Dimension 1: Open Data Policy

Please note that this section differentiates between open data policy and open data strategy. Whereas a policy in the sense referred to here can be the transposition of the PSI Directive into national legislation, a strategy refers to a document outlining the concrete vision, mission, objectives, measures to be implemented, timeline and responsible. An open data strategy would ideally include information on the open data governance structure and operating model.

Please fill out all the questions by selecting the answer option by marking it with an "x" in the boxes. If applicable, please provide additional information in the grey text box containing "Please fill your answer here".

Question	Answer options

1.1 Policy framework

1   **Is there an open data policy in your country?**

x	yes
	no
	other

o If yes, please provide the URL and title of the policy document and briefly describe.
o If 'other', please provide a brief explanation to support your answer choice and provide the URL and indicate the policy section which explicitly references open data.

> https://e-gov.bg/wps/portal/agency/home/data/opendata/opendata-legal/opendata-legal-national
> *The policy has been included in the Access to Public Information Act and the Ordinance on the standard terms and conditions for public sector information reuse and its publishing in open format, containing specific provisions regarding publishing and reuse of public information in open format. The Act and the Ordinance settle the social relationships regarding the right of access to public information, as well as the reuse of the public sector information.*
> *Second Action Plan of the Republic of Bulgaria under the "Open Government Partnership":*
> *http://www.strategy.bg/Articles/View.aspx?lang=bg-BG&categoryId=&Id=15&y=&m=&d*
> *Third Action Plan of the Republic of Bulgaria under the "Open Government Partnership":*
> *http://www.strategy.bg/PublicConsultations/View.aspx?lang=bg-BG&Id=2130*
> *The Fourth Action Plan of the Republic of Bulgaria under the "Open Government Partnership" is under preparation.*
> *http://www.strategy.bg/Articles/List.aspx?lang=bg-BG&categoryId=17*
> *National Reform Program 2020 of the Republic of Bulgaria:*
> *http://www.strategy.bg/StrategicDocuments/View.aspx?lang=bg-BG&Id=762*
> *A draft of Digital Bulgaria 2025 and the Roadmap:*
> *http://www.strategy.bg/PublicConsultations/View.aspx?lang=bg-BG&Id=3399*
> *https://www.mtitc.government.bg/bg/category/85/nacionalna-programa-cifrova-bulgariya-2025-i-putna-karta-kum-neya-sa-prieti-s-rms-no-730-ot-5-dekemvri-2019-godina*

2   **Is there an open data strategy in your country?**

x	yes
	no
	not applicable

o If yes, please provide the URL to the strategy and describe the main highlights.
o If 'not applicable', please provide a brief explanation to support your answer choice and provide the URL and indicate the policy section which explicitly references objectives, actions/measures, delivery timelines etc.

http://www.strategy.bg/StrategicDocuments/View.aspx?Id=892
Strategy for Development of Electronic Governance in the Republic of Bulgaria 2014-2020
Roadmap for the implementation of the Strategy for Development of Electronic Governance in the Republic of Bulgaria for the period of 2016-2020
http://www.strategy.bg/StrategicDocuments/View.aspx?lang=bg-BG&Id=891
Strategy for Development of the State Administration 2014-2020
Roadmap for the implementation of the Strategy for Development of the State Administration 2015-2020

Bulgarian Open Data Strategy is developed in details in several layers of strategic documents, all of them quoted in the justification section of the previous question:
1. National documents on good governance and development of the central administration;
2. National documents on sustainable governance;
3. National plans for compliance with the strategy Europe 2020.
In particular, the Bulgarian Open Data Strategy is part of the Strategy for Development of the State Administration 2014-2020 - Strategic Objective Open and accountable governance; Roadmap for the implementation of the Strategy for Development of the State Administration 2015-2020 - Key priority: Developing the Open Government Partnership Initiative and publishing available public information in an open format.
STRATEGIC GOAL 3. OPEN AND RESPONSIBLE MANAGEMENT
3.1. Improving data sharing and public awareness, opening data
https://www.strategy.bg/StrategicDocuments/View.aspx?lang=bg-BG&Id=891

3   **Has this strategy/policy been updated in the past 24 months?**   **x**   yes   no

o If yes, please briefly describe the main changes.

https://e-gov.bg/wps/portal/agency/home/data/opendata/opendata-legal/opendata-legal-national
New List of priority datasets was adopted in 2020 - Decision No. 435 of the Council of Ministers of 03 July 2020 on the adoption of a List of data sets by priority area to be published in open format on the Open Data Portal where the new data sets are 30.

