

Rail Baltica in Estonia, a Challenging Land Acquisition Project

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Key words: land acquisition for large infrastructure, land consolidation, expropriation, legislation on land acquisition for public needs, voluntary versus compulsory.

SUMMARY

By 2008 it was decided to build the Rail Baltica, a high-speed railway for passengers and freight transport between Warsaw (Poland) and Tallinn (Estonia). The total length of the railway is 870 km. For the Baltic States this project is very challenging. There was less experience with such a large land acquisition project. The experiences with land consolidation in these countries was different. Lithuania had more experiences in project on voluntary base and in Estonia this instrument was used more than 20 years ago. In 2017 the Government of Estonia decided to make a new Act on Acquisition of Immovables in Public Interest (in power in 2018). During the preparation of the railway trace 43 meetings with 343 landowners of the 422 parcels were held to investigate their wishes. During the negotiations 111 offers 71% of the landowners has agreed to have compensation in money (with a motivation fee), 24% of the landowners has agreed to have the compensation in land (without a motivation fee) and 5% of the landowners have not yet agreed with the offer. In Latvia and Lithuania it was decided to expropriate land which is needed for the railway trace. In the Netherlands the high-speed railway between Amsterdam and the border with Belgium was partly realized by voluntary way of re-allotment plans or in a land consolidation project in execution (Hoekse Waard Oost). Research from universities in Lithuania learned so far that there will be long-term benefits for the State's economy but the project will also affect rational land use. The railway will have a direct and indirect impact on land parcels.

Estonian:

2008. aastal otsustas Euroopa Komisjon Rail Baltic raudtee rahastamise. Balti riikide jaoks on tegu väljakutsuva projektiga, kuna tegu on valdavalt uude trassikoridori rajatava raudteega ning maade omandamine tuleb viia läbi suuremas mahus kui kunagi varem. Uue taristu rajamisega tekib olemasolevate kinnisasjade killustatus, seega on ühe meetmena olukorra leevendamiseks pakutud maakorraldust piiride muutmise ja ümberkruntimise näol. Maakorralduse ja ümberkruntimise kogemused on Balti riikides olnud erinevad. 2018. aastal kehtestati Eestis kinnisasja avalikes huvides omandamise seadus. Paralleelselt hakati raudtee eelprojekti ja maade omandamise võimaluste tutvustamiseks korraldama kohtumisi maaomanikega. Toimus 43 kohtumist, kus osales 343 maaomanikku, kelle omandisse kuulub 422 raudtee eelprojektiga kattuvat kinnisasja. Eestis on tehtud pakkumus 111 kinnisasja omanikule, kellest 71% on nõustunud rahalise pakkumusega (koos motivatsioonitasuga), 24% on võtnud kompensatsiooni maana (ilma motivatsioonitasuta) ja 5% maaomanikega on läbirääkimised veel pooleli. Lätis ja Leedus viiakse maade omandamine läbi sundvõõrandamise otsuse alusel. Hollandis on

kiirraudtee ehitamiseks maad omandatud nii maaomanike nõusolekul kui ka riigi otsuse alusel ümberkruntimisega. Raudteel on kinnisasjadele otsene ja kaudne mõju.

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1. INTRODUCTION

By 2008 it was decided that the European Commission will support the project of Rail Baltica. Rail Baltica will be an electric high speed railway from Warsaw to Tallinn, motivated by a desire to reduce carbon emissions. Also to change the Russian gauge tracks to European gauge tracks. The countries Poland, Lithuania, Latvia and Estonia has to cooperate to realize this infrastructure. The new railway is important to connect with the European infrastructure via Berlin to Amsterdam and Rotterdam.



The acquisition of required land for the railway is a challenging project. The total length of the railway is 870 kilometers.

