



Vides pārraudzības
valsts birojs

National approaches of contingency planning, including transboundary waters

LAURA VIZBULE
ENVIRONMENT STATE BUREAU
INDUSTRIAL ACCIDENT RISK ASSESSMENT DIVISION
SENIOR EXPERT

OUTLINE

- Laws and Regulations;
- Civil Protection system;
- Responsibilities in case of emergency;
- Contingency plans of establishment (on-site and off-site civil protection plans);
- Transboundary waters with neighboring countries;
- Trainings with neighboring countries.



Vides pārraudzības
valsts birojs





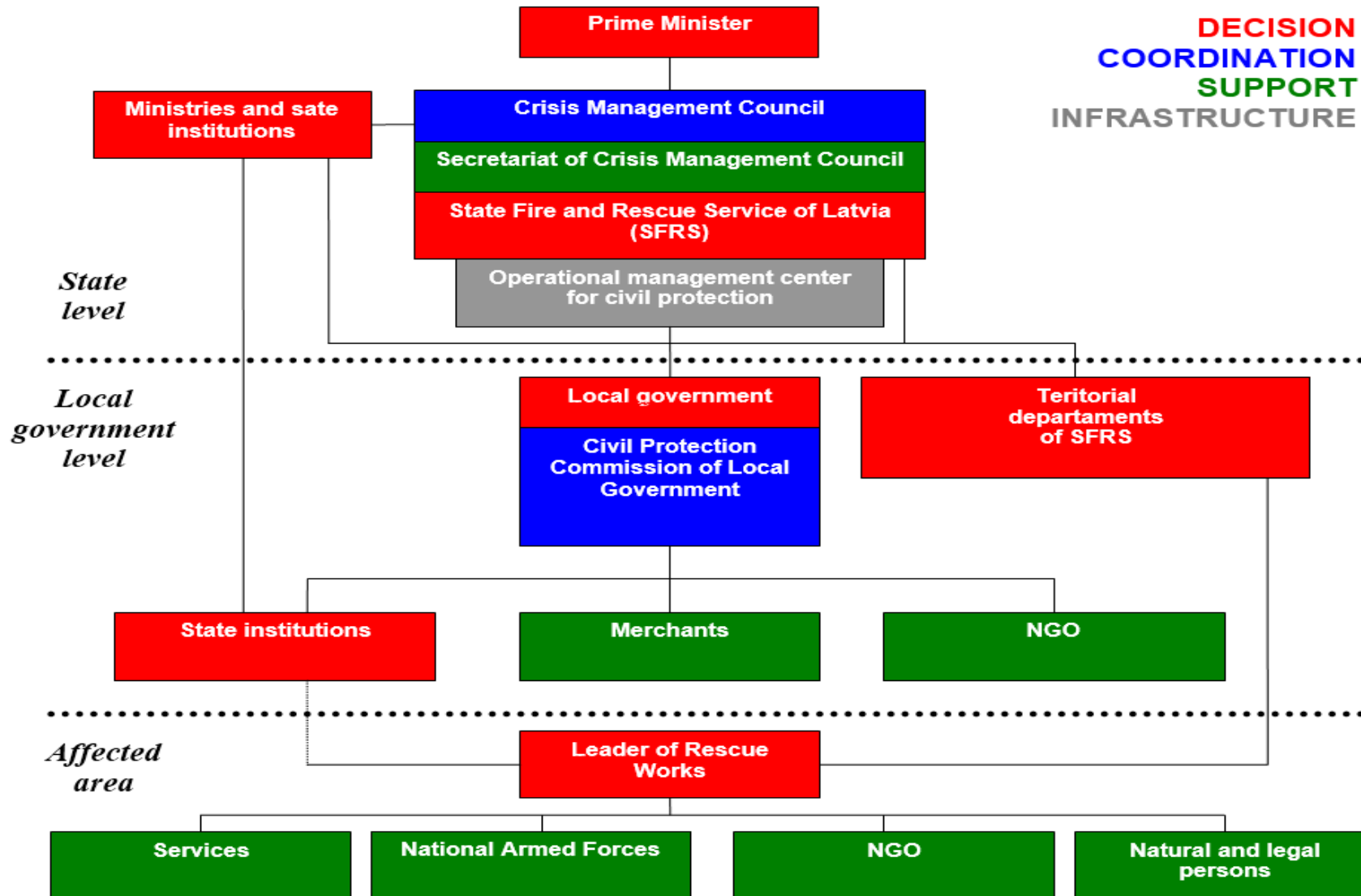
Vides pārraudzības
valsts birojs

LAWS and REGULATIONS

- Water Management Law;
- Law On Environmental Impact Assessment;
- Environmental Protection Law;
- Chemical substances Law;
- Law on Pollution;
- Law on the Convention on the Transboundary Effects of Industrial Accidents;
- Civil Protection and Disaster Management Law;
- The State Civil Protection Plan;
- Cabinet of Ministers Regulations No 563 «Procedures for Identifying and Determining Objects of Increased Danger, as well as for the Planning and Implementation of Civil Protection and Disaster Management»;
- Cabinet of Ministers Regulations No 440 «Procedures for Establishing, Operating and Financing the National Early Warning System»;
- Cabinet of Ministers Regulations No 131 «Industrial Accident Risk Assessment and Risk Reduction Measures».



CIVIL PROTECTION SYSTEM



Vides pārraudzības
valsts birojs

- The State Civil Protection Plan
- Local government civil protection plan
- Establishment (operator) emergency plans (on-site and off-site)

RESPONSIBILITY (I)



Vides pārraudzības
valsts birojs

1. **Ministry of Defense** - disasters at sea;
2. **Ministry of Foreign Affairs** - disasters in the buildings and engineering structures of the representations and embassies of the Republic of Latvia in other countries;
3. **Ministry of Economics** - disasters related to energy generation or transport infrastructure of energy and energy resources;
4. **Ministry of the Interior** - disasters related to fires, earthquakes, landslides, terrorist attacks, public disorders, internal conflicts or transport accidents in internal waters to the shoreline;
5. **Ministry of Environmental Protection and Regional Development** - disasters related to release of hazardous chemical substances or mixtures, natural disasters, radiation accidents;
6. **Ministry of Transport** - disasters related to accidents of carriage by rail, road or air and relevant engineering structures, accidents of pipelines for oil and oil product transit;
7. **Ministry of Health** - disasters related to epidemics of human infectious diseases;
8. **Ministry of Agriculture** - disasters related to fires in forests, infectious diseases dangerous to animals, or multiplying of organisms harmful to plants;
9. **Local governments** - disasters within the administrative territory of a local government.

RESPONSIBILITY (II)



Vides pārraudzības
valsts birojs

- **The State Fire and Rescue Service** – the National point of contact for mutual assistance
