

Excursion:
**Sweden – Helsinki – Saint Petersburg – Joensuu –
Helsinki – Sweden**

Peter Lohmander
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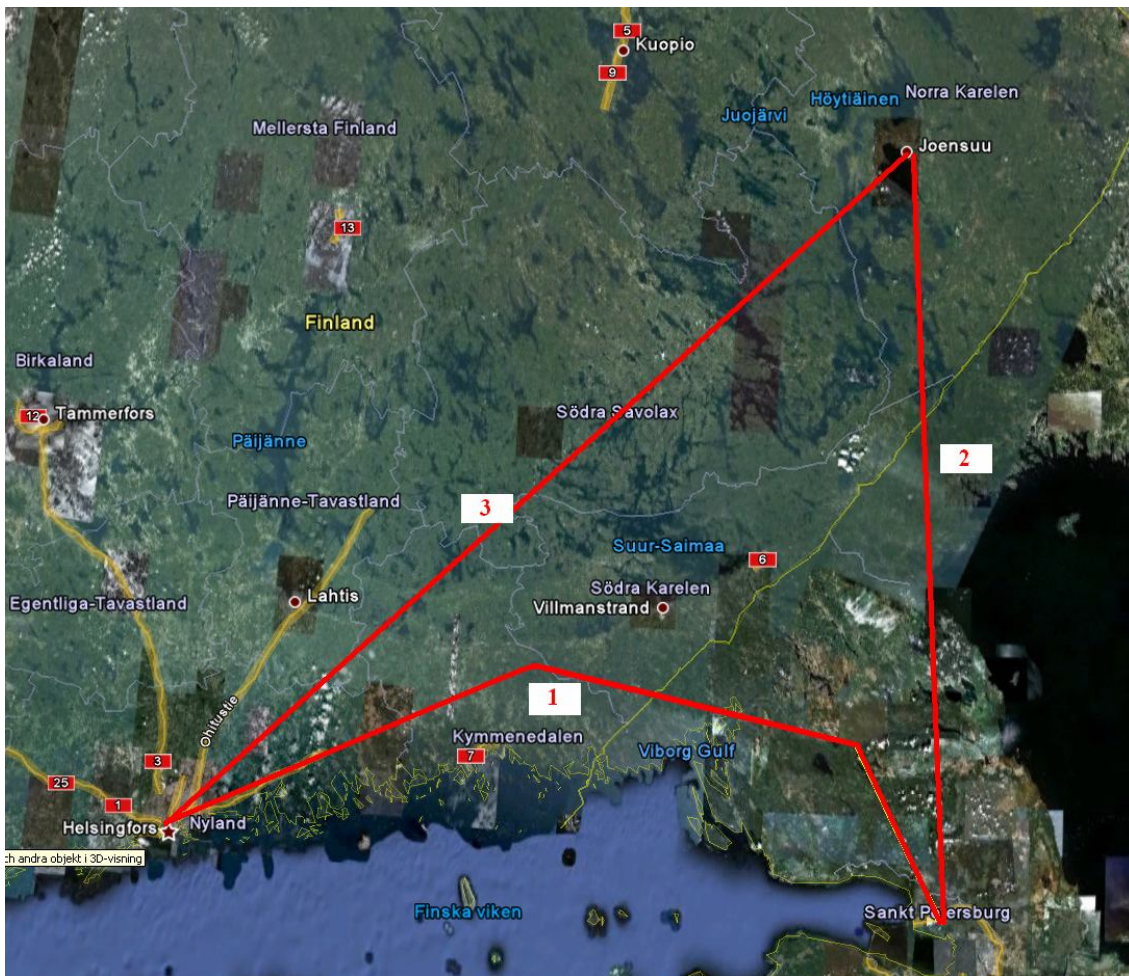


Figure 1.
Travel Summary Map.