	Length (km)	Number of parcels
Estonia	213	650
Latvia	265	1591
Lithuania	392	1300

The Rail Baltica should be used for the transport of passengers and for freight transport. The maximum speed for the passenger train will be 249 km/h and for the freight line 120 km/h. For

the Baltic States is this a very challenging. There was less experience with projects with large acquisition target.

The only experience in Estonia was acquiring land for:

- road construction (94% of all land transactions);
- building of state border. The government decided to demarcate the Estonian-Russian border by the 100th anniversary of the Republic of Estonia;
- creation of military training areas;
- acquisition of land in nature protection areas with strict restrictions on land use

highways, Natura 2000 and area's for military defense.

1.1 Restitution of land

Morten Hartvigsen (2015) described in the situation in the Baltic States “ After the independence in 1991 from the Soviet Union the three Baltic States started with the land reform. In fact from 1989 individual household farms were allowed to increase from 0,5 ha to 2,0 ha. In Estonia even larger households were possible. During the Soviet time all agricultural land was owned by the State and the land in use by large collective state farms. The reform of the land was to bring it back in de hands of former owners from before WWII and to consolidate the family farms.

In Latvia, landownership rights were restituted on the basis of the ownership situation as it was on 21 July 1940. Cadastral maps and the Land Book records from the period of 1924-1940 were used as the basis for restitution. Latvia restituted land exclusively to native Latvians.

In Estonia, the Estonian Land Board, together with local government, was responsible for the land reform process. At the end of 2008, almost 90 percent of the land eligible for restitution and privatization had been registered in the Cadastre. In Estonia, the objective of land reform was broader than in the two other Baltic countries. Restitution to former owners was one objective, but so too was the privatization through sale of state land, as well as the transfer of state land into the ownership of local government, and the determination of the land to be retained in State ownership. These different objectives of land reform were all part of the same process. As a result, the land reform process was probably more complicated in Estonia than in the other two countries. Many parcels were claimed by more than one owner.

Today, farm structures in the Baltic countries are dominated by a mix of large corporate farms and medium-large sized family farms. Household plots are often used for subsistence farming. Land fragmentation, to a moderate degree, has emerged as a side effect of land reform.”

1.2 Experiences with land consolidation in Lithuania, Latvia and Estonia

1.2.1. Lithuania:

After the reform period on voluntary basis several land consolidation projects has been worked out. In 2008 the Lithuanian National Land Consolidation Strategy was approved. The overall objective of the strategy is:

- To create the assumptions and foresee the measures for successful land consolidation so as to ensure the rational use of land in rural residential areas and allow complex solving of the needs of the state, public and individuals.

Specific objectives:

- To ensure the relation of land consolidation with the rural and regional development;
- To create conditions for optimization of the land consolidation process.

1.2.2. Latvia:

The first attempts of Land Consolidation in Latvia in 1998-1999 was the LC pilot project in Gārsene, Jēkabpils district – the general aim was to improve the structure of households. In 2000-2002, a land exchange project in Gauja National Park – the general aim was to exchange land of private owners which was situated in the core protected areas with the state land which was situated outside this area 2015-2016: a pilot project in Zemgale (region in South Latvia) was developed, but this was not realized due to lack of State budget funding.

1.2.3. Estonia:

Estonia had experience with land consolidation between 1926 and 1940. A Land Consolidation Law was adopted in 1926 and revised in 1937. In total, around 24 000 farms involving 475 000 ha were consolidated before the Second World War.

