



Norwegian Financial Mechanism 2014-2021



Project: Extension of the Communication Infrastructure of Mol
Beneficiary: Communication and Information Systems Directorate,
Ministry of Interior



Extension of the Communication Infrastructure of Mol

The project is funded by the Norwegian Financial Mechanism 2014-2021

Operational Programme: Home Affairs

Priority Axis: Improved capacity of law enforcement agencies in crime prevention and investigation

Code of the procedure: BGHOMEAFFAIRS-2.001

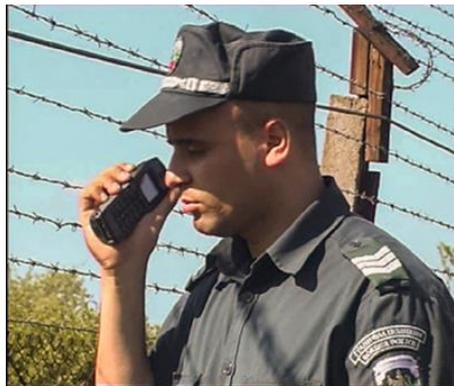
Beneficiary: Communication and Information Systems Directorate,
Ministry of Interior

Project Budget: 1 400 000 euro

Duration: 24 months

Extension of the Communication Infrastructure of Mol

The implementation of the project contributes to the prevention and counteraction of:



- Cross-border trafficking of economic migrants to settle in Central and Northern Europe;
- Cross-border trafficking of foreign nationals seeking better payment, passing through Greece to the Nordic countries;
- Cross-border trafficking of synthetic drugs and heroin;
- Human trafficking for the purpose of labour exploitation;
- Pregnant women trafficking for selling their newborn babies;
- Women trafficking for sexual exploitation and sex tourism;
- Illegal immigrants in the Schengen area.



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Extension of the Communication Infrastructure of Mol

The objectives of the project for providing better radio coverage of the TETRA system along the Bulgarian-Greek border and in particular the regions of Blagoevgrad district (the towns of Bansko and Gotse Delchev) and Smolyan district (the town of Dospat) have been achieved, as well as the following results for improvement of:

- Coordination between national law enforcement authorities in the implementation of specialized police operations;
- Access to Schengen Information System for regional police and border police stations;
- Information exchange and protection;
- Providing new services over the network;



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- Improving the conditions for interaction between the reacting structures engaged in ensuring public order and protecting the population;
- Multiplying effect of the European funds invested in the TETRA system so far;
- The widest possible range of users to be included in order to improve interaction and reduce overall communication costs (Police, Border Police, Fire Safety, Ambulance).



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All project indicators have been achieved:

- The coverage of the TETRA system of the Ministry of Interior in Blagoevgrad district has been extended - up to 60%;
- The percentage of coverage of the TETRA system of the Ministry of Interior in Smolyan district has been extended - up to 80%.
- New 6 TETRA Base Stations have been delivered and installed (including hardware, software, microwave equipment, construction, installation and integration);
- Technical staff has been trained for operation and maintenance of the communication infrastructure - 15 employees.



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Sites used for the installation of the equipment are located at typical heights from where it is possible to provide the project radio coverage.

CISD-Mol uses these sites on the basis of agreements for joint use of facilities and premises concluded with mobile operators.

The sites are located mostly in hard-to-reach and high mountain areas.

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Microwave sites
have been built:

- Orelyak;
- Perelik.



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In addition to the main equipment at all sites is installed supplementary equipment, such as video surveillance, alarm systems, switches, and fire detectors.





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Reservation of the data transmission network (DTN) and TETRA coverage to the Ilinden border checkpoint has been ensured.



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The newly built sites are connected to the existing sites of the TETRA network:

- Igralishte;
- Snezhanka.



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Site: Dospat



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Site: Iinden
border
checkpoint