Flight from Umea to Helsinki. Participants: 23 master of forestry students, Peter Lohmander and Marine Elbakidze, from Swedish University of Agricultural Sciences, SLU. In Helsinki, we rent a bus. This bus will be used all the time until we come back to Helsinki again. Bus ride #1 (marked with a red “1” on the map) will be as rapid as possible. We have to reach Saint Petersburg according to schedule. We go by bus to Saint Petersburg and follow the excursion arranged by Maxim Chubinsky. Then, we go to Joensuu (Bus ride #2) where we visit EFI. The main coordinator in Finland is Maarit Kallio. It is good if we can make some field visits during Bus ride #2, in Russia and in Finland. In Joensuu we visit EFI and then go on Bus ride #3. We would also like to make field visits along ride #3. Then, we come to Helsinki, where we have the final part of the tour. Flight from Helsinki to Umea.

Excursion Plan

Date	Day	Time	Place	Activity	Coordinator
Apr 11	Wednesday			Travel Umea – Saint Petersburg	
				Individual transport to Umea airport (Alvik)	
		06.00		The group meets at Umea airport (Alvik). Practical details and last minute information. Check in.	Peter L
		07.00-08.00		Flight from Umea (Alvik) to Stockholm (Arlanda) (Carrier: Norwegian)	Peter L
				The group instantly gathers when we leave the plane. We walk together through the Arlanda airport to the international terminal. Continuous information about practical details and last minute information. We walk as a group, together.	
		10.30-12.25		Flight from Stockholm (Arlanda) to Helsinki (Carrier: Finnair)	Peter L
				ADJUST YOUR WATCH!	
				The group instantly gathers when we leave the plane. We walk together through the Helsinki airport and collect our luggage. Continuous information about practical details and last minute information. We walk as a group, together, to the bus.	Peter L
				Bus ride from Helsinki to Saint Petersburg. Along the tour, we make stops to eat etc..	Peter L
			Saint Petersburg, Close to FTU	HOSTEL reserved by Maxim C which will be used until we leave Russia. Double rooms for all 23 students and two single rooms for Peter L and Marine E. (2 > persons in room - 500 rubles for each, 1 person - 1200 rubles, breakfast not included, but it possible to buy breakfast+dinner - 150-250 rubles. Bathrooms and showers in the floor. Linen included.) One more single room for the bus driver.	Maxim C
				ADJUST YOUR WATCH!	
Apr 12	Thursday			Excursion RUSSIA http://en.wikipedia.org/wiki/Saint-Petersburg http://www.dodekanissaweb.gr/world/cities/Saint-Petersburg-Russia.html http://maps.thefullwiki.org/Saint_Petersburg http://www.forest.ru/eng/publications/intact/	Maxim C
		09.00-12.00		A1 Forestry in Russia. Forest Technical University. FTU (Earlier name: SPbFTA): General information about FTU. Maxim Chubinsky Dr., Executive Director of ICFFI, Vice-Dean of Forest Faculty, FTU http://ftacademy.ru/eng/academy.html Forestry in Russia. Evgeny Kuznetsov Ass. Prof., Forestry Department, FTU http://ftacademy.ru/eng/academy.html Forests and forest resources of Russia and their use, by Alexander Alekseev (page 20)	Maxim C

		12.00 13.00		A2 Lunch	Maxim C
		13.00- 16.00		A3 Botanical garden and museums of FTU	Maxim C
Apr 13	Friday			Excursion RUSSIA	Maxim C
		09.00- 11.00		B1 Forest market in Russia Forest Market in Russia. Anatoly Chubinsky Professor, Forest Economics Faculty and Mechanical Technology of Wood Faculty, FTU http://www.springerlink.com/content/550525420m06285/fulltext.pdf Report from the IFC and the World Bank	Maxim C
		11.00- 12.00		B2 Lunch	Maxim C
		12.00- 16.00		B3 Forest Policy in Russia The Forest law: Forest Codex. Alexey Jaroshenko, Leader of forest department Greenpeace Russia. http://www.greenpeace.org/russia/en/ Forest policy in Russia. Nikolay Shmatkov, Leader of Forest Policy Department, WWF in Russia http://www.wwf.ru/eng/ Forest monitoring in Russia. Roman Glebov, Leader of North-West Russia Forest Monitoring Center. http://www.scanex.ru/en/publications/pdf/publication23.pdf Forest inventory in Russia. Someone from Federal Forest Inventory Organization. http://www.globalforestwatch.org/english/russia/news.htm Problems in forestry in Russia. Someone from Rosleshoz. http://www.rosleshoz.gov.ru/english Topics not decided yet. Someone from Swedwood and/or Stora Enso. http://www.axelspringer.de/dl/344752/tracing_wood_imports_klein.pdf http://www.metla.fi/dissertationes/df95.pdf http://www.globalforestwatch.org/english/russia/gfw.htm http://www.taigaescue.org/index.php?sub=2&cat=65	Maxim C

