



ENGLISH SUMMARY



Northern Tallinn city district

Policy memorandum





Policy memorandum

The Policy Memorandum (Poliitika memorandum) as final outcome of all other works and assessments and strategy to realization and implementing designed measures and plans was done during project period by local project team and by involving experts from North Rescue Centre of Estonian State Rescue Board, Tallinn City Departments and others. This is as general summary of Northern Tallinn city district plan to enhance fire safety and shows ways to realize designed plan to enhance fire safety and for mitigation of fire risks.

List of potential capabilities

Potential capabilities are bound up with and come into being by implementing of perspective and possible measures. More important and with the biggest and biggest sustainable influence in this list are following:

- 1) New overall plan or comprehensive plan of the Northern Tallinn city district and feeding and fixing of fire safety and risk mitigation needs and measures in it.
- 2) New development plan or master plan of the Northern Tallinn city district and feeding and fixing of fire safety and risk mitigation needs and measures in it.
- 3) Development plan or master plan of the City of Tallinn
- 4) Different state development plans in fire safety and for mitigation of fire risks.
- 5) Development plans in different spheres.
- 6) Densifying of cooperation and starting of possible cooperation forms in sphere of fire safety and risk mitigation.
- 7) Improvement of social situation, because several causes of fire hazards and fire risks are directly related to social problems and all in and general bad social situation of people.
- 8) Feeding and fixing of planned and possible measures enhancing fire safety and mitigating of fire risks worked out and proposed in Northern Tallinn plan to enhance fire safety (EU PRISMA Project Final Document) in concrete development documents of municipality, City of Tallinn and Northern Tallinn.
- 9) Just the same important is feeding and fixing of planned and possible measures enhancing fire safety and mitigating of fire risks worked out and proposed in Northern Tallinn plan to enhance fire safety (EU PRISMA Project Final Document) in state development documents on state or national level, especially in development documents of Estonian Rescue Board and its North Rescue Centre.

A draft CBA

In recent years there has been an increased focus on sustainable development. For development to be sustainable it must integrate environmental stewardship, economic development and the well-being of people, not just for today but for generations to come.

There are numerous costs associated with fires. These include:

- Fire fighting
- Post-fire clean-up





- Replacement of destroyed or damaged equipment
- Treatment of fire victims that do not die
- Societal losses due to fire victims that die.

The cost of extinguishment, sanitation, treatment of injuries and possible deaths should be included in the costs of fires.

Indeed one of the major benefits of the use of a high level of fire safety is the avoidance of fires, reduction in the size of fires that occur and reduction in injuries and loss of lives.

Recommendations for further CBA research

By this current Northern Tallinn city district plan to enhance fire safety (EU PRISMA Project Final Document) is being as a collective expert opinion in this area. Developed and offered planned and possible measures to enhance fire safety and for mitigation of fire risks in the Northern Tallinn city district shall be included into the concrete and specific development documents. For it or in this process must come before cost-benefit analyses or CBA researches (kulukuse-tulususe ehk kulude-tulude analüüsid ja uuringud) for each concrete case in real that time.

For budgeting of all measures must also come before their additional cost-benefit analysis (CBA)).

While in this current plan and EU PRISMA project final document are proposed also possible measures to then before their making and coming for real and fixing in development documents and covering by budgets are needed additional cost-benefit analyses (CBA) of these measures.

Proposals regarding measures for political evaluation

Proposals regarding measures for political evaluation have made and carried through legislative initiatives and proposals on municipal level, on level of City of Tallinn for Tallinn City Government and Tallinn City Council, on Estonian national and state level, for Parliament of Estonia Riigikogu and ministries and on European level for European Commission and European Parliament.

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Legislative initiatives and proposals on municipal level, on level of City of Tallinn

There have been brought legislative initiatives and proposals on municipal level, on level of City of Tallinn for Tallinn City Government and Tallinn City Council, totally 11.

Legislative initiatives and proposals on Estonian national and state level

There have been brought legislative initiatives and proposals on Estonian national and state level, for Parliament of Estonia Riigikogu and ministries, totally also 11.

Legislative initiatives and proposals on European level

Legislative initiatives and proposals on European level for European Commission and European Parliament have been worked out by project and during the realization and work of the EU PRISMA Project together by all project partners, international project team managed by the lead partner Safety Region South-Holland South, VRZHZ. VRZHZ also designed, recorded and wrote down these recommendations and proposals on European level for European Commission and European Parliament. These recommendations and proposals are parts of the EU PRISMA Project Final Document and Final Report in all to European Commission.