Updated National Reform Program 2020 of the Republic of Bulgaria:
http://www.strategy.bg/StrategicDocuments/View.aspx?lang=bg-BG&Id=762

Updated strategy for development of e-government in the Republic of Bulgaria
https://www2.e-gov.bg/bg/news/133
http://www.strategy.bg/StrategicDocuments/View.aspx?Id=892
An updated strategy ensures the implementation of the current European principles of e-government, introduced at national level, and builds on the implementation of the objectives after 2018. This Strategy serves as a framework on the basis of which the policy strategies will be created by the relevant administrative bodies and their administrations. The Roadmap for its implementation has also been updated, taking into account the progress made in the implementation of the priorities set so far, as well as the agreements, partnerships and opportunities reached by the administration and its partners for further actions.

4   **Does the strategy/policy include an action plan with measures to be implemented in the open data field?**   **x**   yes   no

o If yes, please briefly describe the main measures described by the action plan.

Establish measures for:
o Amendments in the existing legal framework (APIA and relative Ordinance);
o Appoint responsible persons (data officers) from each public body for opening and monitoring the usage of their own data;
o Support public bodies to define their data which to be provided in an open machine readable format;
o Issue guidelines for defining the structure and content of datasets and metadata;
o Motivate public bodies to prioritize datasets and to publish in maximum details high value datasets;
o Develop a channel of communication between public bodies and re-users;
o Increase citizens' awareness;
o Initiate activities to explore the opinion of the potential users of the open data portal and promote the portal and priority datasets;
o Create a forum/working group with all stakeholders in open data process to engage data community
o Create mechanism for benchmarking of data openness and maturity on national level;
o Conduct a pilot project for cooperation among institutions for measuring the re-use;
o Take action to ensure that consumers are confident about the timeliness of the information by introducing mandatory binding of categories of information in the list within the meaning of Article 15a p.3 of APIA with active links to the place of their publication;
o Develop and validate internal rules / procedures for the maintenance and operation of the Open Data Portal

5   **Does the strategy/policy outline measures to incentivise the publication of and access to real-time or dynamic data?**   **x**   yes   no
o If yes, please briefly describe.

Under the eGovernment Act in Article 58a lays down mandatory requirements for the implementation of automated interfaces for ensuring free public access to electronic documents, information and data in a machine-readable format, including through publication in the open data portal, in accordance with the Public Information Access Act to projects and actions in the field of eGovernment. Details are set out in Article 15 of the Ordinance on the general requirements for information systems, registers and electronic administrative services.

According to Art. 15d. from Access to public information act (amend. State Gazette 17/26 Feb 2019) the State Agency "Electronic government" shall create and maintain a portal for open data. The obligation has to be defined further with an ordinance, adopted by the Council of Ministers - Ordinance on the standard terms and conditions of public sector information reuse and its open format publishing on the Open Data Portal.
Art. 7 of the Ordinance reaffirms the implementation of the APIs in the process of publication of data on behalf of the public sector bodies.

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6 **Does the strategy/policy outline measures to support the re-use of open data by the public sector?** | **x** | **yes** |
| | **no** |

o If yes, please briefly describe.

Each public sector body shall annually plan the phased publication on the Internet in an open format of the data sets and resources it maintains, access to which is free. The executive authorities shall include in the annual activity objectives of the relevant administration under Article 33a of the Administration Act aims to ensure the phased publication on the Internet of the data and resources included in the Lists of annual priority data sets.

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7 **Does the strategy/ policy outline measures to support the re-use of open data by the private sector?** | **x** | **yes** |
| | **no** |

o If yes, please briefly describe.