Apr 14	Saturday			Excursion RUSSIA	Maxim C
		09.00 - 16.00		C1 Lindulovskaja forest http://www.baltic.pu.ru/forecast.eng/karelia/karelia.htm LINDULOVSKAYA ROSHCHA Lindulovkaya forest	Maxim C
Apr 15	Sunday			Bus from Saint Petersburg to Joensuu. From Dr Olga Tyukina: "The topic during our bustrip from St. Petersburg to Vyborg will be Logging in Russia: economic, management and organization. The basic document will be my Ph.D. thesis http://www.metla.fi/dissertationes/df106.htm (2010). In addition to the website, I send you attached the text I will talk about in the bus. Also, I will show some books and talk about the key directions in the economic of Russian logging activity." (The text is included in the end of this document.) <i>Dr. Olga Tyukina defended her PhD thesis at School of Forest Science, Faculty of Science and Forestry, University of Eastern Finland.</i>	
				ADJUST YOUR WATCH!	
				RESERVATIONS in process via CarlsonWagonlit: HOSTEL two nights in Joensuu. Check in April 15 and check out April 17. 7 double rooms for 14 male students, 4 double rooms and one single room for 9 female students, three single rooms for Peter L., Marine E. and the bus driver. If possible: We want breakfast. We want bathrooms and showers.	

Apr 16	Monday			Excursion FINLAND	Maarit K
		09:00-10:00	Siltakatu 20B, Joensuu tel. +358 20 772 8200 (växel) tel. +358 20 7728203 (Niskanen)	D1 The Finnish Forestry Centre - North Karelian Unit <i>Dr. Anssi Niskanen, Director.</i> -Role of forest centers in implementing the Finnish forest policy -Actual national and local forest policy issues http://www.metsakeskus.fi/briefly-in-english http://www.skogscentralen.fi/metsakeskus-ja-alueet http://www.skogscentralen.fi/pohjois-karjala	Maarit K
		10:00-10:15		D2 Moving to Metla house;	Maarit K
	30 min	10:15-10:45	Metla Yliopistokatu 6, Joensuu, Auditorium Käpy	D3 Metla, Joensuu Wellcome and presentation of the wooden Metla building Dr. Jari Miina, Metla (tel. +358 503913106) http://www.metla.fi/tiedotteet/2004/2004-11-10-metla-house-photos.htm http://www.metla.fi/jo/index-en.htm	Maarit K JM said this takes 20–30 min.

