

Vladimir Dyachkov – Curriculum Vitae

1. **Family name:** Dyachkov
2. **First names:** Vladimir
3. **Date of birth:** 24 May 1966
4. **Citizenship:** Russian Federation
5. **Place of residence:** Arkhangelsk, Russian Federation
6. **Education:**

Institution (Date from - Date to)	Degree(s) or Diploma(s) obtained:
Bureau Veritas, seminar “Energy Management Systems. Standard ISO 50001:2011” (2011)	Certificate of attendance.
Moscow Institute of Energy Safety and Energy Saving. Refresher Course in "Energy Saving. Energy Survey of Industrial Plants and Housing and Utility Facilities", 2010	Certificate of Completion.
Northern Arctic Federal University (2001)	Academic rank of Associate Professor of Industrial Heat and Power Engineering
Norwegian Energy Efficiency Group (ENSI) Training program "Energy audit and financial engineering", 1999-2000	Professional certificate
Institute of Economy, Finance and Business, 1998	Certificate of Completion
Northern Arctic Federal University (1998)	Academic degree of Candidate of Technical Science (equivalent to PhD) in the specialist field of “Environmental protection and sustainable use of natural resources”. Dissertation theme is “Improving efficiency of energy utilization of wood waste and hydrolytic lignin”
Arkhangelsk Forest Engineering Institute (later Arkhangelsk State Technical University, now Northern Arctic Federal University) (1983-1988)	Diploma of Industrial Heat and Power Engineer

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

Language	Reading	Speaking	Writing
Russian (mother tongue)	1	1	1
English	2	2	2

8. **Membership of Professional Associations:**

- Self-regulatory organization in the field of energy survey "Energy Audit"

9. **Other skills:** (e.g. Computer literacy, etc.) Advanced computer user, MS Office, Internet, Skype

10. **Present position:** CCGS LLC, Director, Greenhouse Gas Department

11. **Years within the firm:** 5 (since 2008)

12. **Key qualifications:** energy saving, utilization of wood waste, non-traditional and renewable energy sources, optimization of burning of fuel, energy auditing, reliability of the power equipment, computer programming

13. **Specific Experience in the regions:**

Country	Date from - Date to
Russia	1988 – 2014
Poland	1995

14. Employment Record:

From (year): 2013	To (year): now
Employer:	CCGS LLC (Arkhangelsk, Moscow)
Position held:	Director, GHG Department

From (year): 2008	To (year): 2012
Employer:	CCGS LLC (Arkhangelsk, Moscow)
Position held:	Director, GHG Inventory and Monitoring Department

From (year): 2007	To (year): 2008
Employer:	Camco International Ltd (Moscow branch)
Position held:	Senior JI Specialist

From (year): 2006	To (year): 2007
Employer:	MCF Financial & Consulting Company Ltd. (Moscow)
Position held:	Chief Energy Analyst

From (year): 2002	To (year): 2006
Employer:	Environmental Investment Center (Arkhangelsk)
Position held:	Expert on Energy

From (year): 2003	To (year): 2005
Employer:	Russian Swedish Educational and Information Centre of Bioenergy (Arkhangelsk)
Position held:	Energy expert

From (year): 1995	To (year): 2009
Employer:	Arkhangelsk State Technical University (Arkhangelsk)
Position held:	Senior Lecturer later on assistant professor of Industrial Power

From (year): 1983	To (year): 1995
Employer:	Arkhangelsk State Technical University (Arkhangelsk)
Position held:	Engineer of Research Sector

15. Professional experience

Date from - Date to	Location	Company & reference person (name & contact details)	Position	Description
2011 – on-going	Novodvinsk, Arkhangelsk region	Arkhangelsk pulp-and-paper mill (Evgenia Moskalyuk, <i>Moskalyuk.Evgenia@appm.ru</i>)	Chief project executor	Implementation of greenhouse gas management system at Arkhangelsk PPM in accordance with ISO 14064-1:2006 Project management and coordination, development of a climate strategy for the period up to 2020, development of regulatory basis, documents final check and editing.
2012	Moscow	IFC (Mr. Patrick Willems, Program Manager, IFC Russia, Renewable Energy Program, <i>PWillems@ifc.org</i>)	Energy advisor / Contributor	Examination of Capacities for Renewable Energy Sources in Kaluga regions with a focus on biomass technologies. Project concept, approach, methodology
2013	Moscow	IFC (Mr. Patrick Willems, Program Manager, IFC Russia, Renewable Energy Program, <i>PWillems@ifc.org</i>)	Energy advisor / Contributor	Examination of capacities for renewable energy sources in Belgorod region with a focus on biomass technologies Project concept, approach, methodology
2010-2013	Arkhangelsk	CJSC "Sawmill 25" (Elena Shikhova, <i>finance@sawmill25.ru</i>)	Project developer / Project monitoring supervisor	Pellet Production from Sawmill Residues at CJSC "Sawmill 25", Arkhangelsk, Russian Federation Project preparation and support through determination. Supervision of preparation of the project monitoring reports, support of the project during verification.
2008-2012	Severoonezhsk, Arkhangelsk Region	Teploinvest (Andrey Dyadyura, <i>a.dyadyura@moeg.ru</i>)	Project monitoring supervisor	Wood Waste to Energy in Severoonezhsk, Arkhangelsk Region, Russian Federation Supervision of preparation of the project monitoring reports, support of the project during verification.
2008-2011	Ust-Ilimsk, Irkutsk region	OJSC "Ilim Group"	Project monitoring supervisor	Bark and Wood Waste to Energy at OJSC "Ilim Group" Branch in Ust-Ilimsk, Russian Federation Supervision of preparation of the project monitoring reports, support of the project during verification.