- The State Environmental Service
- The State Police of Latvia
- The State Emergency Medical Service
- Operator
- NGO (Non-Governmental Organizations)
- Environment State Bureau
- Latvian Environment, Geology and Meteorology Centre
- State Labour Inspectorate
- The Consumer Rights Protection Centre



Contingency planning of establishment

- 3 Categories: Category A, Category B, Category C;
- The **owner** or lawful possessor of the establishment shall ensure the following:
 - 1) safety of the object, and also the maintenance and exploitation thereof in accordance with the requirements laid down in the laws and regulations;
 - 2) timely early warning and informing of people on the required action and evacuation from the object;
 - 3) immediate informing of the respective State or local government authorities on the threat and the performed measures for the prevention thereof;
 - 4) evacuation of property from the object under condition it is possible and does not endanger human life and health;
 - 5) provision of all the necessary support upon request of officials of the respective State or local government authorities.
- Practical civil protection and disaster management training **not less than once every three years.**



On-site and Off-site emergency plans

On-site civil protection plan

- ✓ Responsible person of establishment;
- ✓ Geographical location, meteorological, hydrological and climatic characterisation of its surroundings;
- ✓ Affected territory by an industrial accident – possibilities and consequences;
- ✓ External threats of the establishment and possible consequences thereof;
- ✓ Characterization of buildings and structures in the establishment and operation thereof;
- ✓ Organisation of civil protection;
- ✓ Theoretical and practical training of employees;
- ✓ Co-operation with others, mutual assistance;
- ✓ Safety measures;
- ✓ Containment, control and elimination;
- ✓ Ensure the survey, depollution and environmental restoration of the polluted area;
- ✓ Warning and evacuation;
- ✓ Resources, warning systems, fire-fighting equipment, first-aid, personnel protecting equipment, transport,
- ✓ Chemical substances in establishment (SDS, schemes, plans).

Off-site protection plan

- ✓ Responsible person of establishment;
- ✓ Characterisation of alarm and notification system;
- ✓ Resources available for on and off- establishment;
- ✓ Description of response and reduction and liquidation of consequences emergency measures (taking into account domino effects);
- ✓ Provision of warning and information to the public;
- ✓ Ensure the containment, control and elimination of an industrial accident outside the territory of the establishment;
- ✓ A time period within SFRS and other authorities involved in the containment, reduction and liquidation of consequences of the accident may arrive at the site;
- ✓ Procedures for warning neighbouring sites, organisations, individuals;
- ✓ Procedures of handing out personal protective equipment.