	45 min	10:45-11:30	Metla Yliopistokatu 6, Joensuu, Auditorium Käpy	D4 Wood Construction in Finland: future prospects and opportunities Mr. Harri Välimäki, Development Manager/ or / Mr. Jukka Lempiäinen/ Joensuu Science Park, OSKE. Länsikatu 15, puh. +358 50 379 9112, http://www.carelian.fi/en/front+page/	Maarit K
	45 min	11:30-12:15	Restaurant Metla Yliopistokatu 6, Joensuu	D5 A lunch break, personnel restaurant at Metla house (lunch at own cost, 6–7 €/person)	Maarit K
	45 min	12:15-13:00	Metla Yliopistokatu 6, Joensuu, Käpy	D6 <i>Dr. Tarmo Räty</i> , Sen.res., Metla: Environmental performance of construction wood, environmental certificates and standards	14:00-15:30
	90 min	13.00 – 14.30	EFI, at Metla's Auditorium Käpy EFI is currently split into several places due to air problems (mould) in Torikatu 4. None of the temporary locations hosts 25 visitors. So, EFI proposed to presents its work at Metla's premises.	D7 European Forest Institute, Contact person: Maria Jalavisto (tel. +358 10 773 4337) - Introduction to EFI - EFI research on International forest policies Note: 16.4. is a day for EFI's board meeting. All directors and some of the senior researchers and other staff members are in Vienna for this meeting.	Maarit K
		14:30-15:00	Metla Yliopistokatu 6	D8 Coffee Break (on Metla's account)	Maarit K
		15–16	Metla Yliopistokatu 6, Joensuu, Auditorium Käpy	D9 Open. Possible topic: Wood based bioenergy in Finland; Current role and future goals; procurement / N.N.	
Apr 17	Tuesday			Excursion FINLAND	Maarit K
		08.30 – 11.30-12:45	Bus: Joensuu-Vilmanstrand (235 km ~ 3 hours)	E1 Bus heading South. -Arrival in the Kaukas mill area; -Lunch break before mill visit in either one of the personnel restaurant (kept by Amica), at own cost. -Moving to the first excursion location (mill area is rather large; moving between pulp mill and biopower plant with own bus).	Maarit K
		12:45-xx:00	UPM Kaukas Villmanstrand Tel. +358 204 15 161 Kaukaan Voima Ab, Villmanstrand (Lappeenranta in Finnish)	E2 Visiting UPM Kymmene Kaukas pulp mill and Kaukaan voima Biopower plant 1) Kaukas pulp and paper mill (pulp mill visited; paper mill may be temporarily shut down) http://www.upm.com/en/Pages/default.aspx http://w3.upm-kymmene.com/upm/internet/cms/upmcms.nsf/\$all/0EEDCF087560E843C2256D94003E320F?Open&qm=menu,0,0,0 http://www.upm.com/EN/ABOUT-UPM/Downloads/Responsibility/Documents/EnvironmentalStatements2010/envstat_kau_2010_en.pdf 2) Kaukaan Voima Ab, biopowerplant	Maarit K to be asked (MK): -driving instructions in the mill area and in LPR to find the mill area The exact timing (length) and order of the visit (pulp mill/ bioenergy first)

				http://www.energy-enviro.fi/index.php?PAGE=715&PRINT=yes (hope: discussion on fuels, costs, subsidies, regulations, district heating ...) Contact at Kaukas: Communications manager Mariitta Stenbäck. 0204 15 4465	confirmed by Kaukas later on. Visit to: Kaukas mill museum -interest in Slu ? -available?
		xx-00 yy.00	Villmanstrand-Helsingfors (220 km ~ 3 hours)	E3 Bus continuing towards Helsingfors Depending on the time needed in Kaukas, possibly some sights on the road.	Maarit K
				RESERVATIONS in process via CarlsonWagonlit: HOSTEL one night in Vanda (Vantta), about 10 km North of Helsinki, close to the points described below. Check in April 17 and check out April 18. 7 double rooms for 14 male students, 4 double rooms and one single room for 9 female students, three single rooms for Peter L., Marine E. and the bus driver. If possible: We want breakfast. We want bathrooms and showers.	
Apr 18	Wednesday			Excursion FINLAND	Maarit K
		09.00 – 10:00	Metsähallitus Vernissakatu 4, Dickursby, Vanda +358 20564100	F1 Metsähallitus/Forststyrelsen. <i>Dr. Antti Otsamo</i> , Environment Manager, topic: Coordinating the use of the state forest lands for their many demands Links on Metsähallitus: Swedish: http://metsa.fi/sivustot/metsa/sv/Koncernen/Sivut/Koncernen.aspx English: http://metsa.fi/sivustot/metsa/en/AboutUs/Sivut/AboutMetsahallitus.aspx	Maarit K
		10:00- 10:20	Metsähallitus - Metla	Moving on: walking from Metsähallitus to Metla, Vanda. 0.9 km.	
		10.30 – 12:30	Metla, Jokiniemenkuja 1, Vanda Auditorium	F2 Finnish biodiversity protection policies. Speakers with preliminary presentation titles. <ol style="list-style-type: none"> 1. <i>Ms. Terhi Koskinen</i>, Metla, sen. res., METSO follow up group; Introduction to METSO programme and experiences from it; 2. <i>Ms. Maarit Loiskekoski</i>, Senior Environment Adviser, Ministry of Agriculture and Forestry, METSO from the Ministry's point of view. 3. <i>Dr. Riitta Hänninen</i>, Metla, programme leader, Safeguarding forest biodiversity - results from the TUK research programme. http://www.metla.fi/pp/RHan/index-en.htm Related links: METSO 2008–2016 programme: http://www.metsonpolku.fi/metso/www/sv/index.php In Swedish http://www.mmm.fi/sv/index/amnesomraden/skogar/metso.html In English	Maarit K