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2008-2012	Bratsk, Irkutsk region	OJSC "Ilim Group"	Project monitoring supervisor	Biomass Wastes to Energy at OJSC "Ilim Group" Branch in Bratsk, Russian Federation Supervision of preparation of the project monitoring reports, support of the project during verification.
2007	Latvia	BTI	Project co-developer	BTI Biomass Waste-to-Energy Project, Latvia Project preparation and support in determination
2006 – 2013	Novodvinsk, Archangelsk region	Arkhangelsk pulp-and-paper mill (Evgenia Moskalyuk, <i>Moskalyuk.Evgenia@appm.ru</i>)	Project developer / Project monitoring supervisor	Biomass utilization at Arkhangelsk PPM, Archangelsk, Russia Participation in project preparation Supervision of preparation of the project monitoring reports, support of the project during verification of the monitoring report.
2006-2008	Archangelsk	CJSC "Sawmill 25" (Elena Shikhova, <i>finance@sawmill25.ru</i>)	Project developer / Project monitoring specialist	Wood waste-to-energy project at Sawmill 25, Archangelsk, Russia Project preparation and support through determination Preparation of project monitoring reports for 2006-2007.
2007-2013	Balakhna, Nizhny Novgorod region	JSC "Volga"	Project developer / Project monitoring supervisor	Biomass wastes-to-energy project at JSC "Volga", Russia Project preparation and support through determination Supervision of preparation of the project monitoring reports.
2005-2006	Arkhangelsk	Arkhangelsk Regional Adm.	Energy expert	Energy strategy of the Arkhangelsk region towards 2015 Collection of information. Participation in development of scenarios. Participation in the report writing
2003-2004	Novodvinsk, Archangelsk region	Arkhangelsk pulp-and-paper mill (Evgenia Moskalyuk, <i>Moskalyuk.Evgenia@appm.ru</i>)	GHG expert	Integrated computer program for GHG emissions inventory and monitoring at Arkhangelsk PPM Creating a computer program. Conduct training courses on using

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2004	Novodvinsk, Archangelsk region	Russian Swedish Centre of Bioenergy	Energy expert	Use of biomass at Arkhangelsk PPM Participation in the report writing
2004	Novodvinsk, Archangelsk region	Russian Swedish Centre of Bioenergy	Energy expert	Review of equipment for preparation of bark and wood fuel before combustion Participation in the report writing
2004	Novodvinsk, Archangelsk region	Arkhangelsk pulp-and-paper mill (Evgenia Moskalyuk, <i>Moskalyuk.Evgenia@apppm.ru</i>)	GHG expert	Estimation of the GHG emission footprint of the main divisions of Arkhangelsk PPM Participation in calculations and drawing up of reports
2003-2004	Novodvinsk, Archangelsk region	Arkhangelsk pulp-and-paper mill (Evgenia Moskalyuk, <i>Moskalyuk.Evgenia@apppm.ru</i>)	GHG expert	Elaboration of Arkhangelsk PPM's climate strategy towards 2012. Collection of information. Participation in development of scenarios
2003	Novodvinsk, Archangelsk region	Arkhangelsk pulp-and-paper mill (Evgenia Moskalyuk, <i>Moskalyuk.Evgenia@apppm.ru</i>)	Energy expert	Energy use and energy efficiency at Arkhangelsk PPM Collection of information, calculations and writing of main sections
2002-2005	Novodvinsk, Archangelsk region	Arkhangelsk pulp-and-paper mill (Evgenia Moskalyuk, <i>Moskalyuk.Evgenia@apppm.ru</i>)	GHG expert	Inventory of GHG emissions at Arkhangelsk PPM for 1990-2004 on a year-by-year basis Participation in calculations and drawing up of reports
2002-2003	Archangelsk	Solombala PPM	GHG expert	Inventory of GHG emissions at Solombala PPM for 1990, 1994, 1998-2001 Participation in calculations and drawing up of reports
2002	Novodvinsk and Velsk, Archangelsk region	Environmental Defence, US	GHG and environmental expert	Health risks co-benefit analysis of GHG emission reduction scenarios for Novodvinsk and Velsk cities, Archangelsk region Development of sections related to emissions of hazardous substances

15a. Publications

Yulkin M.A., Diachkov V.A., Samorodov A.V., Kokorin A.O., Voluntary systems and standards to reduce greenhouse gas emissions. Moscow, the World Wildlife Fund (WWF), 2013 - 100 p.

V. Dyachkov. Effective energy management and control of greenhouse gas emissions/ Energy Fresh. #3. March, 2011.- P.40-42.

V. Dyachkov. Energy-carbon management as a means of greenhouse gas control/ Problems of Heat Power Engineering in the European North. Collection of scientific papers. – Arkhangelsk. Northern Arctic Federal University, 2010. – P.48-53.

Climate change: view from Russia / Edited by prof. V.I. Danilov-Danilyan – M.: TEIS, 2003. – 416 p.

Yulkin M., Samorodov A., Diachkov V., Fedorova E., Balashova E. Kyoto Protocol and people's health: ecologic-epidemiological assessment of energy development scenarios in Arkhangelsk region / GHG Inventory and Reduction in Arkhangelsk Oblast. - Arkhangelsk Environmental Investment Center. 2002. - P. 50-58.

Lubov V., Diachkov V., Efimov R. Analysis of scheme of burning of wood waste./ Materials of the Third International Conference on Heat exchange.- Moscow. 2002.

Lubov V., Diachkov V., Problems of economy of fuel and energy resources at the industrial enterprises/ The interuniversity collection of research publications.- SPb., 2002, p.138-147.