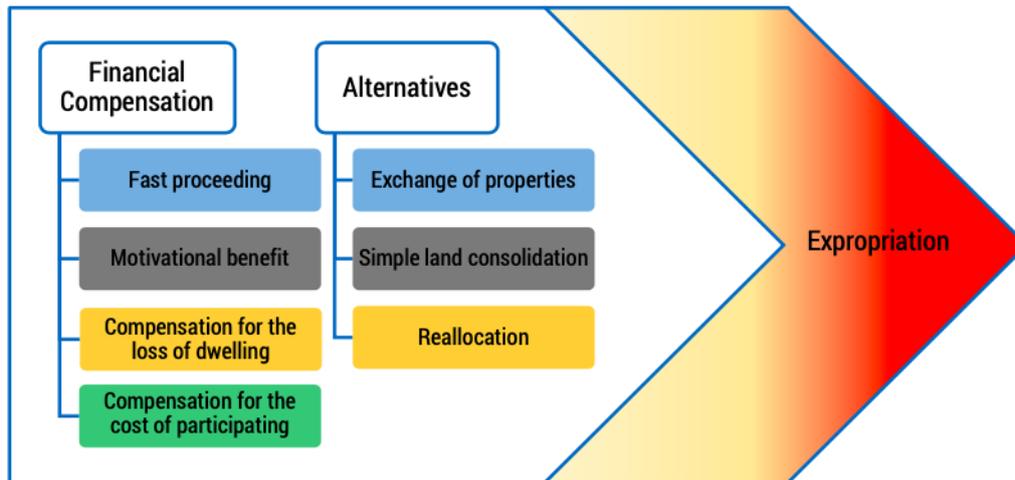
Land consolidation in Estonia was introduced through the adoption of the Land Readjustment Act in January 1995. The law passed the Parliament without any previous pilot projects or other field experiences. The law was inspired by the legal framework from 1926 and the Land consolidation in the field was re-introduced in Estonia through the technical assistance project “Integrated drainage and land development pilot in Estonia”. The project was implemented during 1998-2001 by experts from the Netherlands, together with the Estonian Ministry of Agriculture. The project was funded partly by the World Bank and partly by Dutch development funds. The project approach was fully integrated and mandatory, based on the Dutch land consolidation model and aimed at the same time to address agricultural structures and improve water management, rural roads and nature protection. The re-allotment procedure of the Land Readjustment Act was followed in four land consolidation pilot areas. Two of the pilots were fully implemented while the other two, which started in the middle of the project, were only partly completed. The concept of land consolidation in combination with drainage improvement was tested and the experience was positive.

1.3. Act on Acquisition of Immovables in Public Interest Estonia

With the experiences in earlier times in Estonia the Law on Expropriation and the Law on Land consolidation was judged as inappropriate for the acquisition for Rail Baltica. The government decided in 2017 to make a new Act on Acquisition of Immovables in Public Interest (2018) with different options for land acquisition:

- acquisition of the immovable;
- acquisition of the immovable by way of expedited procedure;
- exchange of the immovable; or
- land consolidation.

Compensation possibilities and alternatives



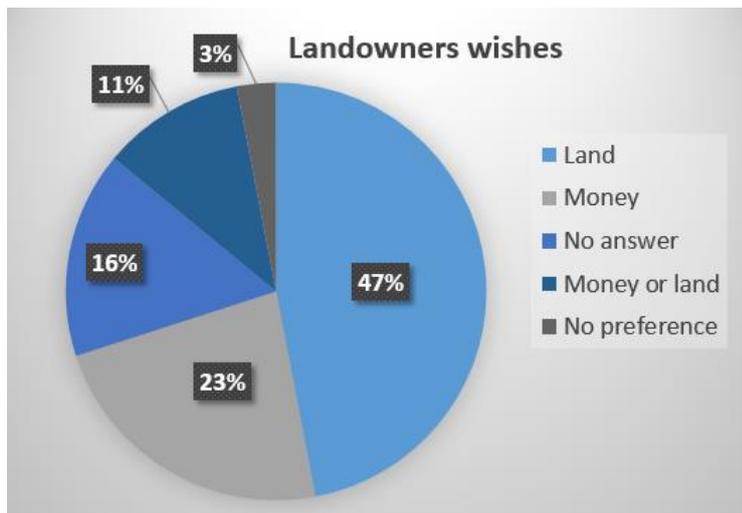
1.4. Which steps are taken during the preparation of the railway trace.

