



Stocktaking of Broadband Mapping Systems in the 46 Countries of Europe Region

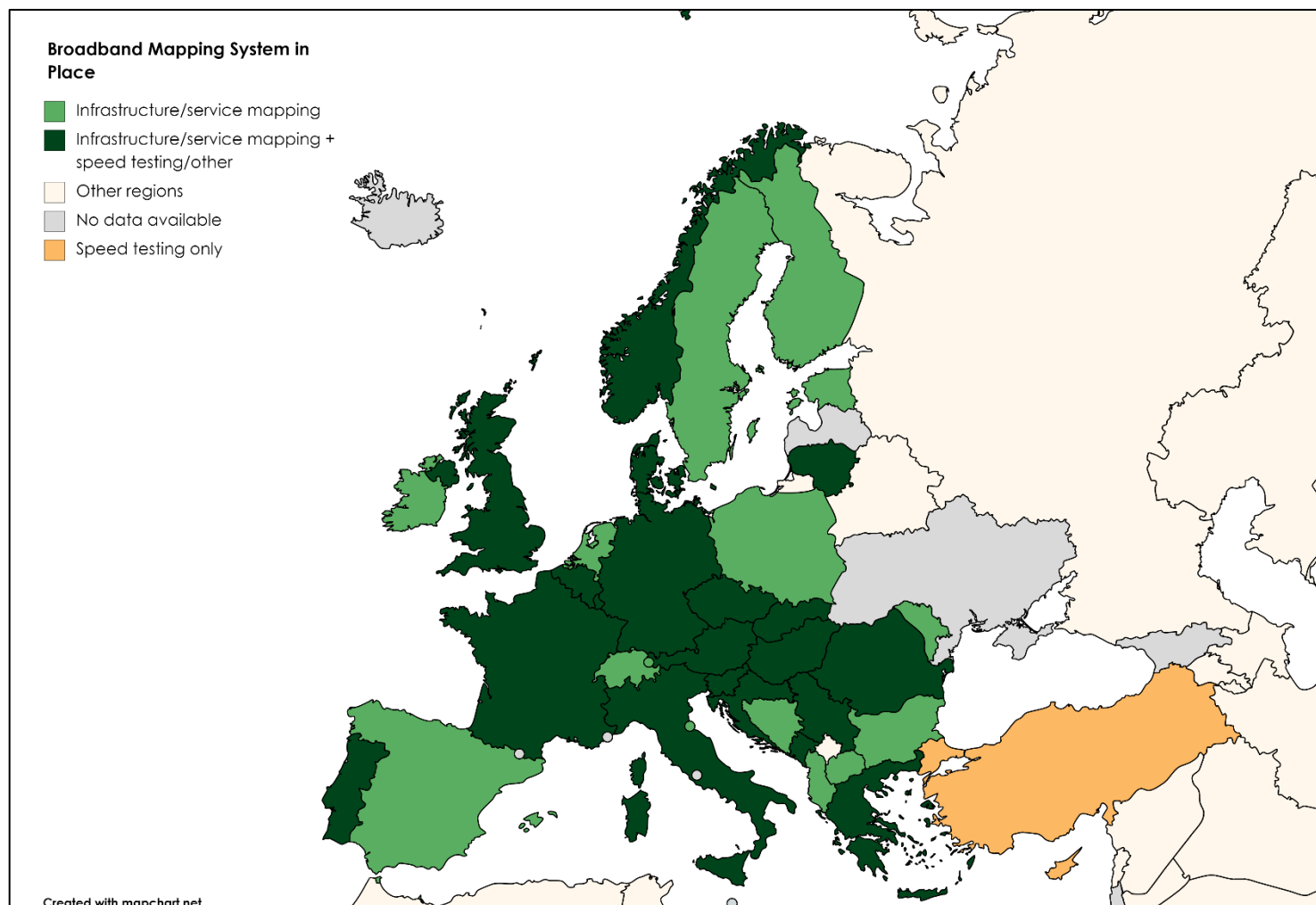
ITU Regional Initiative for Europe on
Broadband Infrastructure, Broadcasting and Spectrum Management



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Broadband Mapping Systems in Europe



This repository is developed within the framework of the **ITU Regional Initiative for Europe on Broadband Infrastructure, Broadcasting and Spectrum Management** adopted by the ITU World Telecommunication Development Conference 2017 (WTDC-17), that amongst others aims at fostering harmonization of approaches across the region in matter of broadband infrastructure mapping.

In fulfilment of the Regional Initiative, the ITU Workshop on **“Mapping Broadband Infrastructure and Services”** <https://www.itu.int/en/ITU-D/Regional-Presence/Europe/Pages/Events/2019/Mapping/ICT-Infrastructure.aspx>) held in Poland on 2 and 3 July 2019 identified the need of strengthening the European dataset on Broadband Mapping.