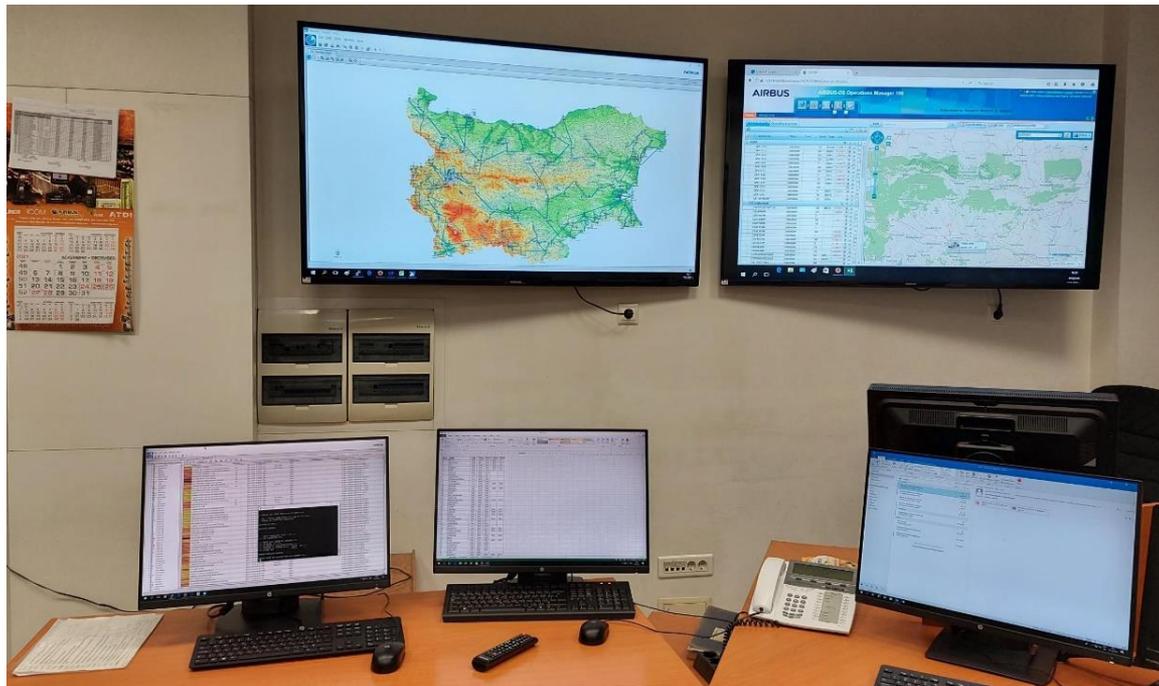
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Site: Gotse Delchev



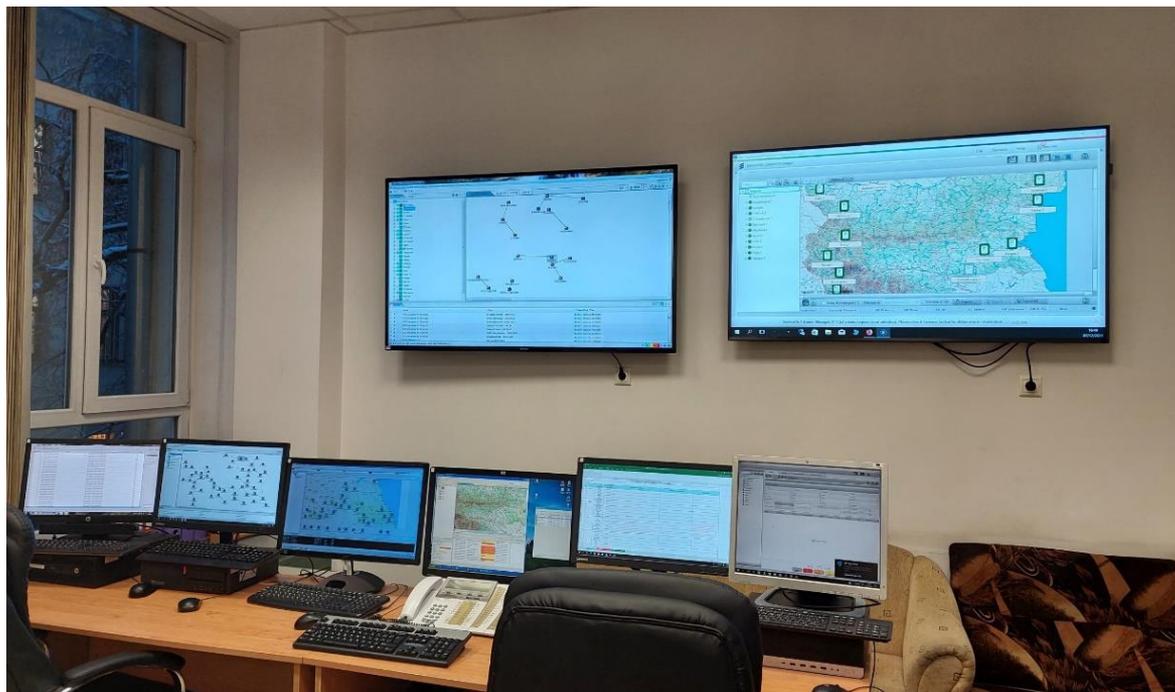
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TETRA Network Monitoring Centre



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Microwave Network Monitoring Centre



