



Valsts ugunsdzēsības un glābšanas dienests

State Fire and Rescue Service of the Republic of Latvia

Civil protection and disaster management – LATVIA

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Why it is important?

EXTREME WEATHER IS A NATURAL DISASTER!



EUSBSR
EU STRATEGY
FOR THE BALTIC
SEA REGION



EUSBSR POLICY AREA SECURE

Decision No 1313/2013/EU of the European Parliament and of the Council of 17 December 2013 on a Union Civil Protection Mechanism

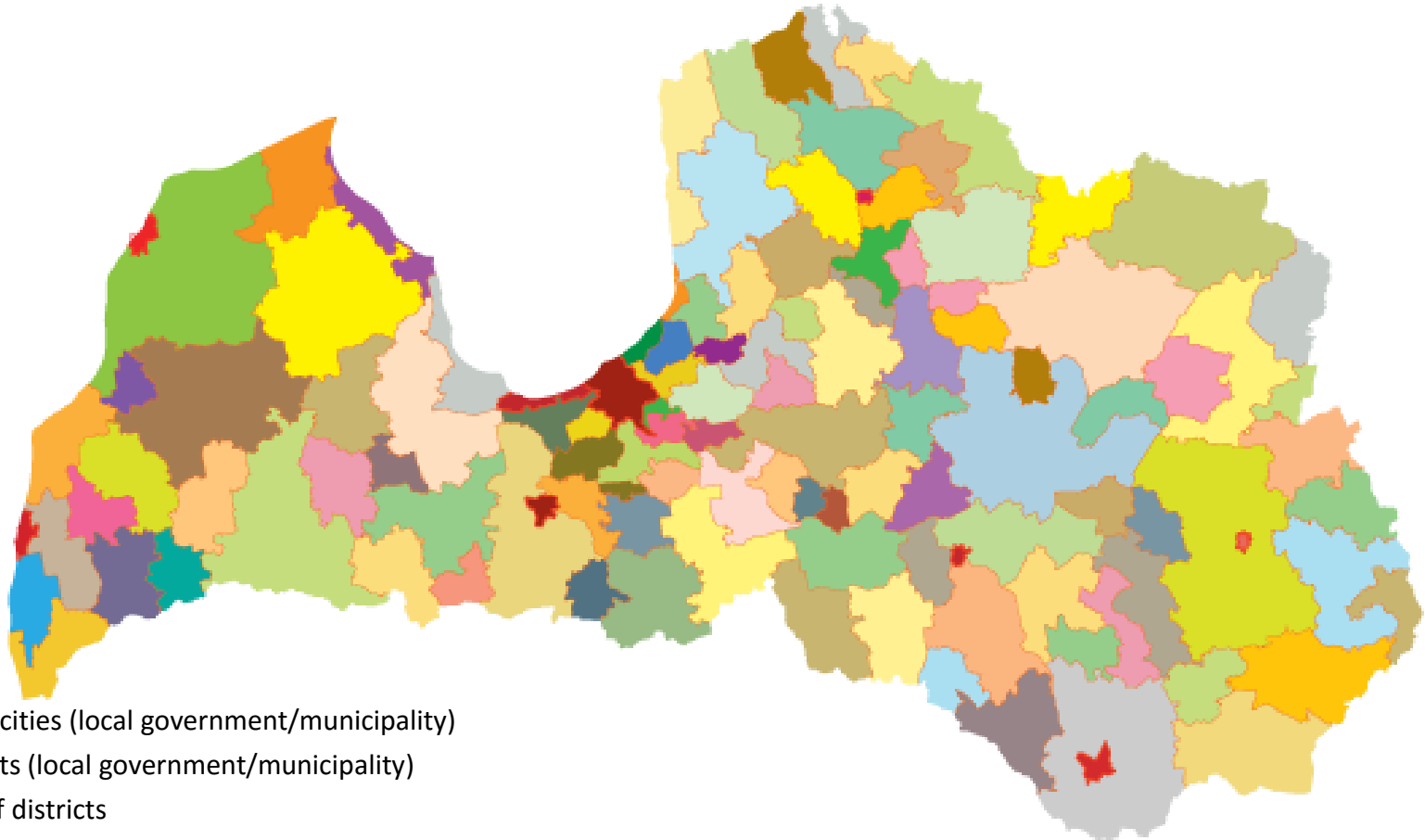
CLIMATE CHANGE:

- consideration of the **likely impacts of climate change**
- need for **appropriate adaptation action**
- **coherent approach** across **different policy areas** taking due account of the **likely impacts of climate change**
- encourage an exchange of good practices on preparing **national civil protection systems** to **cope with the impact of climate change**
- enhance all phases of disaster management, taking into account **adaptation to and mitigation of climate change**



Country profile

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9 republic cities (local government/municipality)

110 districts (local government/municipality)

67 cities of districts

1 986 000 inhabitants (2014)

64 589 km² area (45% forest area)



Legislation



National Security Law

Civil Protection Law

Law on Emergency Situation and State of Exception

Law on State Material Reserves

New Law – Civil Protection and Disaster Management Law
(will come into force on October 1, 2016)



Risk assessment

Commission Staff Working Paper - Risk Assessment and Mapping Guidelines for Disaster Management (2010)

Council conclusions on Further Developing Risk Assessment for Disaster Management within the European Union (2011)

Ministry of Interior
Ministry of Foreign Affairs
Ministry of Defense
Ministry of Economics
Ministry of Finance
Ministry of Transport
Ministry of Justice
Ministry of Health
Ministry of Environment
Protection and Regional Development

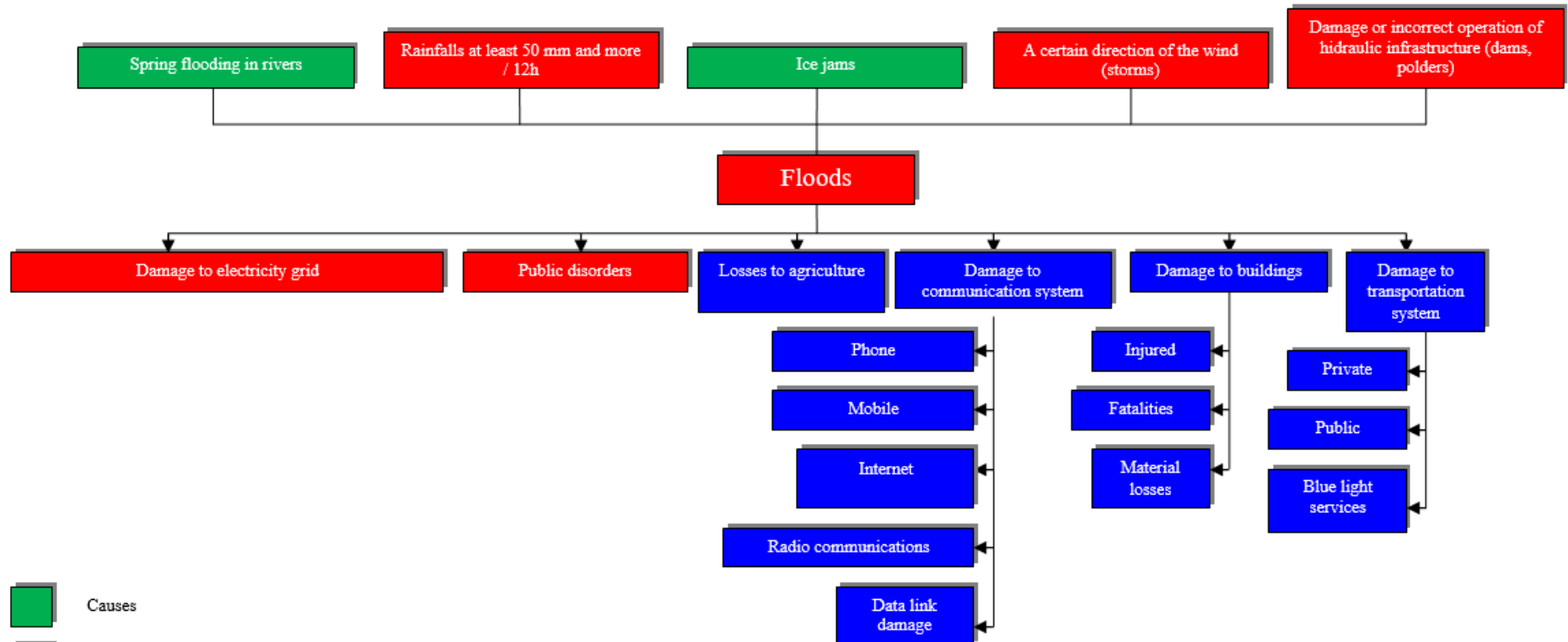
Order of Prime Minister (2012)



