotovolt 3, 1/2013-5/2013)</li> <li>• <b>The city of Vukovar market-piazza</b> (Heat pumps air/freon 100 kW)</li> <li>• <b>Hotels</b> (Aparthotel Novalja, 7/2016 Heat pumps air/water 70 kW; Hotel Central Osijek, 2/2016, Heat pumps air/water 150 kW)</li> <li>• <b>Center for the autistic</b> (Heat pumps air/freon 100 kW) 7/2016</li> <li>• <b>DRIVE-IN pharmacy and medical center</b> (Natural Gas absorption heating pump 70 kW)</li> </ul>

Krešimir Pećar - Curriculum vitae

				<ul style="list-style-type: none"> <li>• <b>TRIPOLSKI medical center</b>, 10/2016 (Heat pumps air/freon 30 kW)</li> <li>• <b>Electrical distribution Co. DATA CENTER</b> – servers cabinets industrial cooling, 3/2016</li> <li>• <b>Caffe Pula</b>, 5/2016 (recuperation with the integrated heating pump, COP 8)</li> </ul>
2008. - present	Croatia	HIDROENERGA Ltd. Osijek, Authorized mech.eng. office Vj.I.Meštrovića 54, Osijek, Croatia Tel. +385 31 77 8017	HVAC, thermo technique and sanitary installations and equipment designer and Technical Specialist, Senior consultant engineer and supervising engineer	<p><b>HVAC instalations in water technology systems buildings</b></p> <p><b>Waste Water Treatment Plants: WWTP Marjančaci, WWTP Voćin, WWTP Metković, WWTP Osijek, WWTP Kneževi Vinogradi, WWTP Šag – Nard, WWTP Berane, WWTP Čeminac, WWTP Topit, WWTP Marlera, WWTP Suhopolje, WWTP Grubišno polje, WWTP Gospić, WWTP Sugar Factory Osijek, WWTP Rijeka, Potable water plant OMBLA-DUBROVNIK (from 1000 to 180.000 PE),</b></p> <p>Date: Marjančaci (1/2009-4/2009), Voćin (2/2010-5/2010), Metković 2/2008-4/2008), Opatija (8/2010-6/2011), Osijek (1/2011-2/2011), Kneževi Vinogradi (5/2011-10/2011), Šag-Nard (10/2011-12/2011), Čeminac (2/2013-5/2013), Topit (6/2013-7/2013), Medulin (11/2013), Suhopolje (10/2013), Grubišno polje (12/2013), Gospic (5/2014), Berane 2011., Rijeka (1/2016-5/2016), Dubrovnik 9/2016-4/2017</p> <p>Client: local government, utility companies</p> <p>Main project features: Processing technology, mechanical and technological equipment and pipelines</p> <p>Activities performed: Design of preliminary and/or final designs, bills of quantities, hydraulic modelling, other calculations etc.</p>
2008. - present	Croatia	HIDROENERGA Ltd. Osijek, Authorized mech.eng. office Vj.I.Meštrovića 54, Osijek, Croatia Tel. +385 31 77 8017	HVAC, thermo technique and sanitary installations and equipment designer and Technical Specialist, Senior consultant engineer and supervising engineer	<p><b>Biogas Power cogeneration plants 300 kW – 2 MW</b></p> <p><b>Trpinja, Darda, Grubisno Polje, Voćin, Bilje 2, Našice 1, Našice 2, Virovitica, Daruvar, Vukovar, Oroslavje 1, Oroslavje, Otočac, Veliki Bukovec C1, Veliki Bukovec C2, Veliki Bukovec C3, Veliki Bukovec C4, Severin (0.3 – 2.0 MW<sub>el</sub>)</b></p> <p>Date: Trpinja 7/2012, Darda 10/2014, Grubisno Polje 11/2014, Voćin 12/2014, Bilje 2/2015, Našice 1 3/2015, Našice 2 3/2015,</p>



Krešimir Pećar - Curriculum vitae

				<p>Virovitica 5/2015, Daruvar 4/2015, Vukovar 7/2015, Oroslavje 1 8/2015, Oroslavje 2 8/2015, Otočac 10/2015, Veliki Bukovec C1 11/2015, Veliki Bukovec C2 11/2015, Veliki Bukovec C3 11/2015, Veliki Bukovec C4 11/2015, Severin 11/2015</p> <p>Client: private investors Main project features: Processing technology, mechanical and technological equipment and pipelines Activities performed: Design of preliminary and main designs, bills of quantities, hydraulic and energy modelling, other calculations, drawings, technical reports etc.</p>
2000. – 2007.	Croatia	<p>HIDROING Ltd. Osijek Smičiklasova 1, Osijek, Croatia Director: Vjekoslav Abičić Tel. +385 31 251 100</p>	<p>Designer/ Technical Expert</p>	<p><b>HVAC instalations in water technology systems buildings</b></p> <p><b>BENETTON Osijek, Donja Vrba, Dragalić, Gradište, Gunja, Jasenovac, Kućanci, Prosište, Županja, Jarčevac, V. Grdevac, Prosine – Kneževi Vinogradi,</b></p> <p>Date: BENETTON Osijek (3/2001-8/2001), Donja Vrba (8/2002-10/2002), Dragalić (1/2000-4/2000), Gradište 11/2001-1/2002), Gunja (4/2001-9/2001), Jasenovac (5/2003-10/2003), Kućanci (1/2003-4/2003), Prosište (6/2003), Županja (8/2001-10/2001), Prosine – Kneževi Vinogradi (9/2005-12/2005), Jarčevac (11/2006),</p> <p><b>Project for local government and utility companies.</b></p> <p>Supervising engineer, planning, HVAC and thermo technique installations, facilities and plants' designer. Main project features: HVAC installations at processing technology buildings, mechanical and technological equipment and pipelines Activities performed: Design of preliminary and final designs, bills of quantities, thermo-hydraulic modelling, other calculations etc.</p>
1998. – 2000.	Croatia	<p>Water supply Company Vodovod-Osijek d.o.o.  Project Office</p>	<p>Designer associate</p>	<p><b>HVAC, Thermo technique installations, water wells, pumping stations, street gas pipelines etc.</b></p> <p>Main project features: Processing technology, mechanical and technological equipment and pipelines</p>