The Open Government Partnership is a multilateral initiative aimed at securing concrete commitments by governments to promote transparency, empower citizens, fight corruption and use new technologies to strengthen governance.There are four reports to measure the progress of the Initiative.
http://www.strategy.bg/Articles/List.aspx?lang=bg-BG

8a **Does the strategy/policy mandate carrying out and maintaining a data inventory by public bodies, whether at national or local levels?** | **x** | **yes** |
| | **no** |

o If yes, please briefly describe.

According to Art. 15a. from Access to public information act
Publication on the Internet
Each head of an administrative structure as per Article 15 Paragraph (1) shall make public on an annual basis a list of the categories of information publishable on the Internet regarding the areas of operation of the relevant administration as well as the formats in which such information is accessible.
Examples:
https://crc.bg/files/15ZDOI_17.02.2020.pdf
https://www.minfin.bg/bg/1121
https://earbd.bg/indexdetails.php?menu_id=80&elem_id=1618
https://new.riewpz.org/upload/file/zdoi/altualiziran_spisak_kategorii%20Inf_chl.15a_al3_zdoi.pdf
http://rilanationalpark.bg/assets/userfiles/%D0%92%D0%AA%D0%A2%D0%A0%D0%95%D0%A8%D0%9D%D0%98%20%D0%9F%D0%A0%D0%90%D0%92%D0%98%D0%9B%D0%90/%D0%A1%D0%BF%D0%B8%D1%81%D1%8A%D0%BA%20%D0%BD%D0%B0%20%D0%BA%D0%B0%D1%82%D0%B5%D0%B3%D0%BE%D1%80%D0%B8%D0%B8%D1%82%D0%B5%20%D0%B8%D0%BD%D1%84%D0%BE%D1%80%D0%BC%D0%B0%D1%86%D0%B8%D1%8F%2C%20%D0%BF%D0%BE%D0%B4%D0%BB%D0%B5%D0%B6%D0%B0%D1%89%D0%B0%20%D0%BD%D0%B0%20%D0%BF%D1%83%D0%B1%D0%BB%D0%B8%D0%BA%D1%83%D0%B2%D0%B0%D0%BD%D0%B5%20%D0%B2%20%D0%B8%D0%BD%D1%82%D0%B5%D1%80%D0%BD%D0%B5%D1%82.pdf
http://www.breznik.info/index.php?option=com_content&view=article&id=818&Itemid=68
https://www2.aop.bg/wp-content/uploads/2020/02/Zapoved_PD_9_14022020.pdf

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8b **If yes, do these data inventories also include the data collected by public bodies that cannot be published as open data?** | **x** | **yes** |
| | **no** |

o If yes, please briefly describe.

They included part of information like legislative acts, organogams and other information is public information but is not public sector information for re-use.Indeed the provision of public sector information to a public sector body in connection with the implementation of the powers or functions thereof shall not constitute re-use within the meaning given by the Access to Public Information Act.The list of categories of information in Internet contains both types of information.

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9 **Have high-value domains and/ or data sets been identified and prioritised for publication in your country?** | **x** | **yes** |
| | **no** |
| | **not applicable** |

o If yes, which are these domains / data sets?

Please mark the domains below.

If the list refers to data sets, please map the data sets to their respective domains below.

Please mark the domains below abd map the data sets to their respective domains.

Data category	X	Data set name
Agriculture, fisheries, forestry, food	x	List of sites for the purchase of wild mushrooms and/or berries (https://data.egov.bg/data/resourceView/0645ecfb-c44c-4579-8282-ee57dbc6c8b5)
Education, culture and sport	x	6
Environment	x	Register of issued permits for use of surface waters and water bodies according to the Water Act (https://data.egov.bg/organisation/dataset/41c7299f-7bc5-41f6-a472-f92299a8d514)
Energy	x	Register of existing concessions for extraction of mineral resources (https://data.egov.bg/data/resourceView/52a85f74-0c67-47c5-8726-b398f90df621)
Transport	x	Registered vehicles (https://data.egov.bg/organisation/c3305229-9a50-48de-99c9-2e1028e8eb8b/datasets)

