Regional approaches to Broadband Mapping in Eastern Partnership Countries

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EaP | Eastern Partnership

REPORT- Guidelines on broadband mapping for EaP countries WBG/UKE/IRB EWG
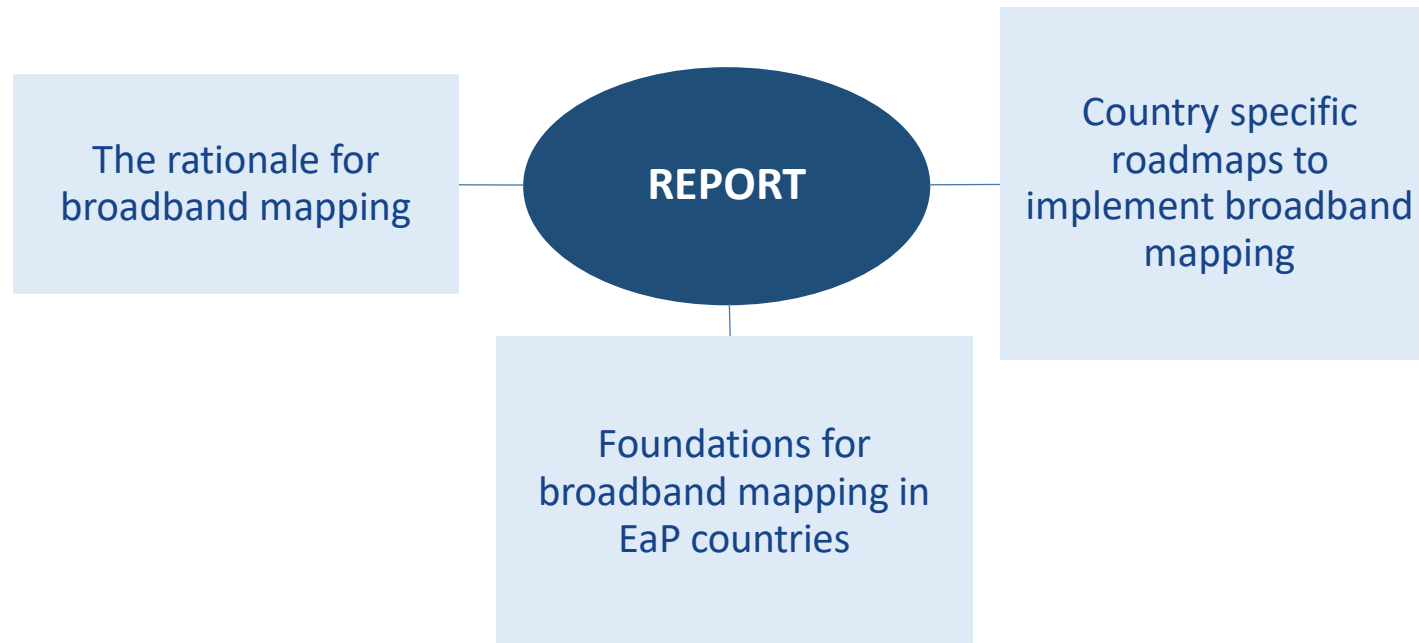
The rationale for broadband mapping

REPORT

Country specific roadmaps to implement broadband mapping

Foundations for broadband mapping in EaP countries

RECOMMENDATIONS ON IMPROVEMENT OF LEGAL FRAMEWORK

- define and ensure the protection of critical infrastructure,

- introduce cybersecurity standards in the context of critical infrastructure,

- include obligation of **data collection** for broadband mapping purposes and to ensure their enforcement,

- evaluate the degree of data confidentiality to make sure the collected data is not misused.

- to set up the rules of collaboration with other public institution and national agencies, that may facilitate the task of mapping initiatives by supplying the data in formats that can be processed easily and free of charge as well as free of bureaucratic barriers;

- to ensure that stakeholders and operators are aware of the activities which take place in relation to broadband mapping;

- to regularly revise the legal framework to make sure effectiveness of NRA activities.

RECOMMENDATIONS ON IMPROVEMENT OF INSTITUTIONAL FRAMEWORK

IMPLEMENTATION METHOD

- Except for Georgia, where in-house approach was recommended, conclusions of the Report recommend a hybrid approach:
  - Development of system by outsourced company, while
  - Defining requirements and managing the system by the NRA.

RECOMMENDATIONS FOR STUFF AND SKILLS AND COSTS

Staff and Skills:

1 project manager;

1 telco expert;

1 GIS experts;

1 legal advisor

1 tester.

Costs: Experts estimated the projects value using the project value of a similar project and the indicator GDP (gross domestic product per capita):

Country	Estimated value of the broadband mapping project, EUR	GDP per capita, 2018
BE	1 002 060	20003
AZ	905 526	18076
GE	575 347	11485
AM	509 772	10176
UA	465 036	9283
MD	365 948	7305

- usage of spatial data in regulatory environment and the GIS fundamentals were presented;

- insights on how to develop their own broadband service map using open-source applications and data available in each of their countries;

- participants agreed to further analyze and implement several recommendations.

OUTCOMES
of
TAIEX WORKSHOP
4-6 November

Future plans

- Distinct Workshop on how to build a map (layers) and perform relevant analysis by importing data to the QGIS software needs to be further organized in F2F format so that the country representatives have the possibility to practice the system using their own publicly available data;

- Workshop on critical infrastructure and cybersecurity – mid January

- Joint EaPeReg/EMERG Workshop on ANACOM's bb mapping system and SIP

- Cooperation with ITU on the project aimed at Supporting Investment Opportunity Mapping Systems in Broadband Infrastructure for South Eastern Europe taking into account requirements from regional harmonization efforts carried out by the European Union and Body of European Regulators for Electronic Communications (BEREC).

Thank you for your attention!

Q&A

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