DISASTER RISK REDUCTION IN BULGARIA
2015 - 4 experts from Greece, Sweden, Turkey, UK and ECHO – 10 days in Bulgaria.
General framework:
An integrated, cross sectoral and multi-hazard approach to disaster risk management is in place and functioning at national, regional and local levels

1. **Integrated approach to DRM**: Ensure that disaster risk management is a national, regional and local priority with a strong institutional base for implementation

2. **Risk assessment**: Assess (identify, evaluate and monitor) disaster risks at local, regional and (inter)national levels

3. **Risk management planning**: Reduce the underlying risk factors through structural and non-structural measures to ensure the physical, economic, ecological, social, culture resilience of persons, communities, countries and their assets

4. **Preparedness**: Strengthen disaster preparedness for effective response at all levels

5. **Public awareness**: Use knowledge, innovation and education to build a culture of safety and resilience at all levels
In 2016, after the Peer review, amendment to the Disaster Protection Act moves activities towards improvement of the disaster risk management and from response to disaster risk management system, based on prevention, preparedness, response and recovery.
Priorities from Hyogo and Sendai Frameworks are implemented to achieve policy for disaster risk reduction and fulfil the engagements of Bulgaria.
The Act aims at strong institutional base of the disaster risk management with priorities on National, Regional and Local levels.

Following have been established:

- Disaster Risk Reduction Council to the Council of Ministers; (National level)
- Regional Disaster Risk Reduction Council;
- Municipal Disaster Risk Reduction Council. (Local level)

The councils are used as a platform on the different levels and allows engagement of wider group of organisations related to disaster protection.
More than 2600 volunteers in the country formed in 184 voluntary units.

Every municipality above 20,000 citizens is obliged to have voluntary unit with specialised training and equipment.

DG Fire Safety and Civil Protection equipped with 42 fire trucks, 13 rescue trucks and 24 transport trucks some of the Voluntary units.
Developed in accordance to Art. 6a, §. 2, p. 1 from Disaster Protection Act.

The National strategy defines the actions till 2030 and frames the adequate reduction of existing risks and non-admission of new ones, enhancement of preparedness, response and fast recovery after disaster occurrence, following the principle “build back better”.
VISION:
Provision of resilient and safer living environment for the citizens of Bulgaria.
<table>
<thead>
<tr>
<th>Period</th>
<th>Types of disasters</th>
<th>Number of events</th>
<th>Number of casualties</th>
<th>Number of affected/injured</th>
</tr>
</thead>
<tbody>
<tr>
<td>1916 - 2016</td>
<td>Floods</td>
<td>19</td>
<td>77</td>
<td>60 017</td>
</tr>
<tr>
<td>1916 - 2016</td>
<td>Earthquakes</td>
<td>6</td>
<td>131</td>
<td>3 962</td>
</tr>
<tr>
<td>1916 - 2016</td>
<td>Storms</td>
<td>6</td>
<td>3</td>
<td>5 890</td>
</tr>
<tr>
<td>1916 - 2016</td>
<td>Extreme temperatures</td>
<td>9</td>
<td>76</td>
<td>393</td>
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<tr>
<td>1916 - 2016</td>
<td>Fires</td>
<td>4</td>
<td>10</td>
<td>176</td>
</tr>
<tr>
<td>1916 - 2016</td>
<td>Landslides</td>
<td>1</td>
<td>11</td>
<td>-</td>
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<tr>
<td>1916 - 2016</td>
<td>Transport accidents</td>
<td>6</td>
<td>154</td>
<td>138</td>
</tr>
<tr>
<td>1916 - 2016</td>
<td>Industrial accidents</td>
<td>2</td>
<td>15</td>
<td>200</td>
</tr>
</tbody>
</table>

*Data from EM-DAT*
<table>
<thead>
<tr>
<th>Date of occurrence</th>
<th>Type of disaster</th>
<th>Category</th>
<th>Loss (mln. €)</th>
<th>Received financial aid through Solidarity Fund</th>
<th>Total Received financial aid through Solidarity Fund</th>
</tr>
</thead>
<tbody>
<tr>
<td>May 2005</td>
<td>Floods</td>
<td>Major natural disaster</td>
<td>222,0</td>
<td>9,7</td>
<td></td>
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<tr>
<td>August 2005</td>
<td>Floods</td>
<td>Major natural disaster</td>
<td>237,0</td>
<td>10,6</td>
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<tr>
<td>June 2014</td>
<td>Floods</td>
<td>Major natural disaster</td>
<td>311,0</td>
<td>10,5</td>
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<tr>
<td>July 2014</td>
<td>Floods</td>
<td>Regional natural disaster</td>
<td>79,0</td>
<td>2,0</td>
<td></td>
</tr>
<tr>
<td>January 2015</td>
<td>Severe winter</td>
<td>Major natural disaster</td>
<td>243,0</td>
<td>6,4</td>
<td></td>
</tr>
</tbody>
</table>

