

## Vitacevo May 27, 2015

### SCENARIO

#### Organizers of the drill

- Fire protection Union of Macedonia
- Government of the Republic of Macedonia, Directorate for protection and rescue
- PE "Macedonian forests", Subsidiary "Bor" Kavadarci
- Municipality of Kavadarci
- Municipal fire protection Union of Kavadarci.

#### Assumed situation of the forest fire

The fire was caused at the site Vitacevo, City of Kavadarci at elevation of 920m, around 10:00 am. The site where the fire was recorded is 25 km far from the City of Kavadarci.

The fire was first recorded by the person driving a truck carrying technical wood, driving on the asphalt road passing through the site Vitacevo. The person reported the fire immediately to the PE "Macedonian forests" Subsidiary "Bor" Kavadarci, around 10:45am.

During the time of reporting the fire, weather conditions are appropriate for fast spreading of the fire. The atmospheric temperature is 34°C, and relative humidity of the air is 37%, and the wind speed is 60km/h heading from north-east towards south-east.

The fire affected areas are mostly mixed oak forests and pine cultures. The timber of the burnt area is 20m<sup>3</sup>/ha.

The fire formed active "frontal" line about 1 km long, longitudinal to the asphalt road.

The "background" of the fire is from the opposite side of the "frontal" line, and there are places with active fires with low intensity.

Next to the both sides of the fire, there is pine forest which is in danger of being affected of the fire.

Mostly the fire is low, but on certain places the tree crowns are affected. The highest intensity of the fire is on the "frontal" line and the "sides" of the fire.

Also, on the right side of the road there is pine forest, which is in danger of being affected of the fire because of the wind.

Because of the dense smoke from the fire, visibility for vehicle movement on the asphalt road is low and there is possible danger of accidents.

The area affected of the fire is about 20 ha.

#### Operational – tactical performance

After receiving the information for recorded fire, immediately according to the Plan for protection of fires of the PE "Macedonian forests" Subsidiary "Bor" Kavadarci sent firefighting section with special vehicle and 5 employees.

Due to the rapid movement of the fire, for firefighting according to the Plan for fire protection of PE "Macedonian forests" Subsidiary "Bor" Kavadarci, additional forces from the Enterprise were sent with specialized fire protection vehicle and other equipment, and also teams from the Local fire protection Union of Kavadarci, one fire protection vehicle from fire protection section from Feni Industry Kavadarci, and 1 team of 10 fire fighters from volunteering Union from Kavadarci DPD Begniste.

In the firefighting were involved total of 50 fire fighters with 3 specialized fire protection vehicles and other equipment for firefighting.

On the area of the fire, 4 sectors for fighting were formed:

The first sector is parallel to the asphalt road and it covers the front of the fire. In this sector, 3 specialized vehicles for firefighting and 30 fire fighters will operate. Direct extinguish of the fire will be performed with water and also with making defense intersection for stopping fire spread.

The second sector is on the north side of the fire. On this sector the third and fourth team from the PE "Macedonian forests" Subsidiary "Bor" Kavadarci will operate. In the same time on this sector intersection will be made for protection of the fire (method of two feet) the burnable material will be removed to prevent the spread of the fire, and where possible direct extinguishing the fire will be done.

The third sector is on the south side of the fire. On this sector fifth team of th PE "Macedonian forests" Subsidiary "Bor" Kavadarci and second team from the territorial firefighting section Kavadarci will operate. In this area the fire will be extinguished with dorsal pump and handy tools.

The fourth sector is the back of the fire. On this sector, team of the Municipal fire protection Union Kavadarci, and DPD Begnishte will operate.

Due to the fast change of the weather conditions and activation of the fire on this sector it will be operated with the airplane for firefighting from Directorate for protection and rescue.