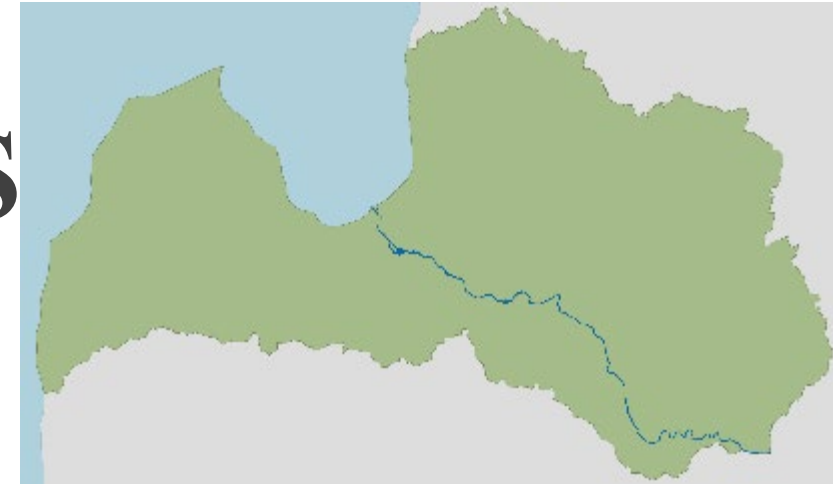
Water Management Law

International Co-operation in the Management of River Basins:

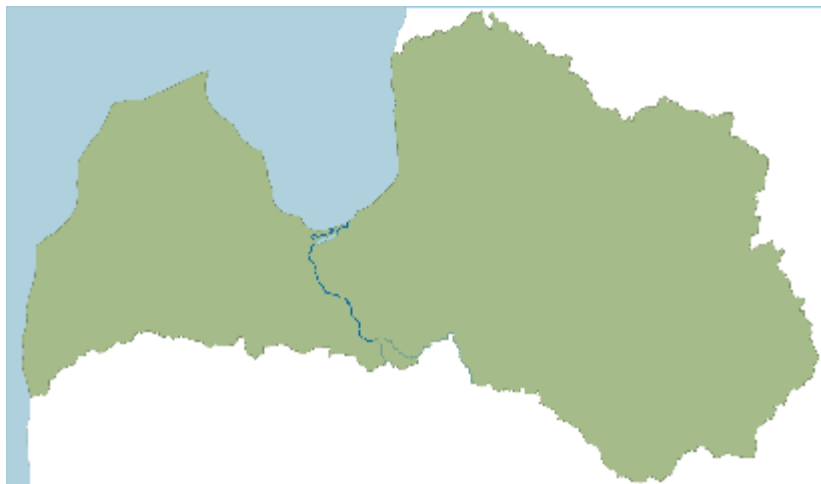
- 1) a river basin is partly included in the territory of Latvia, partly in another EU Member State - the **Ministry of Environmental Protection and Regional Development** shall co-operate with the competent authorities of the relevant state;
- 2) If an international river basin district has been established, the **Latvian Environment, Geology and Meteorology Centre** shall ensure the administration of the part of the river basin district included in the territory of Latvia and exchange information regarding the water conditions, flood hazard territories and measures to be taken, as well as co-operate with the competent authorities of the relevant state;
- 3) If a river basin is **partly included in the territory of Latvia** and **partly** - in the territory of **non-EU Member State**, the **Ministry of Environmental Protection and Regional Development** shall, within the framework of co-operation agreements regarding environmental protection, co-operate with the competent authorities of the relevant state in order to facilitate the achievement of the objectives of this Law within the entire river basin.