				http://www.mmm.fi/en/index/frontpage/forests/sustainable_forest_management/forest_biodiversity.html Monitoring METSO 2008–2016 programme at METLA: http://www.metla.fi/hanke/3522/index-en.htm TUK research programme at METLA: http://www.metla.fi/ohjelma/tuk/index-en.htm	
		12:30-13:15	Rosmariini, Metla Jokiniemenkuja 1	F3 Lunch at Metla staff restaurant Rosmariini (at own cost, 6.8 €/person)	Maarit K
		13:15-14:00	Metla, Jokiniemenkuja 1, Auditorium	F4 Finnish forests and climate change (possible speakers could be Tarja Tuomainen or Aleksis Lehtonen, Metla; to be confirmed; http://www.metla.fi/hanke/3431/index-en.htm); <ul style="list-style-type: none"> - Greenhouse gas reporting for the Kyoto protocol in the Finnish LULUCF sector - Finnish forest in climate change mitigation after Durban 	Maarit K
		14:00-14.15		Coffee break	Maarit K
		14.15–15.15	Metla, Jokiniemenkuja 1, Auditorium	F5 <i>Dr. Tatu Tornainen</i> , Ministry of Agriculture and Forestry, Topical Issues in the Finnish Forest Policy	Maarit K
		15:15-16:00	Auditorium Metla, Ånästranden 1 (Jokiniemenkuja 1)	F6 <i>Dr. Hanna-Liisa Kangas</i> , WWF Finland, WWF's views on forests and climate change. http://www.wwf.fi/wwf/www/uploads/pdf/WWF_Hugga_eller_skydda_Boreala_skogar_i_klimatperspektiv.pdf	Maarit K
		16:10		Bus to the Helsinki airport	
				The group meets at the Helsinki airport. Practical details and last minute information. Check in.	
				Hopefully: Some time to eat at the airport.	
		18.55–18.50		Flight Helsinki to Stockholm (Arlanda) (Carrier: Norwegian)	Peter L
				ADJUST YOUR WATCH!	
				The group instantly gathers when we leave the plane. We walk together through the Arlanda airport and collect our luggage. (We probably have to collect our luggage and carry it through the customs and check it in again before we go to Umea.) Continuous information about practical details and last minute information. We walk as a group, together, to the next flight.	
		20.20-21.20		Flight Stockholm (Arlanda) to Umea (Alvik) (Carrier: Norwegian)	Peter L
				Individual transport from Umea (Alvik) airport	

Contacts

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Figure 2.

FTU (Earlier name: SPbFTA, Saint Petersburg Forest Technical Academy), Map by Peter Lohmander, 120112.