The planning phase of the route of the Rail Baltica ended in Estonia in February 2018. Acquisition of Immovables in Public Interest Act with other changes of the legislation came into force in the 1st of July 2018. So far the Estonian Land Board has arranged 43 meetings with 343 landowners of the 422 parcels.

The first contact with the landowners takes place when the landowner receives an invitation from the Land Board for the first meeting. Within the invitation the landowner also finds the preliminary project of Rail Baltica about their property. At these meetings the Land Board explains what are the possibilities for compensating their losses of the property and landowners have the possibility to explain their wishes about the compensations of their losses of the land for the first time.

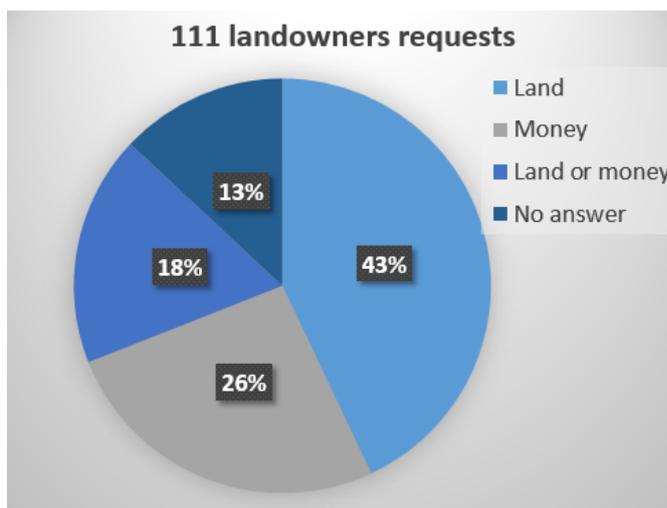
So the Land Board has as individual contact with the landowner as possible and maps their interests with coloured markers as which part of the land they are ready to give up on, which part of the parcel should remain the landowners property and is there any part of the land they are ready to receive. The discussion with one owner usually lasts approximately 30 to 45 minutes.

After the first round of the meetings statistics about compensations was: about 47% of the landowners wanted to compensate their loss with land, about 23% of the landowners preferred compensation in money, about 11% could not decide before actual offer if they prefer money or land, about 3% preferred either money or land and about 16% did not have an answer.



1.5. Process of acquiring the land

The Estonian Land Board started acquiring the land by making the first offers in September 2018. The offers are made based on the requests of the landowners which were mapped in the meetings. By the beginning of February 2020, the first 111 of private landowners have received the offers. Requests of the 111 landowners were as follows: 43% of 111 landowners preferred to have compensation in land, 26% preferred money, 18% either land or money and 13% of the first 111 landowners did not have an opinion how the government should compensate their loss of land.



If it has been possible and there has been suitable land available, the Estonian Land Board has always considered the requests of the landowners. But compensations with land is not often the best option for the landowners when a small parcel is needed for the railway. Based on the landowners wishes and possibilities from the government the first 111 offers were made as follows: for 63% of the landowners the offer was made in money, for 32% of the landowners

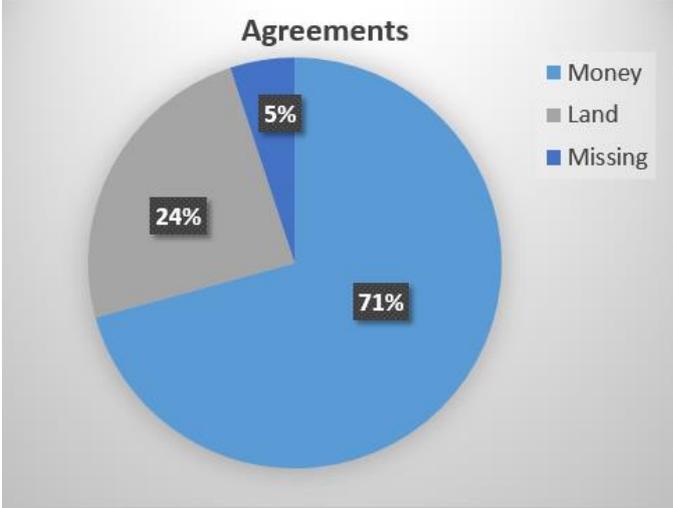
the offer was made in money or in land (the offer consisted of both options) and for 5% of the first 111 landowners the offer was made in land. The landowners who received offer in land were involved in reallocation, which is the first reallocation project in Estonia caused by the large scale infrastructure project.