TRANSBOUNDARY WATERS

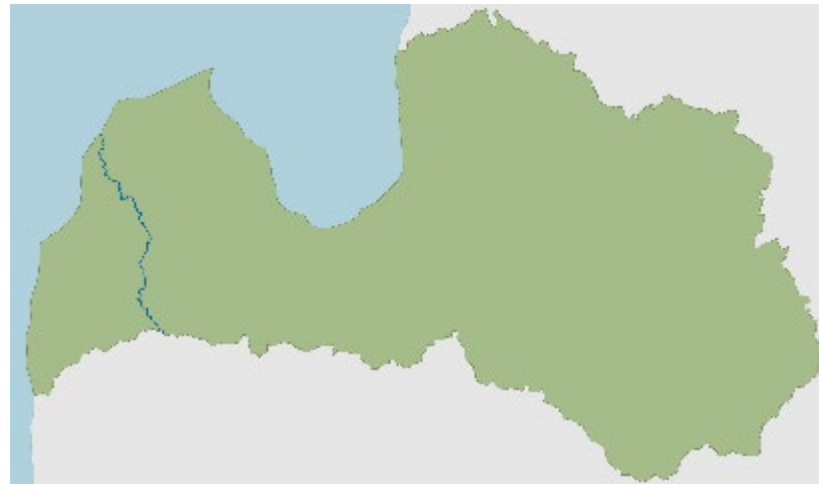
- Gauja river basin (LV, EE);
- Venta and Lielupe river basins (LV, LT);
- Daugava river basin (LV, LT, BY, RU).



Daugava river



Lielupe river



Venta river



Gauja river

Gauja river basin situation



Vides pārraudzības
valsts birojs

- EU legislation

1. Agreement between the government of the Republic of Latvia, the government of the Republic of Estonia and the government of the Republic of Lithuania on cooperation in the field of environment;
2. Agreement between the Ministry of Environment of the Republic of Latvia and the Ministry of the Environment of the Republic of Estonia on co-operation in protection and sustainable use of trans-boundary watercourses;

- Meetings annually;

- Regular cross-border trainings.



Venta and Lielupe river basins situation



Vides pārraudzības
valsts birojs

- EU legislation;
 1. Agreement between the government of the Republic of Latvia and the government of the Republic of Lithuania on co-operation in the field of environmental protection;
 2. Technical Protocol between the Ministry of Environment of the Republic of Latvia and the Ministry of Environment of the Republic of Lithuania on Co-operation to Manage the International River Basin Districts;
- Meetings annually;
- Cross-border training events are organized regularly;



Daugava river basin situation



Vides pārraudzības
valsts birojs

- **Belarus and Russian Federation** apply their own water quality standards;
- Agreement between the government of the Republic of **Latvia** and the government of Republic of **Belarus** on cooperation in the field of environmental protection, which envisages cooperation and assistance in the case of accidents or nature catastrophes;
- Agreement between the government of the Republic of **Latvia** and the government of the **Russian Federation** on cooperation in emergency situations prevention and elimination;
- Trilateral agreement between the governments of **Latvia, Belarus and the Russian Federation** concerning cooperation in the Daugava/ Zapadnaja Dvina river basin. The draft agreement was already developed and agreed by all three parties in 2003, but the signing was postponed;
- Ministry of Natural Resources and Environmental Protection of the Republic of **Belarus** and the Ministry of Environmental Protection and Regional Development of **Latvia** are in progress to have agreement in cooperation of Daugava/ Zapadnaja Dvina river basin.
- Rescue services of **Belarus, Latvia and Lithuania** implement joint projects and have joint training exercises.



TRAININGS (I) with LT and BY

- 12.-13.02.2014 – in Daugavpils on Daugava river;
- the State Fire and Rescue Service (Latgale Region Brigade), the Ministry of Emergency Situations of the Utena Region of the Republic of Lithuania and the Special Task Force of the Republic of Belarus Ministry of Emergency and Vitebsk district firefighters;
- scenario: diesel leakage in Belarus with possibility to reach Latvia border through Daugava river;
- a total of 59 fire-fighters with 14 units participated.



TRAININGS with LT

- 12.-13.09.2013. in Jelgava, Lielupe river;
- State Fire and Rescue Service (Zemgale Region Brigade), fire-fighters of Siauliai and Panevezys county, Lithuanian Fire and Rescue Service, Jelgava city government, Siauliai government and Coast Guard Service of the Navy;
- petroleum product leakage in river.



TRAININGS (III) with EE

- 10.10.2018. in Salacgriva (Latvia);
- accident on bridge over Salaca river with diesel leakage from tanker truck;
- risk to Gulf of Riga;
- cooperation with Estonian Rescue Board;
- together 63 people (44 from Latvia and 18 from Estonia).



- 14.-15.08.2018. in Kuresare (Estonia);
- scenario: near to Roomsares port a stranded ship with oil product leakage;
- 14 officials from the State Fire and Rescue Service (Riga region, Kurzeme region brigade and Vidzemes region brigade).



THANK YOU!

Contacts:

Laura Vizbule

laura.vizbule@vpvb.gov.lv

Environment State Bureau

www.vpvb.gov.lv



Lielupe



Daugava



Gauja



Venta