**Total** 39,2
EXPECTED RESULT: “Restriction of occurrence of new and reduction of existing disaster risks with the aim of achieving resilience.”
STRATEGIC GOALS:

1. Sustainability of the society in case of disasters;

2. Development of capacity for disaster risk management at all administrative levels;

3. Achievement of consistency in the policy making for sustainable development, climate change adaptation and disaster risk reduction;

4. Achievement of sustainability of financing disaster protection.
Coherent approach in disaster risk management

Compliance with the disaster consequences

Fully integrated disaster risk management

Use of information, expertise, science and technologies

Responsibility and preparedness of every citizen

PRINCIPLES:
PRIORITY ACTION FIELDS:

1. Understanding disaster risk

2. Enhancement of institutional disaster risk management

3. Investment in disaster risk reduction

4. Introducing of financial policy for disaster risk management

5. Enhancement of preparedness for effective disaster response and use of “build-back-better” principle in the recovery phase
VISON: Provision of sustainable and safer environment for living of the citizens of Republic of Bulgaria

EXPECTED RESULT: Restriction of occurrence of new and reduction of existing disaster risks, aiming at sustainability

1. Achieving sustainability of the society in case of disasters;
2. Establishment of capacity for disaster risk management at all administrative levels;
3. Achievement of consistency in the policy making for sustainable development, climate change adaptation and disaster risk reduction;
4. Achievement of sustainability of financing disaster protection.

1. Understanding disaster risks
2. Enhancement of institutional disaster risk management;
3. Investment in disaster risk reduction;
4. Introducing of financial policy for disaster risk management;
5. Enhancement of preparedness for effective disaster response and use of “build-back-better” principle in the recovery phase
- Disaster Protection Plans are developed under Art. 9, of Disaster Protection Act and are developed by the Disaster Risk Reduction Councils.

- Central executive power and the units of Integrated rescue System develop plans for the tasks, according to the National disaster protection plan and regional and municipal plans.

- Disaster Risk Reduction Council to the Council of Ministers of Republic of Bulgaria guides development and preparedness of the plans.
Expected results:

- Enhancement and improvement of the existing protection of the population by development of plans for disaster protection and by adding disaster risk reduction approach to all hazards.

- When developing disaster protection plans, the risk management approach is applicable, based on the principles of Bulgarian State Standard and ISO 31000:2011 „Risk management – principles and instructions”.

- With the development of the disaster protection plans structural approach for coordination and assessment of the practices of disaster risk management by prevention, preparedness, response and recovery.
By planning and development of the plans it is expected:

- Description of what could happen – consequences from disasters (by risk assessment);
- Impact to the risk by planning of prevention measures, preparedness, response and recovery;
- Definition of the tasks and/or functions needed to cope with the consequences after a disaster;
- Details on how this tasks/functions will be executed.
Oценка на щетите към 27.08.2017 г. - 12:28 ч.

MINISTRY OF INTERIOR
DG FIRE SAFETY AND CIVIL PROTECTION

DAMAGE ASSESSMENT OF KRESNA FIRES
ON 27TH OF AUGUST 2017
EMSN-022  Bulgaria
Event Time: 2014-07-31
Activation Time: 2016-05-04
Area: Mizia town, Bulgaria

Issued by the Institute for the Protection and Security of the Citizen, JRC in Ispra, Italy,

76 pages Report

- Post-disaster analysis,
- Damage assessment,
- Recovery and rehabilitation planning and monitoring,
- Flood risk assessment,
- Disaster preparedness and response mechanisms
Flood Date: March 11

Process
- Calibration and georeference
- Classification: class Water – Blue mask
- Output the Mask to GIS

COPERNICUS EMS ACTIVATION
MINISTRY OF INTERIOR
DG FIRE SAFETY AND CIVIL PROTECTION

THANK YOU FOR YOUR ATTENTION!

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