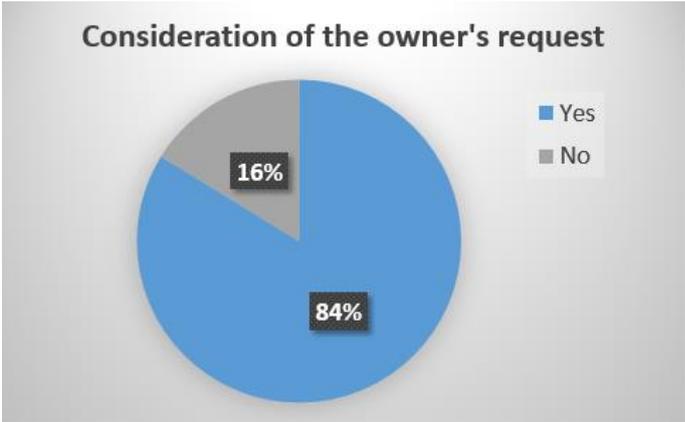
By the beginning of February 2020, the first 105 landowners, who received the offers done by the Estonian Land Board, have given their agreement. Extra 19 parcels of governmental land has been formed for the railway.

1.6. Outcome of the first 111 offers

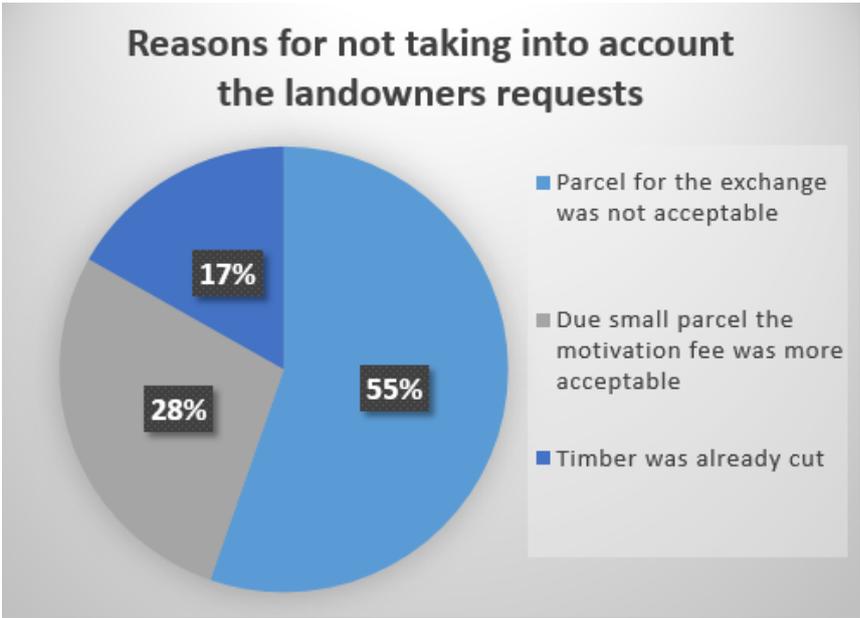
By the beginning of February 2020 the outcomes of the first 111 offers are as follows: 71% of the landowners has agreed to have the compensation in money (with motivation fee), 24% of the landowners has agreed to have the compensation in land (without motivation fee) and 5% of the landowners have not yet agreed with the offer.