Science and technology		x	Register of persons performing maintenance, repair and reconstruction of high-risk facilities (https://data.egov.bg/data/resourceView/b7b53704-400b-487c-a0ca-f6eb80a08bdb)
Economy and finance		x	Commercial register (https://data.egov.bg/organisation/b93a0a74-4f8d-430a-884c-35e68c2d05b8/datasets)
Population and social conditions		x	Population by sex, residence, districts and municipalities (https://data.egov.bg/data/view/56d643bf-60cb-48a7-843a-079e5e213c0f)
Government, public sector		x	Information on amendments to public procurement contracts or framework agreements during their implementation (https://data.egov.bg/organisation/dataset/b97eec73-e091-47c5-a1c7-582d38d1758d)

Health		x	Register of medical establishments for primary outpatient dental care (https://data.egov.bg/data/view/%D0%A0%D0%B5%D0%B3%D0%B8%D1%81%D1%82%D1%8A%D1%80%20%D0%BD%D0%B0%20%D0%BB%D0%B5%D1%87%D0%B5%D0%B1%D0%BD%D0%B8%D1%82%D0%B5%20%D0%B7%D0%B0%D0%B2%D0%B5%D0%B4%D0%B5%D0%BD%D0%B8%D1%8F%20%D0%B7%D0%B0%20%D0%B8%D0%B7%D0%B2%D1%8A%D0%BD%D0%B1%D0%BE%D0%BB%D0%BD%D0%B8%D1%87%D0%BD%D0%B0%20%D0%BF%D0%BE%D0%BC%D0%BE%D1%89%20%D0%B8%20%D1%85%D0%BE%D1%81%D0%BF%D0%B8%D1%81%D0%B8%D1%82%D0%B5)
Regions, cities		x	Register of categorized restaurants and accommodation (https://data.egov.bg/data/resourceView/36a01ef4-7dbc-40b7-b31e-827a6590e614)
Justice, legal system, public safety		x	Register of declarations under the Anti-Corruption Act and for confiscation of the illegally acquired property of Sofia Municipality (https://data.egov.bg/data/resourceView/00c5836e-6327-4a02-8db2-81e396759db1)
International issues			
Other (please specify)			

10	Are there measures in place to assist other stakeholders' involvement in this prioritisation process?	x	yes, regular consulta
			yes, other measures
			no

o If 'yes, other measures', please specify.

Many non-governmental organizations, institutes and universities, business organizations declare their desire to support this process. Joint working groups are set up in different areas in order to identify as accurately as possible those data that are of greatest interest.

Etc. We have included some of the leading NGOs and institutes in a working group to work on the Access to Information Act. Much of the data policy of Bulgaria is normatively written in it. So we made them part of the people who offer solutions for voting in plenary.

NGO "For the Earth", Access to Information Program, the National Association of Municipalities in Bulgaria, the GATE Institute, experts from various ministries.

A public procurement procedure for research is currently underway, which will be related to the open data of the Open Data Portal, with a methodology and identification of high-value data to be published as a matter of priority. This year we prepare a survey "Study of citizens and businesses needs for the public sector information in an open format" with main activities that form the scope of the contract as: Development of a methodology for studying the needs of citizens and businesses for publishing public information in an open format; National (sociological) survey among two groups of respondents; "Comparative analysis of the results of open data in Bulgaria and current trends in EC policy and Promotion of the research results. Survey will be done by the around September.

Previous survey about "Improving the processes related to the provision, access and re-use of public sector information" funded by OP "Good governance" in the end of 2019 included:
1. analysis of the results of the national representative survey carried out among the two target groups;
2. identified 500 sets of data from the respondents in the national representative survey;
3. identified 150 sets of the 500s of greater public relevance;
4. identified the 15 most common major issues in re-use of public sector information.
https://e-gov.bg/wps/portal/agency/home/data/opendata/opendata-activities/opendata-consult
http://www.strategy.bg/Publications/View.aspx?lang=bg-BG&Id=298

Based on the both survey's results, we are in the process to identify new List with high priority dataset in the

1.2 Governance of open data

11 Is there a governance structure in place that enables the participation and/or inclusion of various open data stakeholders?

x	yes
	no

o If yes, please briefly explain how this participation is ensured.