Risk assessment

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Scenario (Floods)



-  Causes
-  Consequences
-  Threat



Risk assessment

RISK MATRIX

Probability ↓		Insignificant risk	Significant risk	Medium risk	High risk	Very high risk
		<i>Very high</i>	Once a year or more often		Forest fires Significant road accident	Significant IT security incident
<i>High</i>	Once in 1 – 15 years		Significant maritime accident River pollution Marine pollution Significant accident on the railway			
<i>Medium</i>	Once in 16 – 50 years		Damage of gas transportation pipeline Floods		Storm Electricity grid damage	Flu pandemics
<i>Low</i>	Once in 51 – 100 years			Significant aviation accident		
<i>Very low</i>	Rather than once in 100 years		Industrial accident (SEVESO)			
Injured / victims		10 to 100	101 to 1000	1001 to 5000	5001 to 10000	more than 10000
Fatalities		1 to 10	11 to 100	101 to 500	501 to 1000	more than 1000
Material loses (euro)		50 k to 100 k	100 k to 1 m	1 m to 10 m	10 m to 100 m	more than 100 m
Damage to environment (euro)		50 k to 100 k	100 k to 1 m	1 m to 10 m	10 m to 100 m	more than 100 m
Affected by illness		less than 5%	5-15%	15-20%	21-35%	more than 35%
Displaced persons		10 to 100	101 to 1000	1001 to 5000	5001 to 10000	more than 10000
Consequences →		<i>Insignificant</i>	<i>Significant</i>	<i>Medium</i>	<i>Severe</i>	<i>Catastrophic</i>



Possible threats and cooperation



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State Civil Protection Plan
Annex No.30