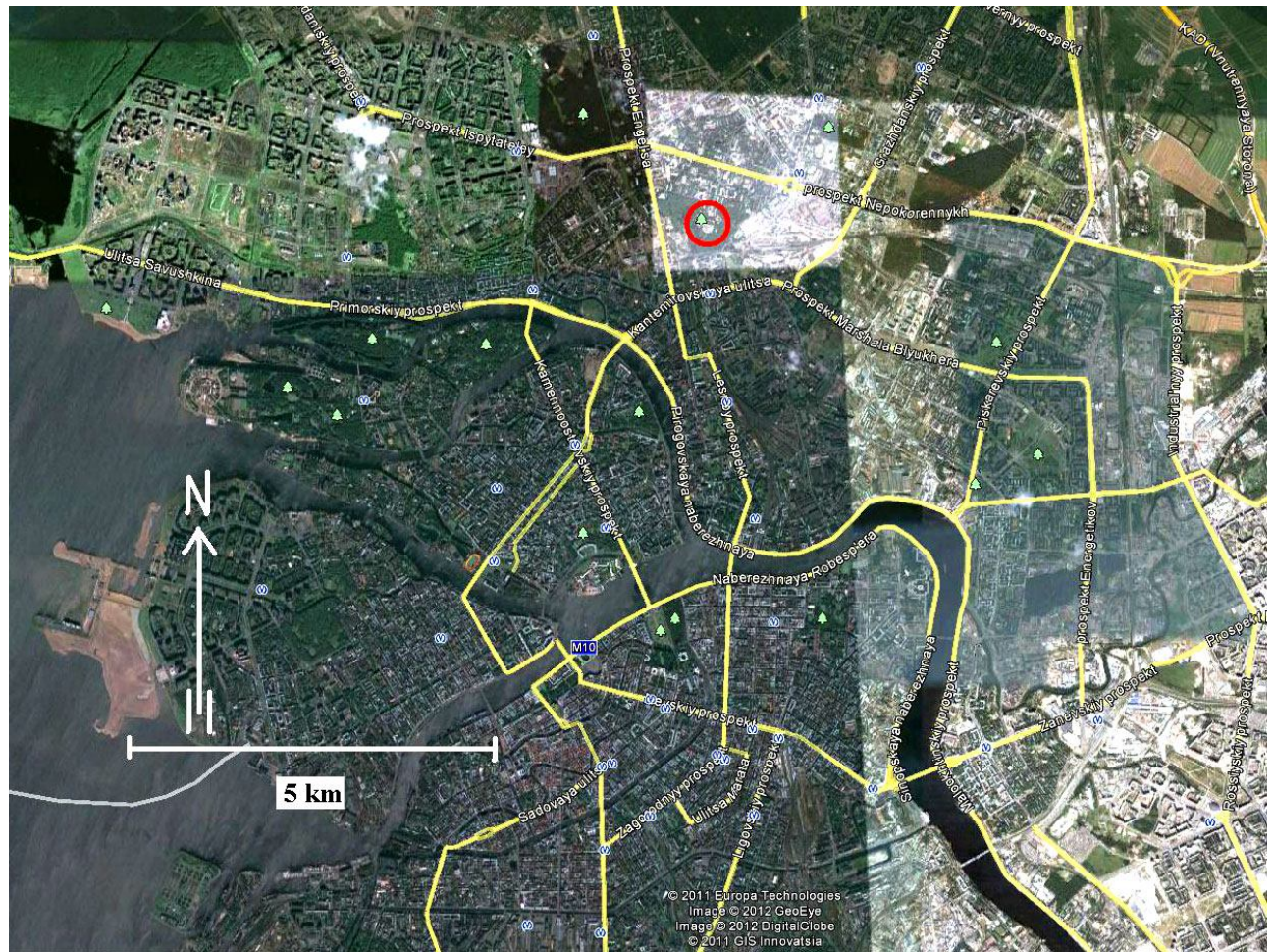


Figure 3. FTU (Earlier name: SPbFTA, Saint Petersburg Forest Technical Academy), is marked by a red circle in this map of Saint Petersburg. Map by Peter Lohmander, 120112

Some earlier international forest policy excursions

Below, you can look at plans and pictures from similar International Forest Policy excursions:

Russia-Estonia 2007:

Plan:

<http://www.lohmander.com/IFP.doc>

Spain-Andorra-France 2008:

Plan:

<http://www.lohmander.com/IFP08/IFP08.html>

Pictures:

<http://www.lohmander.com/SAF08/SAF08.htm>



Above: The forest policy excursion to Spain-Andorra-France 2008

Switzerland-Germany 2009:

Plan:

<http://www.lohmander.com/IFP09/IFP09.htm>

Pictures:

Switzerland:

<http://www.lohmander.com/Swiss09/Swiss09.htm>

Germany:

<http://www.lohmander.com/Germ09/Germ09.htm>

International Forest Policy lectures by Peter Lohmander 2012

Forest policy and consequences for activities in the forest industry sector, regional employment, economic results and international trade
(Skogspolitik och dess konsekvenser för skogsindustrisektorns verksamhet, regional sysselsättning, ekonomiska resultat samt internationell handel)

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Lohmander, P., Strategic options for the forest sector in Russia with focus on economic optimization, energy and sustainability