In addition, the effort contributes to the achievement of SDG 9, and in particular Target 9.1 *“Develop quality, reliable, sustainable and resilient infrastructure, including regional and transborder infrastructure, to support economic development and human well-being, with a focus on affordable and equitable access for all”* as well as Target 9.C *“Significantly increase access to information and communications technology and strive to provide universal and affordable access to the Internet in least developed countries by 2020”*.

Below is a preliminary list of mapping systems across all 46 countries covered by the ITU Office for Europe.

ITU Member State	Organization in Charge	Mapping System in Place	Type
Albania	Electronic and Postal Communications Authority (AKEP)	AKEP Atlas	Infrastructure/Service Mapping
Andorra	Andorra Telecom, S.A.U.	N/A	N/A
Austria	Federal Ministry for Transport, Innovation and Technology	Breitband Atlas.at	Infrastructure/Service Mapping
Austria	Austrian Regulatory Authority for Broadcasting and Telecommunications (RTR)	RTR NetTest	Speed testing
Belgium	Institut Belge des Services Postaux & des Télécommunications (IBPT)	Mobile (https://www.bipt-data.be/fr/projects/atlas/mobile) and Landline	Infrastructure/Service Mapping

		(https://www.bipt-data.be/en/projects/atlas/landline) Atlas	
Belgium	Institut Belge des Services Postaux & des Télécommunications (IBPT)	KLIM-CICC	Infrastructure Mapping
Bosnia and Herzegovina	Communications Regulatory Agency (RAK)	Geoportal	Infrastructure/Service Mapping
Bulgaria	Ministry of Transport, Information Technology and Communications	Single Information Point	Infrastructure/Service Mapping
Croatia	Croatian Regulatory Authority for Network Industries (HAKOM)	HAKOMetar Plus	Speed testing
Croatia	Croatian Regulatory Authority for Network Industries (HAKOM)	Interactive GIS Portal	Infrastructure/Service Mapping
Cyprus	Office of the Commissioner of Electronic Communications & Postal Regulation (OCECPR)	N/A, new system planned in line with EECC	N/A
Cyprus	Office of the Commissioner of Electronic Communications & Postal Regulation (OCECPR)	cynetest	Speed testing
Czech Republic	Czech Telecommunications Office (CTU)	NetMetr	Speed testing
Czech Republic	Czech Telecommunications Office (CTU)	Coverage Map	Infrastructure/Service Mapping
Denmark	Danish Energy Agency (DEA)	Tjekditnet	Infrastructure/Service Mapping and Speed Testing
Estonia	Estonian Consumer Protection and Technical Regulatory Authority (TTJA)	Netikaart.ee	Infrastructure/Service Mapping

Finland	Finnish Transport and Communications Agency (TRAFICOM)	MONITORi	Infrastructure/Service Mapping
Finland	Finnish Transport and Communications Agency (TRAFICOM)	Verkkotietopiste	Investment/Infrastructure Sharing Mapping
France	Autorité de Régulation des Communications électroniques et des Postes (ARCEP)	CarteFibre	Infrastructure/Service Mapping
France	Autorité de Régulation des Communications électroniques et des Postes (ARCEP)	MonReseauMobile	Speed testing
Georgia	Georgian National Communications Commission (GNCC)	N/A, new system planned	N/A
Germany	Federal Network Agency for Electricity, Gas, Telecommunications, Post and Railway (BNetzA)	Infrastruktur Atlas (restricted access)	Investment/Infrastructure Sharing Mapping
Germany	Federal Network Agency for Electricity, Gas, Telecommunications, Post and Railway (BNetzA)	Breitband messung and https://www.breitband-monitor.de/infrastrukturatlas/uebersichtskarte-leitungslaengen for infrastructure	Speed testing
Germany	Federal Ministry for Economic Affairs and Energy	Breitbandatlas	Infrastructure/Service Mapping
Greece	Ministry of Digital Policy, Telecommunications & Media	Geographical System of Broadband	Infrastructure/Service Mapping
Greece	Ministry of Digital Policy, Telecommunications & Media	Hyperiontest	Speed testing
Hungary	Governmental Information-Technology Development Agency	Superfast Internet Program Office	N/A
Hungary	National Media and Infocommunications Authority (NMHH)	Szelessav	Speed testing
Iceland	Post and Telecom Administration (PTA)	N/A	N/A