Legislative initiatives and proposals on European level for European Commission and European Parliament are coming and have been taken from this EU PRISMA Project Final Document and Final Report in all to European Commission.

Lobby and advocacy

Lobby and advocacy for realization of proposals and recommendations and planned and possible measures to enhance fire safety and for mitigation of fire risks worked out, designed and recorded in the Northern Tallinn plan to enhance fire safety (EU PRISMA Project final document) can and must run in frame of legislation and rules by City of Tallinn and Estonian state institutions and organizations and by using of all existing possibilities and ways.

Northern Tallinn city district, also in close cooperation and together with City of Tallinn, will continue advocacy work on safe environment and safe behavior of people.

Advocacy work will be done with collaboration with Estonian Rescue Board and their guidelines and all other involved and interested institutions and organizations.

Monitoring and enforcement

Northern Tallinn city district and City of Tallinn can and will have more demands on landlords who have abandoned their houses and therefore caused bad and dangerous conditions. Abandoned hoses must disappear from city space and milieu! They must be cleared away and removed or these areas, territories must to modernise and build up by development activities. Big need for development, aim and goal is to development on and build up so called Kopli lines (nn Kopli liinide) area as an area of City of Tallinn with state-of-art and modern city space, environment and infrastructure, by developer. It expects the appropriation of all this area by





City of Tallinn, Tallinn City Council, Tallinn City Government and Tallinn City Property Department.

This current Northern Tallinn city district plan to enhance fire safety (EL PRISMA Project Final Document) is a collective expert opinion in this area. Developed and offered planned and possible measures to enhance fire safety and for mitigation of fire risks in the Northern Tallinn city district shall be included into the concrete and specific development documents – development plan of Northern Tallinn city district, development plan of City of Tallinn, specific and sector development plans, overall spatial plan of Northern Tallinn city district and other development documents – and budgets. Just as important is that it is at the national level and by the State, primarily by the Estonian Rescue board and its North Rescue Centre through the respective development documents and budgets. This ensures that all planned and possible measures can be implemented and the realization of them. This is the ultimate goal of all the work.





Annex 1. Capability assessment

Assessment of capability of risk mitigation and risk management and providing fire safety work and enhancement of fire safety in Northern Tallinn city district

A Capability Assessment in this case, in the EU PRISMA Project and connection to the project in Tallinn and Northern Tallinn handles the identification and description of preventive measures and measures for the mitigation of consequences and fire risks, the analysis of the expediency feasibility of the measures (cost benefit analysis), including economic or political reasons and argumentations and opportunities for the application feasibility of the measures.

The output and result of the Capability Assessment is finding out and describing of the measures enhancing fire safety and preventing and mitigating of fire risks and consequences of possible fires and fire risks in Northern Tallinn city district, analysis of the feasibility of the measures or cost benefit analysis (CBA) (meetmete otstarbekuse või kulukuse-tulususe ehk kulude-tulude analüüsimine (CBA)) and analysis of possibilities for implementing of measures.

Capability has been taken as an ability and competence to realize and carry out or perform measures enhancing fire safety, preventing risks and mitigating risks and consequences of risks and in this case it is ability to enter concrete steps and make concrete activities for enhancing fire safety and mitigating fire risks in Northern Tallinn city district.

Capability identification (Võimekuse väljaselgitamine, võimekuse identifitseerimine ehk võimekuse tuvastus)

Capability Assessment and its first stage **Capability identification (Võimekuse väljaselgitamine, võimekuse identifitseerimine ehk võimekuse tuvastus)** was made by cooperation partners of risk mitigation and risk management and in fire safety work in Northern Tallinn city district and has brought in subchapter 7.1 of current chapter. Stakeholder assessment (Koostööpartnerite ülevaade) has brought in chapter 4 of current plan and EU PRISMA project final document.

The most significant and important and also in decisive and key role in risk mitigation and management and in fire safety work are main and key partners of stakeholders group. By main and key partners of stakeholders group was made and shall be brought more detailed and elaborated capability assessment. There waa'originated from responsibilities and areas of responsibilities of main and key partners in this work and activities in it.