Analyzing the outcome of the negotiations of the first 111 offers the Estonian Land Board had an opportunity to consider the landowner`s requests in 84% of the offers made.



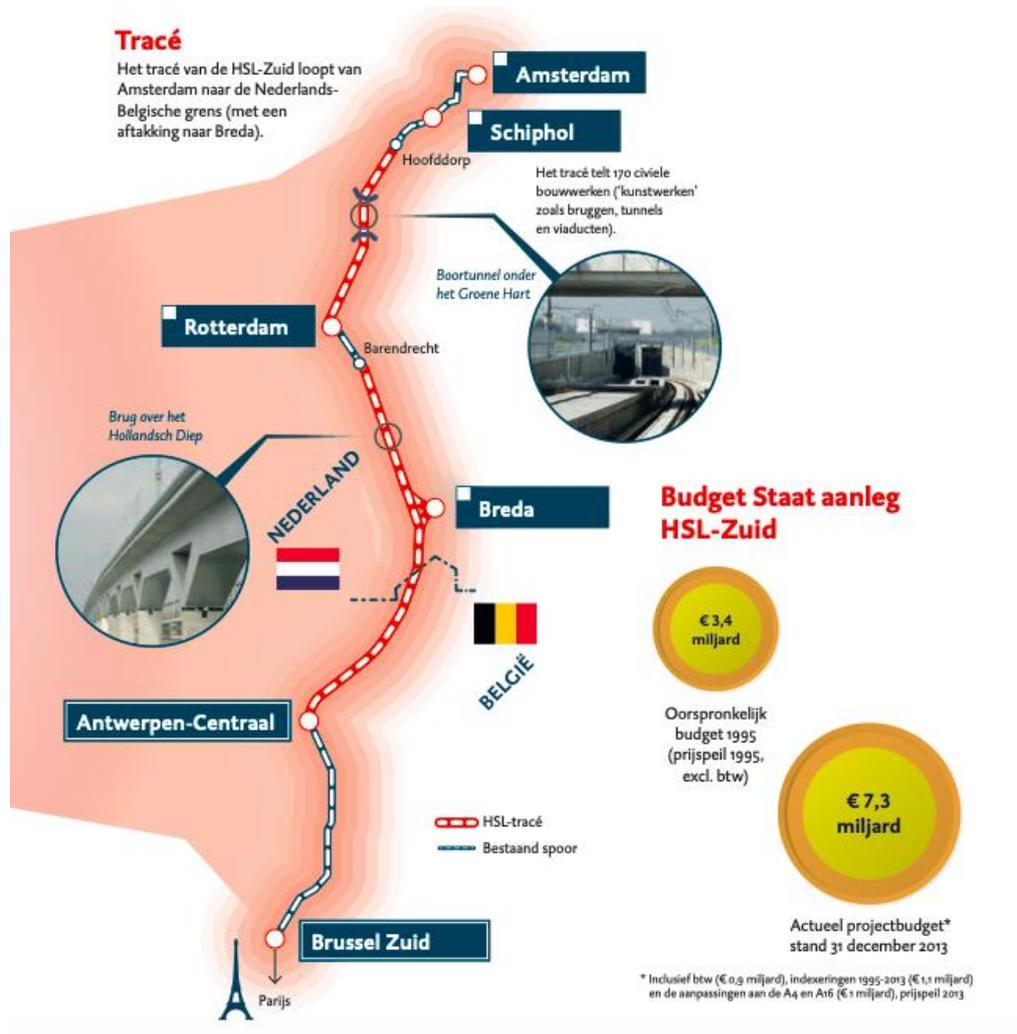
The main reason 16% of the cases, were there was not an opportunity to consider the landowners requests were as follows: 55% of the cases the land, which the Estonian Land Board offered for the exchange for the parcel to be acquired was not acceptable for the landowner. There were also cases where the landowner requested land for the exchange but the request did not meet the criteria for exchange set out in the Act on Acquisition of Immovables in Public Interest. 28% of the cases the parcel to be acquired was so small that the motivation fee was more profitable for the landowner and 17% of the cases the timber of the parcel was already cut, so the exchange of immovable or land consolidation was not an option for the Land Board.