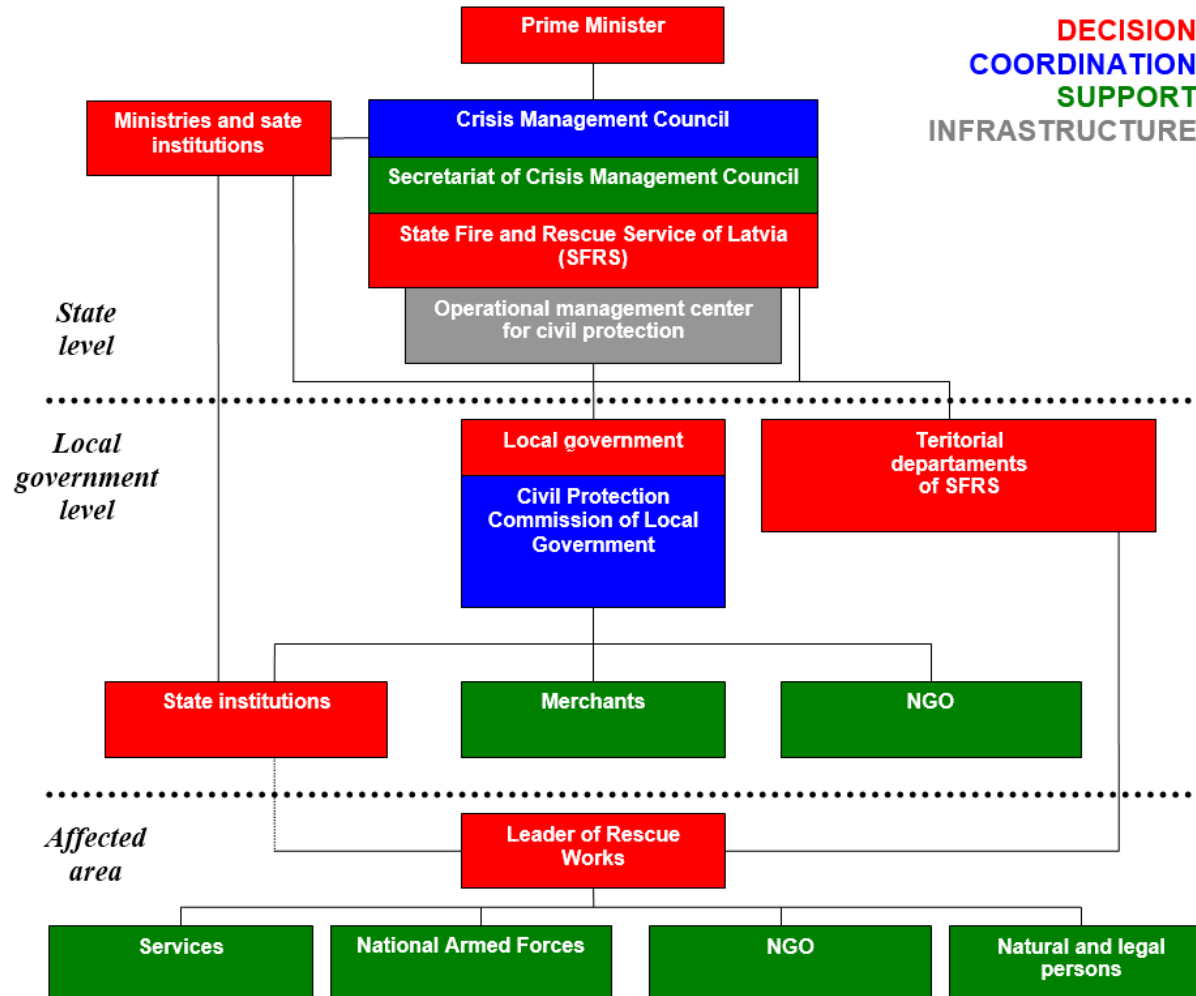
Institutions	Spills of hazardous materials			Transport accidents				Floods	Severe weather conditions	Forest fires	Earthquakes	Failure of electrical supply	Failure of heating supply	Failure of gas supply	Failure of water supply and sewage system	Epidemics/pandemics	Epizootics	Plant disease	Radiation emergencies	Terror acts	Public disorders	Military invasion or war	Building collapse
	Gas leakage from main pipelines	Hazardous materials leakage	Marine pollution	On road	On railway	Aviation	At sea																
Ministry of Defense		S	L			S	L	S	S	S	S	S				S	S		S	S	S	S	S
Ministry of Foreign Affairs	S	S	S		S	S	S	S	S	S	S					S	S		S	S	S	S	S
Ministry of Economic	L								S		S	L		L								S	S
Ministry of Finance			S					S	S	S	S					S	S	S	S	S	S	S	
Ministry of Interior	S	L	L*	L	S	S	S	S	S	S	L	S	S	S	S	S	S	S	L	L	L	L	L
Ministry of Culture								S			S		S									S	
Ministry of Welfare		S									S							S				S	S
Ministry of Transport	S	S	S	S	L	L	S	S	S		S							S	S	S	S	S	S
Ministry of Health	S	S	S*	S	S	S	S	S	S		S			S	S	L	S	S	S	S	S	S	S
Ministry of Environment Protection and Regional Development		L	S*	S	S	S	S	S	S	S	S	S				S	S	S	L	S	S	S	S
Ministry of Agriculture								S	S	L	S						L	L	S	S	S	S	
Municipality	S	S	S*	S	S	S	S	L	L	S	L	S	L	S	L	S	S	S	S	S	S	S	S

Notes: L- leading institution S – supporting institution * - in case of coast pollution



Civil Protection system

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Planning



State civil protection plan

Local government civil protection plan
(evacuation of population)

Civil protection plan of the merchant's
object or institution, if the object is an
object of increased danger or there may
be more than fifty people located in it.



Cooperation in the BSR

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Serves as cooperation platform – aims at reinforcing cooperation within the large region in order to face several challenges by working together as well as promoting a more balanced development in the area



EUSBSR action plan – since 2015 PA «Secure», covers prevention, preparedness, response to all sorts of threats, regardless whether their origins are natural disasters, made-man disasters and organised crime



PROJECTS:



EUSBSR FLAGSHIP PROJECT 14.3



<http://www.14point3.eu/>
<http://www.gapstocaps.eu/>



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