Ireland	Department of Communications, Climate Action and Environment (DCCA)	High Speed Broadband Map	Infrastructure/Service Mapping
Israel	Ministry of Communications	N/A	N/A
Italy	Autorità per le Garanzie nelle Comunicazioni (AGCOM)	Agcom Broadband Map	Infrastructure/Service Mapping
Italy	Autorità per le Garanzie nelle Comunicazioni (AGCOM)	Sinfì Portal	Investment/Infrastructure Sharing Mapping
Italy	Ministry of Economic Development	MisuraInternet	Speed testing
Latvia	Electronic Communications Office	N/A	N/A
Liechtenstein	Office for Communications (LLV)	LKW	Infrastructure/Service Mapping
Lithuania	Communications Regulatory Authority (RRT)	Matavimai	Mobile Coverage and Throughput testing
Lithuania	Communications Regulatory Authority (RRT)	Matuok	Speed testing
Lithuania	Communications Regulatory Authority (RRT)	geoportal.lt	Infrastructure/Service Mapping
Luxembourg	Institut Luxembourgeois de Régulation (ILR)	map.geoportail.lu	Infrastructure/Service Mapping
Luxembourg	Institut Luxembourgeois de Régulation (ILR)	Chekmynet	Speed testing
Malta	Malta Communications Authority (MCA)	N/A, new system planned in line with EECC	N/A

Moldova	National Regulatory Agency for Electronic Communications and Information Technology (ANRCETI)	Development of broadband services at fixed points in the administrative-territorial unit	Service Mapping (statistics)
Monaco	Direction du Développement des Usages Numériques	N/A, new system planned	N/A
Montenegro	Agency for Electronic Communications and Postal Services (EKIP)	Nettest EKIP	Speed testing
Montenegro	Agency for Electronic Communications and Postal Services (EKIP)	EKI	Infrastructure/Service Mapping
Netherlands	Authority for Consumers and Markets (ACM)	Breedband Atlas	Infrastructure/Service Mapping
Netherlands	Ministry of Economic Affairs and Climate Policy	Arcgis	Service Mapping
North Macedonia	Agency for Electronic Communications (AEK)	Geoportal (not publicly available)	Infrastructure/Service Mapping
Norway	Norwegian Communications Authority (NKOM)	Not publicly available	Infrastructure/Service Mapping
Norway	Norwegian Communications Authority (NKOM)	Nettfart.no	Speed testing
Poland	Office of Electronic Communications (UKE)	PIT (Single Information Point)	Infrastructure Mapping
Poland	Office of Electronic Communications (UKE)	Broadband search engine	Service Mapping
Portugal	Autoridade Nacional de Comunicações (ANACOM)	Sistema de Informação de Infraestruturas Aptas (SIIA)	Infrastructure/Service Mapping
Portugal	Autoridade Nacional de Comunicações (ANACOM)	Netmede	Speed testing

Romania	National Authority for Management and Regulation in Communications of Romania (ANCOM)	Mobile (https://www.aisemnal.ro/home) and Fixed (https://statistica.ancom.ro/sscpds/public/serviceCoverage#gmap) BB coverage	Infrastructure/Service Mapping
Romania	National Authority for Management and Regulation in Communications of Romania (ANCOM)	Netograf	Speed testing
San Marino	Telecommunication Sector - Department of Economy	Estensione Territoriale FTTH	Infrastructure/Service Mapping (not georeferenced)
Serbia	Regulatory Agency for Electronic Communications and Postal Services (RATEL)	RATEL NetTest	Speed testing
Serbia	Regulatory Agency for Electronic Communications and Postal Services (RATEL)	EKI (not publicly available)	Infrastructure/Service Mapping
Slovakia	Regulatory Authority for Electronic Communications and Postal Services	RU Mobil Test	Speed testing
Slovakia	Regulatory Authority for Electronic Communications and Postal Services	Not publicly available	Infrastructure/Service Mapping
Slovenia	Agency for Communication Networks and Services of the Republic of Slovenia (AKOS)	AKOS Geoportal	Infrastructure/Service Mapping
Slovenia	Agency for Communication Networks and Services of the Republic of Slovenia (AKOS)	AKOS Infrastructure Investment Portal	Investment Mapping
Slovenia	Agency for Communication Networks and Services of the Republic of Slovenia (AKOS)	AKOS Test Net	Speed testing
Spain	Secretaría de Estado para la Sociedad de la Información y la Agenda Digital	Mapa de Cobertura de Banda Ancha	Infrastructure/Service Mapping
Sweden	Swedish Post and Telecom Authority (PTS)	Bredbandskartan	Infrastructure/Service Mapping

Switzerland	Office fédéral de la communication (BAKOM)	Broadband atlas	Infrastructure/Service Mapping
Turkey	Information and Communication Technologies Authority (ICTA)	Nperf	Speed testing
Ukraine	Ministry of Digital Transformation of Ukraine	The presence of fiber optics in populated areas	Infrastructure Mapping (Statistics)
United Kingdom	Office of Communications (OFCOM)	UK Broadband Coverage and Speed Result Map	Service mapping/Speed testing
United Kingdom	Office of Communications (OFCOM)	Connected Nation Report 2020	Infrastructure mapping/Service mapping
Vatican	Governatorato Secrétariat général	N/A	N/A