The Estonian Land Board wishes to end the acquiring of the land by the end of 2023, but still the size of the parcels is specified during the design process. The process of acquiring will continue until the design of the railway is completed.

2. What were the experiences in other countries, like the Netherlands.

In the Netherlands a High-Speed railway was planned in 1996 of 85 km between Amsterdam International Airport and the border of Belgium. Budget € 7,3 miljard. Partly voluntary land acquisition, landconsolidation and at last expropriation.

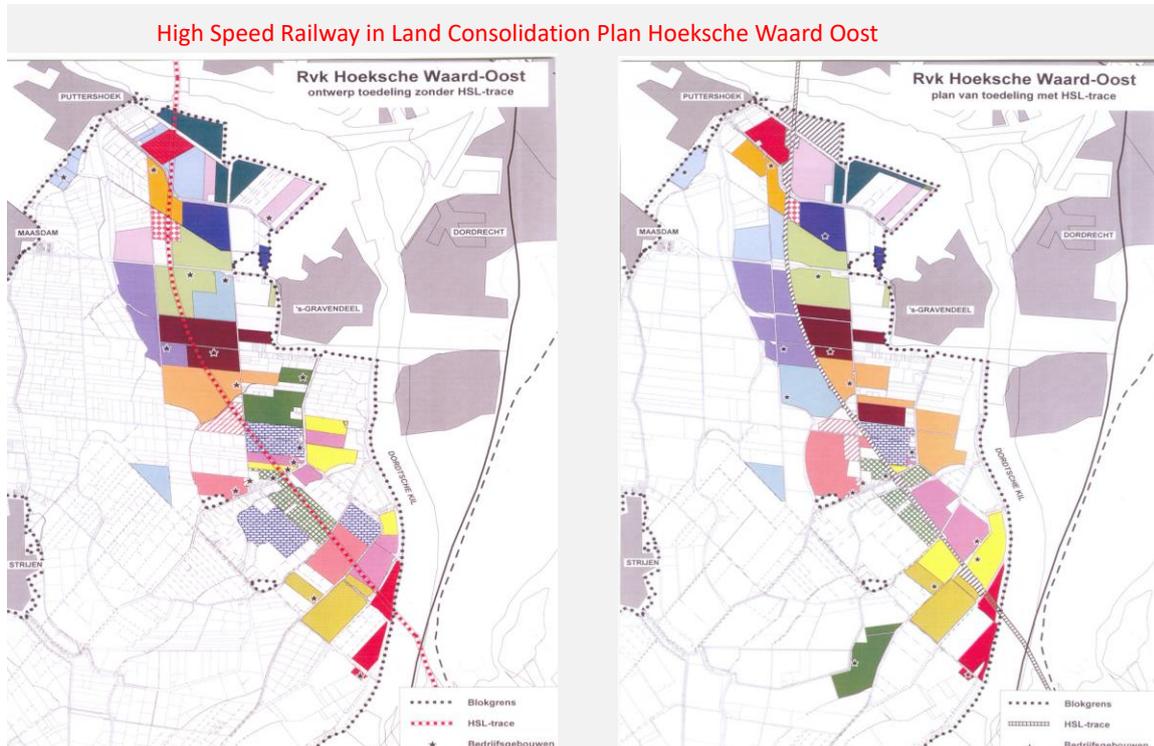


An example of voluntary land consolidation was in the Haarlemmermeer, close to Amsterdam International Airport. With the voluntary land consolidation 4 km came available. It was a cooperation with local farmers and Farmers Association LTO and the municipality.