Potential cooperation partners can be divided by their role in fire risk mitigation and fire risk management and in fire safety work in Northern Tallinn city district could and brought in five different and approximately independent groups (they are brought by five different chapters or subchapters as chapters 4.2 until 4.6): So, it was also tried to make and pass capability assessment and assessment of capabilities by bigger groups of cooperation partners, seeking and planning measures and groups of measures which can be realized in cooperative and common work and which influence and output is bigger and stronger.

Capability analysis and analysis of the feasibility of the measures or the cost-benefit analysis (CBA) (Võimekuse analüüs ning meetmete otstarbekuse analüüs või meetmete kulukuse-tulususe ehk kulude-tulude analüüs ja hinnang)

Analysis of the feasibility of the measures or the cost-benefit analysis (CBA) (kulukuse-tulususe ehk kulude-tulude analüüs) has been carried out and is given by the Northern Tallinn city district fire risks mitigation and management scenarios and strategies and corresponding to them different groups of measures.

Capability evaluation (Võimekuse hinnang)

Chapter or sub-chapter 7.2 brings worked and offered out on the basis of the results of the risk assessment and risk analysis (riskide hindamine and riskianalüüs) and capability assessment (võimekuse hindamine) and as the part of the capability assessment out the different scenarios and strategies to enhance fire safety and for mitigation and management of fire risks. In this case, in the Northern Tallinn there are ten (10) of those.

To these ten different scenarios and strategies to enhance fire safety and for mitigation and management of fire risks come out and stated and described during capability assessment in Northern Tallinn are directly corresponding ten groups of measures to enhance fire safety and for mitigation of fire risks of Northern Tallinn fixed and brought in chapter 8.1.

In the sub-chapter 7.2 of this present chapter has given and brought a brief description and brief substantive analysis of all the scenarios and strategies to enhance fire safety and for mitigation and management of fire risks in the Northern Tallinn city district.

Capability analysis and analysis of the feasibility of the measures or the cost-benefit analysis (CBA) (Võimekuse analüüs ning meetmete otstarbekuse analüüs või meetmete kulukuse-tulususe ehk kulude-tulude analüüs ja hinnang)





Analysis of the feasibility of the measures or the cost-benefit analysis (CBA) (kulukuse-tulususe ehk kulude-tulude analüüs) has been carried out and is given by the Northern Tallinn city district fire risks mitigation and management scenarios and strategies and corresponding to them different groups of measures. By each scenario and strategy and corresponding to it group of measures in the cost-benefit analysis (CBA) (kulukuse-tulususe ehk kulude-tulude analüüs) is bringing on costs and benefits and on base of them is giving a summary cost-benefit analysis and assessment (CBA) (kulukuse-tulususe kokkuvõttev analüüs ja hinnang)

Different fire risk mitigation and management scenarios and strategies

On the basis of the results of the risk assessment and risk analysis (riskide hindamine and riskianalüüs) and capability assessment (võimekuse hindamine) and as the part of the capability assessment is worked and offered out the different scenarios and strategies to enhance fire safety and for mitigation and management of fire risks. In this case, in the Northern Tallinn there are ten (10) of those.

Fire risk mitigation and management scenarios and strategies in Northern Tallinn city district are [10]:

- 1. Planning scenario or spatial planning scenario.**
- 2. Projecting or designing scenario.**
- 3. Development or related to the development plans scenario.**
- 4. Based on training preventive work scenario.**
- 5. Based on counselling and guidance preventive work scenario.**
- 6. Based on informing preventive work scenario.**
- 7. Cooperation scenario.**
- 8. Scenario of strengthening legislation or legislative scenario.**
- 9. Social safety scenario or scenario for improving social situation.**
- 10. Scenario for integrating and integration of fire safety and this work "in the normal life and usual daily routine".**

To these ten different scenarios and strategies to enhance fire safety and for mitigation and management of fire risks come out and stated and described during capability assessment in Northern Tallinn are directly corresponding ten groups of measures to enhance fire safety and for mitigation of fire risks of Northern Tallinn fixed and brought in chapter 8.1.





In this present sub-chapter is given and brought a brief description and brief substantive analysis of all the scenarios and strategies to enhance fire safety and for mitigation and management of fire risks in the Northern Tallinn city district.

Analysis of the feasibility of the measures or the cost-benefit analysis (CBA) (kulukuse-tulususe ehk kulude-tulude analüüs) has been carried out and is given by the Northern Tallinn city district fire risks mitigation and management scenarios and strategies and corresponding to them different groups of measures. By each scenario and strategy and corresponding to it group of measures is bringing on in cost-benefit analysis (CBA) (kulukuse-tulususe ehk kulude-tulude analüüs) costs and benefit and on base of them is giving a summary cost-benefit analysis and assessment (CBA) (kulukuse-tulususe kokkuvõttev analüüs ja hinnang).