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Lohmander, P., Derivation of the economically optimal joint strategy for development of the bioenergy and forest products industry, CD, MarcusEvans, 2nd Annual European Biomass and Bioenergy Forum, London, 8th - 9th June 2009

http://www.lohmander.com/London09/London_Lohmander_09.ppt

<http://www.lohmander.com/London09.pdf>

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Segerstedt, R., (Interview with Peter Lohmander), Därför har professorn hamnat i kylan, Skogsland Nr 6, 3 February, 2012

<http://www.Lohmander.com/PLSkogsland120203.pdf>

Forest policy with focus on:

- Rational development of the forest sector with consideration of energy, CO2 emissions, wildlife, recreation, Russia, world trade, continuous cover forestry and round wood market imperfections

Segerstedt, R., (Interview with Peter Lohmander), Därför har professorn hamnat i kylan, Skogsland Nr 6, 3 February, 2012

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http://www.lohmander.com/Moscow_PL_2010.pdf
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Dissertationes Forestales 106: Development of management and cost accounting of wood harvesting in the Republic of Karelia (Lectio Praecursoria 28.05.2010)

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Throughout the history in Russia the constant increasing of all humans' welfare was basis for a stable and progressive development of national economy. To achieve the target after the Great October Socialist Revolution, the Young Soviet state was in need of currency for every social class extended welfare, the socialism building.

A start point for economic development in the Republic of Karelia, was presentation of the world proletariat leader in 1920. At the VIII All-Russian Congress of Soviets, Vladimir Lenin said: "One electrification directly would cost more than a billion rubbles in gold. To cover our gold reserves, we can not do that and there is no object more convenient for us economically, than forests in the north, which we have in a countless amount. The forest stands, rot and disappear, because economically we can not exploit them. Meanwhile, our roundwood on the international market represents a huge value. During the welldevelopment socialism the mechanisation in the logging industry around Soviet Union transformed this industry in specific branch of national economy.

Especially an export-orientated logging industry was a key branch of economy in the area presently known as the Republic of Karelia. The Western capitalistic countries were the main international market for roundwood export from Soviet Union. At that time reproduction of forest resources in contrast to other types of export raw materials, such as oil and gas, provides higher currency performance. To maintain the performance and raise it was needed to found own scientific work organization and management. Lenin told: "For successful management is important not only a skill to persuade but also skill to organize practically. This is the most difficult target because it is about organise newly the deepest economic basis for the comfortable life of millions and millions people."

During the whole Soviet period Socialistic theory of management and work organization was the general theory in the Soviet Union, which founder was V.I. Lenin based on Karl Marx's labour theory. Lenin wrote that the state power transforms itself to the organization, which performs its management functions directly by national economy. National management of the economy and the rational organization of production were the most important creative functions of the socialist state. The directly centralized management of the Soviet Union was applied through Soviet planned figures, long term normative and standard limits.

The development of management structure happened parallel with the development of Socialism. From the very beginning the general management was based on multi-level structure and for logging industry management was centralized and territorialized. Five different levels in the structure were the maximum quantity of levels. The main task of management during whole Soviet period was to search the optimal distance between top management level "Ministry level" and typical state logging company "lespromhoz". Management structures in transition to the next step of the development ladder transformed in new forms. This transition period lasted few years.

The typical structure of management system for typical state logging company was uniform in the Soviet Karelia and in the other Soviet regions. The management structure of typical lespromhozes were combined three parallel management systems. There were the formal state management, Communist Party and the operational management system of typical lespromhhozes.

The economic development is cyclic like a wave. Economical crisis in 1990s like nowadays is not a catastrophe it is only critical period in the development. In beginning of 1990s after the crisis of well-developed Socialism and Collapse of Soviet planning economy the

transition to market economy was started and nowadays it is continuing.