State e-Government Agency is such structure in the country. Data Department in State e-Governemtn Agency is National Open Data Coordinator. There are Data Officers in every administration, working groups, informal Open Data Forum Group and good national coordination policy.

Partnerships of all types are well accepted as Open Data Policy in horizontal policy in Bulgaria.
Etc. Partnership agreement with the GATE Institute, which is a National Hub for ISDA together with the State Agency for e-Government.
They expressed their desire to support our work not only in terms of European data policy, but also participation in the National Data Strategy.
Etc. There is a person from the Bulgarian Academy of Sciences associated in our team, so that it could improve partnership with the scientific community.

12 Are the governance structure and its operating model published online and accessible to the public?

x	yes
	no

o If yes, please provide the URL where this information is published.

https://e-gov.bg/wps/portal/agency/about-us/structure-DAEU
https://iisda.government.bg/ras/search/organigram/2071

13 Does the governance structure assist data providers with their open data publication process?

x	yes
	no

o If yes, please specify.

Article 7c of the Electronic Government Act provides for that the Chairperson of the State e-Government Agency (SEGA) must issue methodical guidelines and support the administrations in the defining of the structure and contents of the sets of data to be published on the Open Data Portal of the Republic of Bulgaria under the Access to Public Information Act.

Assisting administrations in the data publishing process is carried out even during COVID-19 through additional specialized distance learning of data providers, divided into levels based on their knowledge and experience on structuring and improving the quality of open data and their data. metadata.

There are Trainings https://www.ipa.government.bg/en/node/313, Technical Documents https://e-gov.bg/wps/portal/agency/home/data/opendata/opendata-docs , also Help Desk. https://e-gov.bg/bg/145 State e-Government Agency is the main administrator of the National Open Data Portal and manages data providers' profiles and roles of other agencies and assists them in publication process on daily basis.

14	**Does the governance model include the appointment of official roles in civil service that are dedicated to open data (e.g., data officers / stewards)?**	x	yes
			no

o If yes, please describe how this task is fulfilled at public body level (e.g. the data steward is the data officer, or communications officer or a separate role was defined).

Pursuant to Article 8, paragraph 3 of the Ordinance on the standard terms and conditions for public sector information reuse and its publishing in open format the heads of public sector bodies designate officials - administrators of profiles (Data Officers) who upload the data for the organization concerned and publish the information of the Open Data Portal. This figure is a version of the role of "data officer" in the public sector bodies. A draft of ordinance is prepare, where we clarify the duties of the data officer and the term "administrator of profile" is to be replaced with "data officers".

The governance model also includes working group activities, online meetings/communication between administrators of profiles and state for: reports with questionnaires addressed to administrators of profiles; feedback, problems and communication via emails; online support from the main administrator of the National Open Data Portal.

https://e-gov.bg/wps/portal/agency/home/data/opendata/opendata-legal/opendata-legal-national/data-opendata-naredba

15	**Are open data initiatives (local/ regional/ national) facilitated and supported at the national level?**	x	yes, all initiatives
			yes, most initiatives
			yes, some initiatives
			no
			not applicable

o If yes, please give an example of what this kind of support.
o If not applicable, please explain why.

Usually open data iniciatives started and coordinated on national level. Also from SEGA we provide experts to particitate in them or help organisations with their project documents if needed.

http://edu.parks.bg/en/home-en/

https://www.aip-bg.org/legislation/%D0%9F%D1%80%D0%BE%D0%B5%D0%BA%D1%82%D0%BE%D0%B7%D0%B0%D0%BA%D0%BE%D0%BD%D0%B8_%D0%B8_%D1%81%D1%82%D0%B0%D0%BD%D0%BE%D0%B2%D0%B8%D1%89%D0%B0/2020/

https://results.cik.bg/pi2021/rezultati/

https://results.cik.bg/pi2021/csv.html

http://2020.eufunds.bg/bg/0/74/Project/Activities?contractId=6nt3ynHNi%2F8%3D&isHistoric=False
http://2020.eufunds.bg/bg/0/151/Project/Activities?contractId=U6sgzPaYbak%3D&isHistoric=False

https://www.gginstitute.eu/2020/11/%d0%bf%d1%80%d0%be%d0%b2%d0%b5%d0%b4%d0%b5-%d1%81%d0%b5-%d0%be%d0%bd-%d0%bb%d0%b0%d0%b9%d0%bd-%d0%ba%d1%80%d1%8a%d0%b3%d0%bb%d0%b0-%d0%bc%d0%b0%d1%81%d0%b0-%d1%81-%d0%bf%d1%80%d0%b5%d0%b4%d1%81%d1%82/