Due to fact that Northern Tallinn city district is at moment and was during EU PRISMA Project realisation and designing project final document under spatial planning phase or in stage of drawing up a new overall plan for city district, it is important to take into consideration the possible fire risks in the earliest stage when planning new housing projects and industries.

Members of the EU PRISMA Project Northern Tallinn working group have consensus and working group has official statement that fire safety has to be written down officially in Northern Tallinn city district's overall spatial plan.

There are many risk mitigation strategies that can reduce damage from hazards. Building construction should meet applicable building codes that include requirements for fire protection and life safety.

One important part of the prevention is also public education, it is necessary to expand strategies to educate the public on the essential steps for and the benefits of reducing and mitigating fire risks.

It is vital to:

- Promote public knowledge and understanding of fire prevention at homes
- Increase responsibility for private landowners to address the problem of abandoned wooden-houses and in solving of this problem





Annex 2. Action plan or mitigation plan

Northern Tallinn city district action plan to enhance fire safety and for mitigation of fire risks

In this, one of the main chapters of the Northern Tallinn city district plan to enhance fire safety (EU PRISMA Project Final Document), have brought project outcomes and results and planned and possible measures to enhance fire safety and for mitigation of fire risks (hereinafter Measures to enhance fire safety and for mitigation of fire risks) in Northern Tallinn city district.

In chapter 8.1 have been fixed and it brings ten groups of the Measures to enhance fire safety and for mitigation of fire risks in Northern Tallinn. They are directly corresponding to ten different fire risk mitigation and management scenarios and strategies, came out by Capability Assessment in Northern Tallinn city district.

In chapter 8.2 we listed all EU PRISMA project outcomes and results and planned and possible measures to enhance fire safety and for mitigation of fire risks in Northern Tallinn.

For the implementation of the proposed measures funds and human resources are needed.

Planned and possible measures to enhance fire safety and for mitigation of fire risks in the Northern Tallinn city district shall be included into the concrete and specific development documents – development plan of Northern Tallinn city district, development plan of City of Tallinn, specific and sector development plans, overall spatial plan of Northern Tallinn city district and other development documents – and budgets. Then it will be brought out and will also be granted the exact financial cost for each concrete investment, object, work and activity of moment of the Ordinance.

Northern Tallinn is one of the eight city districts of City of Tallinn. It is not an independent municipality, local government unit. The realisation of the investments and objects of the fire safety plan shall take place through the opportunities and budget of City of Tallinn and through the opportunities and budget of State Rescue Board and state. So the process of budgeting of the required investments and objects is also more complicated and time-consuming.

Key is cooperation on fire safety between institutions and organisations. Very important and the most sustainable are prevention methods and measures on how to mitigate fire risks. All existing, traditional and popular public events must be used for notification and raising awareness about fire risks of inhabitants. New coming and starting events as Northern Tallinn day of public health and other specialised days etc. must also be used for such purpose.





Groups of the EU PRISMA project outcomes and results and planned and possible measures to enhance fire safety and for mitigation of fire risks

The Groups of outcomes and results of the EU PRISMA project and planned and possible measures to enhance fire safety and for mitigation of fire risks are:

- 1. Planning measures or the measures related to the spatial planning (spatial planning, overall plan, detail or part plans).**
- 2. Project or design measures or the measures relating to the design (design, projects).**
- 3. Development measures and measures related to the development plans.**
- 4. Preventive measures (1): Training measures (a program and for sure target group).**
- 5. Preventive measures (2): Counselling and guidance measures (the personal counselling, guidance and solving of fire safety problems).**
- 6. Preventive measures (3): Information measures (events and media campaigns).**
- 7. Cooperation measures (cooperation, the forms of cooperation, cooperation by the use of existing forms of cooperation, etc.).**
- 8. Legislative measures (legislative initiatives and proposals).**
- 9. Social measures or measures to improve the social situation (general activities and practice).**
- 10. Integration of fire safety and this work "in the normal life and usual daily routine."**





Partners of PRISMA



Safety Region South-Holland South
The Netherlands



Municipality of Tallinn
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Stara Zagora Regional Development Agency
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