Transition period involved many economic changes in Russia. EU-markets opened and the model of Western management became and also the Western management style and culture. In logging industry the three types of joint-stock companies appeared throughout the Privatization of state logging companies. Western investment and new Nordic machinery for cut-to-length method came to Karelian forests, but in general logging activity in the Republic stayed unprofitable. Those changes occurred necessity to develop the cost accounting and apply a new alternative method for wood harvesting cost calculation. Development theory of cost accounting for wood harvesting is a key chapter of this academic dissertation. The term labour theory of value one of the foundations established on Marxist-Leninist political economy is the basis of cost accounting. The classical Marxian formula was changed cause the increased surplus product during the socialism. The base term of Planning economy was cost price which came from Marx work Capital and it included fixed and variable costs. At same time on microeconomics level for forest industries were the same effect as on macroeconomic level.

There are four different types of cost price for typical State logging companies; department cost price, production cost price, full-cost price and average industrial cost price. Especially, the average cost price was important the background for price forming, which used the products value. The average industrial cost price included structures estimated on cost items and elements. In western management instead of cost item is used a type of cost, which is as a bridge between western and traditional domestic cost accounting. During over 30 years form 1933 to 1999 the quantity of cost types doubled from 6 to 12. The standard for cost price calculation was nine elements. The relation between cost elements and type of cost is the form of table matrix.

Grouping of the cost of economic elements necessary in order to determine what resources are spend and what proportion of individual types of costs in their total amount, and it is needed to calculation and to analysing for what purpose resources are spent. In the period of economic reform in Russian from 1992, the subject of economic theory has changed. The idea of Soviet economic mechanism or industrial cost price cutting had proven to be imperfect in the new conditions. Industrial cost price has been increasing continuously, western methods of management accounting and financial accounting were slowly adopted by the Russians logging industry. During last ten years in the period of more effectual emergence of market economy the intensity of capitalisation of logging companies has been increased and also verticalintegrated structures founded.

Firstly, the modernization or westernization made processes stronger throughout using Nordic CTL-method in wood harvesting especially in Republic of Karelia. Secondly, logging companies in Karelia has started to operate under new kind of forest users status. Thirdly, new models of Nordic machinery have come to be available use through leasing. The quantity of cost elements in structure of industrial cost price has been decreased from 9 to 5, and quantity of sub-elements has been increased and costs became higher integrated. The current limitations on forest resources in wood harvesting in Karelia need to choose optimal harvesting technology and therefore more sophisticated methods for cost calculation. Now with Nordic technology the capital cost is higher than profitability level, which depends on harvesting volume.

In practise, the current harvesting cost distribution into fixed cost and variable cost still has some elements of the characteristics and rating factors from previous systems used during Soviet period. The normative method and "branch" vector of cost accounting also transfer from Soviet time in wood harvesting. Nowadays the 2 cost accounting methods domestic and Nordic applying in wood harvesting in the Republic of Karelia. The 2 retro innovations such as Machinery

insurance and the interests of bank credit come in Karelian wood harvesting from Nordic Cost accounting method. Usually the machinery exchange or reselling value not calculated in domestic Cost accounting method.

Modernisation of logging works and changes in the management and organisation structure of logging companies should give preference to such accounting and calculation system, which will bring the most objective and realistic results. More widely using of Nordic CA method for cost accounting is needed. Wood harvesting costs will become higher integrated and more manageable; it is possible to find the most effective levels to reduce it.

In this dissertation, economic models are used for cost calculation and comparison of wood harvesting costs between alternative logging chains. There are four options for TImethod and six for CTL-method for wood harvesting cost calculation and calculated by Metsäteho- computer software. The wood harvesting costs depend on the harvesting method and roundwood distance. However, it is seems that the increasing used of the CTL method with Scandinavian technology in many cases is as much as due to the new forms of organization and management of harvesting work, as it is to cost calculations.

This work was write with three overall aims; firstly, to examine the development of the management of wood harvesting in the RK under different economic systems connected to its structural development in former Soviet Union and Russia. Secondly, analyse and compare the western and the Soviet/Russian methodologies of cost accounting for wood harvesting. Thirdly, apply elements from western cost accounting to further development domestic economic theory and to compare wood harvesting alternatives in the RK. Three aims of this dissertation can be combine to one key target in the World forest economics level. It is to increase the profitability of logging in Russia, through the development of progressive management and with improved methods of cost accounting. In future studies, the cost accounting could be understood as a part of management accounting and the controlling as a new direction of management.