Initiative 1.
Public Private Partnerships for connecting rural settlements to Broadband Internet.
CURRENT SITUATION

ANOCTI
123%
Mobile Telephony Penetration

ANOCTI
98%
3G coverage

ANOCTI
33%
4G coverage

OOOKLA
11/16
Ratings on medium speed of Internet

ANOCETI
Up to 70%
Access to Internet
1) General Indicators of Information Society development are very good and this is a result of market liberalization, legal and policy framework harmonization with EU.

2) For further development and reducing digital divide at national level, National Strategy for information society development "Digital Moldova 2020" states that all localities should have **access to an optical fiber presence point** by 2020.

3) Up to now - 71 localities (8.3%) out of 848 with town halls and 520 localities (33.9%) out of total number of 1534 have no access to high speed electronic services, which means 7% of total population.
THE CAUSES OF LACK BROADBAND ACCESS

- The large distance to the nearest point of access to broadband Internet;
- The low number of inhabitants;
- To extended period of investment return.

Number of localities critically requiring access to broadband networks - 120
• Backbone network connection is matched by foreign sources.
• Access network is financed by local sources (local budget, inhabitants contribution, other sources).
Town hall (local authority) is owner of the network.

Options to provide network sustainability:
1. Existing telecom operator manages the local network and pay network access fee to town hall.
2. Local operator is created by the town hall which will manages network, buying services from a national operator.
1. Identifying support for consultancy services in order to define the economical model of the PPP and technical solutions for providing access to networks;

2. Attracting potential supporters and/or investors in cabling most disadvantaged localities.
Initiative 2.
Creation of 112 Service in the Republic of Moldova
Existing modern communication networks and information resources, as well as other technological innovations are not used at necessary capacities in emergency communications.
Emergency Medical Assistance
84 points

Police
43 inspectorates

Firefighters
43 subunits
Law no. 174 on the organization and functioning of the Single National Service for 112 emergency calls was adopted on 25.07.2014, following the EU-Moldova Association Agreement provisions (Annex XXVIII-B Rules applicable to telecommunication services) as well as EU legislation in this regard.

Accordingly to this law, Ministry of ICT, with support of NIB defined a feasibility Study on 112 Service creation and drafts of necessary package of regulatory documents which are almost ready to be presented to the Government for adoption.

But current budgetary constraints put under risks the creation of the 112 Service in terms defined by the Law.
Advantages of Service 112 implementation:

• Efficient implementation and use of automated information systems
• New methods of data communication and transfer
• Instant access to truthful information and integration with the existent information databases
• Possibility to make calls from any place in the country
• Possibility to locate the caller
• Traceability of calls and data storage
INTEGRATED INFORMATION SPACE OF SERVICE 112

- Geo-informational sub-system
- Calls receiving and processing sub-system
- Maintenance and decision-taking sub-system
- Connection and data retransmission sub-system
- Database sub-system
- State Register of population
- National geographic information system
- State Register of legal entities
- State Register of vehicle drivers
- State Register of vehicles

Database sub-system
Service 112

Emergency call

112 SOS

3-5 sec

Operative intervention

3-5 sec

Mobile team

Interaction dispatcher – mobile team

20 sec

Processed data transfer to dispatchers’ bureaus

30 sec

ESS territorial dispatchers’ bureaus

Intervention outcome

TYPICAL RESPONSE SCHEME IN CASE OF EMERGENCY SITUATIONS
1. Identifying alternative potential donors and/or donors for creation of the National Service 112 for Emergency Calls