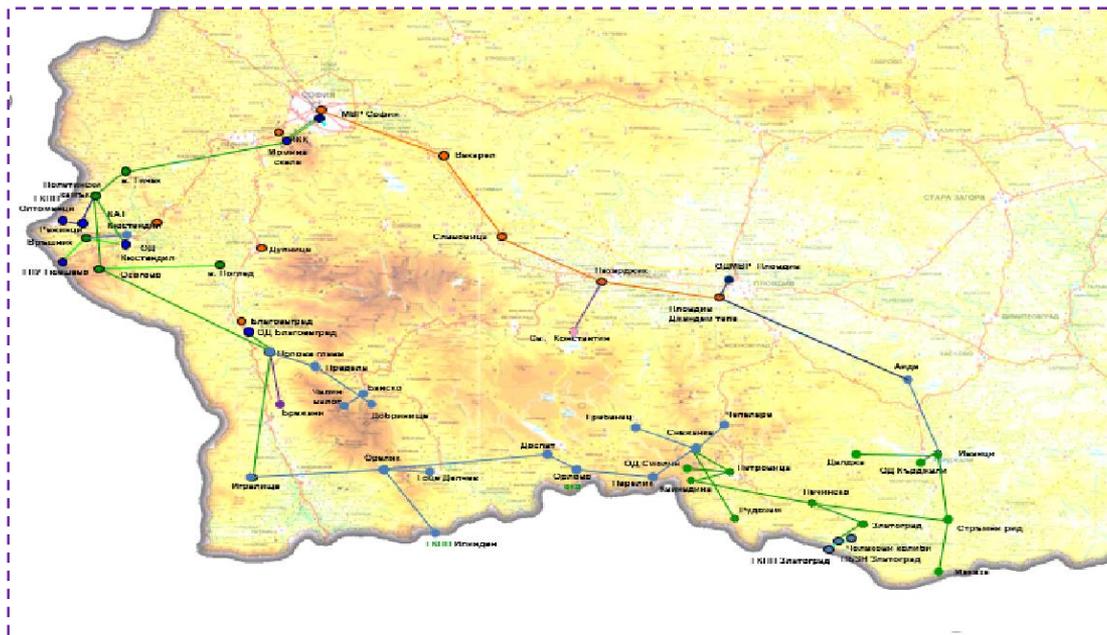
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Implemented activities under the project

No	Name	Units	Parameters
1	TETRA Base Stations	6	2 TTRX
2	Microwave Links	9	155 Mbps
3	Technical staff training	15	

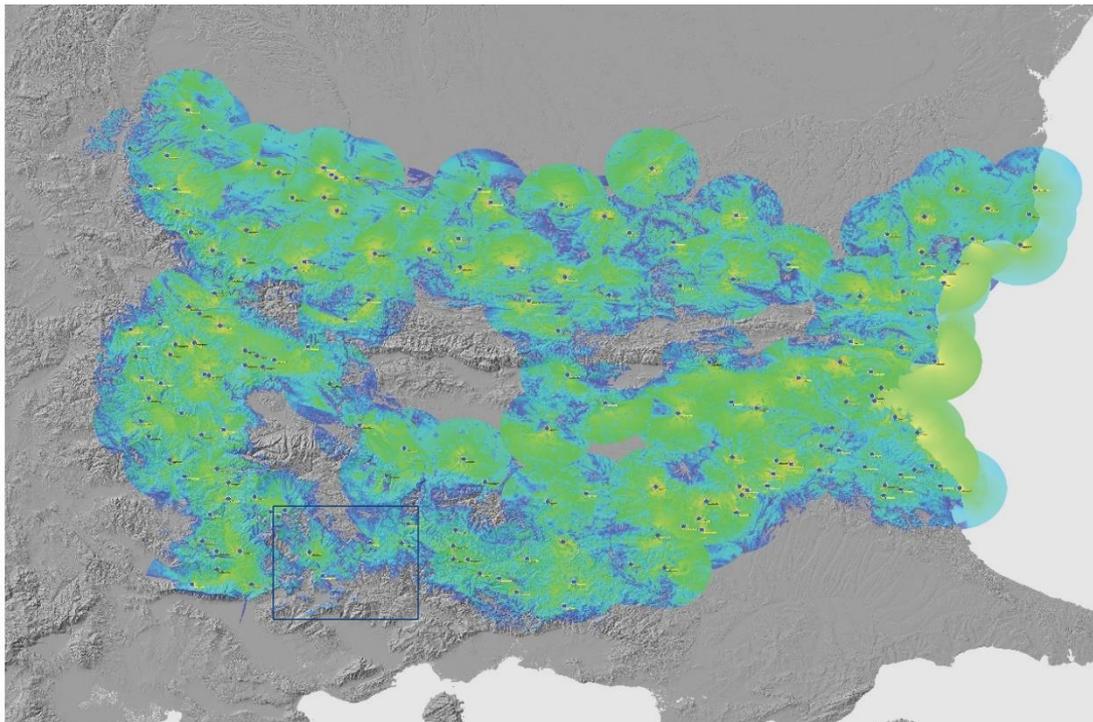
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With the implementation of the project the reservation of the microwave network environment in South-West Bulgaria has been achieved and a ring structure has been created.



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Radio coverage of the TETRA system of the Ministry of Interior



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Thank you for your attention!