16	**What is the model used for governing open data in your country?**	x	top-down
			bottom-up
			hybrid

o Could you briefly describe why this model was chosen/ works best for your country?

The national specificity in the management of the policies of Bulgaria is that in principle the policies in the country are centralized and this is the reason for choosing a top-down model. The state is structured in such a way that it works mainly on this model.

All actions in open data field are coordinated from the agency. The Agency is in close collaboration with other organisations and different stakeholders in the country including government (central, regional and local authorities), busines, non-governmental and research organizations.

17	**Does the national open data policy incentivise and support open data initiatives at local or regional level?**	x	yes
			no
			not applicable

o If yes, please briefly descibe what the support activities consist of.
o If not applicable, please briefly explain why.

Usually open data iniciatives started and coordinated on national level.

18   To what degree do local / regional public bodies conduct open data initiatives?

	All public bodies
x	The majority of publ
	Approximately half
	Few public bodies
	None of the public b

19   Is there a regular exchange of knowledge or experiences between the different public sector bodies active in the open data field?

x	yes
	no

o If yes, please briefly describe how this exchange takes place and provide evidence supporting your answer (e.g. meeting agendas, URLs to news items).

The main public stakeholders, such as State e-Government Agency, Council of Ministers, Ministry of the transport and information technologies of Bulgaria, etc., are involved in the so called "working groups". This form of organization allows them to be in constant and interrupted relation through the year. Members of this groups from the different public bodies, are the recognized in the field of re-use of public sector information and open data state experts.
Besides that, the participants in those working groups exchange information several times per year via e-mail.
Main topics to be discussed are:
o reports/questionnaires, to be prepared;
o ask specific questions;
o spread updated information among main administrators on accounts of public sector bodies who are registered users of the Open Data Portal, which they use for sharing their data
o defined new high priority datasets with structures and deadlines for publications
o activities due to the new Directive of Open data and the list with high priority datasets in the 6 categories

20   Is there a regular exchange of knowledge or experiences between public sector bodies and open data re-users?

x	yes
	no

o If yes, please briefly describe how this exchange takes place and provide evidence supporting your answer (e.g. meeting agendas, URLs to news items).

We worked fragmentary (by invitation) with the re-users of the high priority datasets in three categories: education, transport and companies and company ownership.We have regular meetings with data owners and data re-users of there three categories with agendas and minutes. Some of the meetings were on place other were online.After these meetings we had as a result more high priority datasets in an open mashinereadable formats which will be publish till the end of 2020.
Regular meetings with bigger group of re-users at the sametime started from September 2020. Meetings are ony 3 months with about 50 participants from business, NGOs, universities and citizens.At the moment organization process is started.

21   Are there annually held national, regional or local events (e.g. hackathons, conferences, users meet-ups) to promote open data in your country?

x	yes, >9
	yes, 6-9
	yes, 3-5
	yes, 1-2
	no

o If yes, please provide a few examples (e.g. title, date, location of the event and URL).