Total 11 owners total 287 ha

Independent Foundation for Land readjustment STIVAS did the work of negotiating and to realize the reallocation plan. Essential was that the property of the Municipality of Haarlemmermeer (28 ha) was available to exchange.

Mandatory landconsolidation Hoekse Waard Oost is still ongoing when the plans for the railway trace were made. The landconsolidation commission decided to implement the trace when extra budget was available from the railway company Prorail for exchange the parcels and building new farmhouses. More than 100 ha was available to exchange. More than 8 km of the trace was made available with the exchange of 6 farms within 2 years.



3. What can we learn from the other countries like Latvia and Lithuania

In Latvia and Lithuania it was decided to expropriate or to do compulsory land acquisition for the trace and not using the possibilities for land consolidation.

In the Master Thesis of Andželika Ubartienė (2019, the Vytautas Magnus University in Lithuania) she did research about the land plots remaining after executing compulsory land acquisition for public purposes for Rail Baltica project in the territory of Pasvalys district municipality (close to the border of Latvia).

The research aim was to analyze the change of land ownership structure after executing compulsory land acquisition for public purposes for Rail Baltica project in the territory of Pasvalys district municipality.

The conclusions are:

- After compulsory land acquisition for public purposes, there will be better connection of access road between the existing land plots, but it will lengthen the communication time between the land plots on both sides of the railway. It will reduce the areas of arable

land and thicken the local road network in Pasvalys district municipality. Dense road network will aggravate the further enlargement of land plots.

- Further use of irrational land plots could be addressed in assessment of the following alternatives: at first, irrational small land plots could be acquired by the State, execute individual land plots formation and restructure projects or develop complex land consolidation projects by exchanging state land with private land seeking to enlarge farmers plots, optimize the local road network and address other tasks of rural development and environment protection.

In 2018 Laura Mockutė and Giedrius Pašakarnis did research about the impact of the landacquisition of the Rail Baltica. Their main conclusion is: The results of the study revealed that there will be long-term benefits provided for the state's economy, but the project will affect rational land use. The railway will have a direct and indirect impact on land parcels.



For land plots divided into two sections, access roads were designed, but long- distance rides for farmers are not worthwhile. It was noticed that land abandonment is threatened on such land. Rail Baltica project should follow land consolidation project instead of acquiring land for public needs, or land consolidation should start right after Rail Baltica project will be finished.

CONCLUSION:

Despite of the possibility of land consolidation in Estonia, the main landowners decided to choose for money instead of compensation in land or land consolidation. The main reasons for the decisions made was that the option of the motivation fee is very profitable for small parcels. Also the experiences with land consolidation in Estonia was for more than 20 years ago so the landowners were not used to choose for this option. Hopefully the experiences with land consolidation in the future, because of the land acquisition for the Rail Baltica, can be an encouragement to use the instrument of land consolidation. Research in Lithuania learned that compulsory land acquisition will affect rational land use. There a difference between parcels with forest and agricultural land. The railway will have a direct and indirect impact on land parcels and the use of the parcels.

Further research is needed to learn more about the impact of the Rail Baltica on land use, land fragmentation, abandoned land, less accessibility of the parcels.

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BIOGRAPHICAL NOTES

Reelika Piik, is a senior expert on land acquisition in the Estonia Land Board. She obtained her degree at the Estonian University of Life Sciences in Tartu. She is studying for her Masters on land management at the Estonian University of Life Sciences. Her main task nowadays is the land acquisition for Rail Baltica project in Estonia.

Jan Spijkerboer is senior advisor on land management and land acquisition at the Netherlands Cadastre, Land Registry and Mapping Agency. He obtained his bachelor's degree on land management at the International College on Land and Water-management Larenstein (1983) in the Netherlands. He is a certified appraiser on agricultural land and buildings (Vastgoedcert and NRVT). In his earlier career he was working as head of the Land acquisition department in the Province of South Holland at the Ministry of Agriculture, Nature and Food Quality (Dienst Landelijk Gebied).

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