## Krešimir Pećar - Curriculum vitae

		<p>Poljski put 1, Osijek, Croatia</p> <p>Head: Ivica Paić Tel. +385 31 330 200</p>	<p>Activities performed: Design of preliminary, main and final designs, bills of quantities, thermo-hydraulic modelling etc. Projects for local government, utility companies and private investors</p> <ul style="list-style-type: none"> <li>□ <b>shopping centres</b> (BILLA Osijek 5/2000-12/2000)</li> <li>□ <b>commercial buildings</b> (Water supply company – Osijek 5/1999-9/1999, Water supply company-Sisak 3/1999-7/1999, Hidroing Osijek, Food-technology faculty fakultet Osijek 11/1999-3/2000)</li> <li>□ <b>hospitals</b> (Clinical Hospital Centre Osijek – surgical ward 1/1999-7/1999)</li> <li>□ <b>industry factories and process industries</b> (VUPIK Vukovar 1/2000-6/2000, Paper industry Belišće 11/1999-3/2000)</li> <li>□ <b>church and monasteries</b> (Novi Mikanovci 3/1999-5/1999)</li> <li>□ <b>family houses</b> (Orkić, Petrović, Benašić itd.)</li> <li>□ <b>street gas pipelines</b> (Poljski put, Free zone Osijek, Vukovar)</li> </ul>
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### 15. Other relevant information (e.g., Publications)

- Lecturer at the seminars for energy auditors (certified persons) training at Faculty of Civil Engineering Osijek as well as Energy audit and certification
- Perennial experience in writing expert papers - articles (13 published papers in Journals) and lecturing (8 presentations at Symposiums) in professional areas of Hydromechanics, Thermo technique and Renewable energy sources.

#### Expert papers published in relevant professional journals

- Quasi-renewable energy of the forest biomass in the subsidized thermo-power plants with the wood chips gasification technology: forests in the jaws of the danger value system, EGE 2/16, 4/16, 5/16, Zagreb 2016.
- Development and usage of SolarTeh computer application for solar systems' design, EGE 2.10, Zagreb, 2010
- Resolving the smell of wastewater pressure transport systems, EGE 4.9, Zagreb, 2009
- The heat exchanger ground -air or solar system for heating and cooling in production facility ?, EGE 9.2, Zagreb 2009

## Krešimir Pećar - Curriculum vitae

- Heat pumps with underground thermal probe – the gap between reality and dream, EGE 9.1, Zagreb 2009
- The introduction of a new system of legal and technical regulations in the field of architecture in Croatia, EGE 7.3, Zagreb 2007
- The possibility of application of pumps with submerged rotor in large irrigation systems, EGE 7.2, Zagreb 2007
- Computer programming of hydraulic model of the hot water transport network, the EGE 7.1, Zagreb 2007
- Electrical heating of old sacral objects – an alternative or recklessness? EGE 1.6, Zagreb 2006
- Effective protection of long pressure waste water pipelines from clogging, EGE 5.5, Zagreb 2005
- Floor heating of old sacral objects, EGE 4.5, Zagreb 2005
- Analysis of possible technical solutions for long pressure waste water pipes (part 2), EGE 5.4, Zagreb 2005
- Analysis of possible technical solutions for long pressure waste water pipes (part 1), EGE 5.2, Zagreb 2005

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### **Expert lecturing at conferences, symposiums and education of authorized professionals**

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- Quasi-renewable energy of the forest biomass in the subsidized thermo-power plants with the wood chips gasification technology: forests in the jaws of the danger value system, expert conference: Renewable energy applications possibilities, Energetika marketing , Zagreb 2016.
- Series of lectures in MODULE 1 and MODULE 2 professional training for individuals that perform energy audits and energy certification of buildings at the Civil Engineering Faculty in Osijek in the area of mechanical engineering – thermodynamics (heating / cooling / ventilation / air conditioning) and renewable energy resources, 2012, 2013, 2014. 2015.
- Reverse osmosis in wastewater treatment of county waste management centre “Kastijun” Pula, 3rd Congress “Chartered Mechanical Engineers Days”, Sibenik 2013
- Ultra filtration in the preparation of drinking water, 21st International Symposium Interklima Zagreb 2011
- E3 potential of solar thermodynamics systems (Energy \* Ecology \* Economy) – comparative analysis of different types of buildings, Zagreb Energy Week, Tribune 40 for Green Zagreb, 2010
- Development and usage of computer applications in the design of solar thermodynamics systems, assembly of experts: Application possibilities of solar thermal systems, Energy Marketing, Zagreb, 2010
- Heat pumps with underground thermal probe, assembly of experts: Possibilities of heat pump, Energetic Marketing, Zagreb, February 2009
- Computer programming of hydraulic model of the medium pressure gas network, the 6th Natural Gas Conference, HEP Gas, Osijek 2008

## Krešimir Pećar - Curriculum vitae

- Windows application programming (e.g. solar thermo technique plants etc.)
- Excel / AutoCAD VBA computer calculations programming and drawing
- Water Hammer and Transient Analysis

Date:  
April the 1<sup>st</sup> 2017.

A handwritten signature in blue ink, appearing to read 'Pećar', with a long horizontal flourish extending to the right.