There are enough initiatives at all levels. Recently, the popularization at the municipal level and through NGOs is highly developed. This is because Bulgaria is a small country, but this approach has helped many international investors to open offices in Bulgaria. A factor in Bulgaria is the lower salary, despite the high qualification. Also the inclusion of Bulgarian teams in international open data projects.
Etc. ESA projects where Big data and Open data are monitored.

https://www.copernicus.eu/en/events/events/online-copernicus-4-bulgaria-2020-ii-nd-national-workshop-international-participation

https://2020.spaceappschallenge.org/locations/sofia/event

https://esribulgaria.com/?uc2013=%D0%BE%D1%81%D0%BD%D0%BE%D0%B2%D0%BD%D0%B0

http://space.bas.bg/SES/archive.html

https://data.egov.bg/news/view/44

https://www.ontotext.com/knowledge-hub/webinars/

https://gate-ai.eu/bg/%d1%81%d1%8a%d0%b1%d0%b8%d1%82%d0%b8%d1%8f/%d0%bf%d1%8a%d1%80%d0%b2%d0%b8-%d0%b3%d0%be%d0%b4%d0%b8%d1%88%d0%b5%d0%bd-%d1%84%d0%be%d1%80%d1%83%d0%bc-%d0%bd%d0%b0-gate/

https://www.gginstitute.eu/2020/11/%d0%bf%d1%80%d0%b5%d0%b4%d1%81%d1%82%d0%be%d1%8f%d1%89%d0%be-%d0%bf%d1%80%d0%be%d0%b2%d0%b5%d0%b6%d0%b4%d0%b0%d0%bd%d0%b5-%d0%bd%d0%b0-%d0%be%d0%bd-%d0%bb%d0%b0%d0%b9%d0%bd-%d0%ba%d1%80%d1%8a%d0%b3/

22	Who organises most open data related events?		National public bodi
			Local or regional pub
			Civil society/universi
			Private sector
		x	A mix of the above
			I don't know

1.3 Open data implementation

23	Is there a document/tool (e.g., a guidebook) at national level to assist data providers in their publication process?	x	yes
			no

o If yes, please provide the URL and briefly highlight the key aspects covered.

echnical Guidelines and Instructions for uploading data sets in open format on the National Open Data Portal (http://www.strategy.bg/FileHandler.ashx?fileId=7339)
Instruction for installing the Automated Data Input Tool (https://data.egov.bg/document/view/6)
User instructions for the Open Data Portal (https://data.egov.bg/help)
Instructions for the main administrators, roles and functions of the Open Data Portal

https://e-gov.bg/wps/portal/agency/home/data/opendata/opendata-docs

24	Are there data publication plans in place at national/regional/local or public body level?	x	yes
			no

o If yes, please provide some examples of such publication plans.

o Each year, since the Directive 37/2013/EU was implemented in the national legislative framework, the Council of Ministers adopts action plans for gradual opening of the numerous datasets in prioritised fields. This action plans are in the form of a Decision of the Council of Ministers, which includes also the list of datasets to be published in the current year by the public bodies. So far, the adopted decisions are as follows:
Decision No. 103 of the Council of Ministers (CoM)dated 17 February 2015 on approving the List of data sets by priority area to be published in open format;
o Decision No. 214 of the Council of Ministers dated 25 March 2016 on approving the List of data sets by priority area to be published in open format;
o Decision No. 897 of the Council of Ministers dated 21 October 2016 on amending and supplementing of Decision No. 214 of the CoM dated 25 March 2016
o Decision No. 436 of the Council of Ministers of 04 August 2017 on the adoption of a List of data sets by priority area to be published in open format on the Open Data Portal
o Decision No. 54 of the Council of Ministers of 01 February 2019 on the adoption of a List of data sets by priority area to be published in open format on the Open Data Portal
Decision No. 435 of the Council of Ministers of 03 July 2020 on the adoption of a List of data sets by priority area to be published in open format on the Open Data Portal
https://e-gov.bg/wps/portal/agency/home/data/opendata/opendata-legal/opendata-legal-national

25a	Are there any processes run at national level to ensure that the open data plans/strategy are implemented	x	yes

(e.g., monitoring)?   ☐ no

  o If yes, please specify the process(es).

> *State e-Government Agency prepare annual reports to track progress of data publication against these plans. Each administration fulfill online form for its progress which form is verified from SEGA employee. We monitor if: 1. Administration is published new datasets in open machine-readable format for the relevant year; 2. Datasets are included to annual priority lists or are published proactively from the administrations; 3. Datasets are included in approved schedule for publishing or not; 4. Datasets are published on time, with delay or are not published at all.*
> *In 2020 there is focus on identification of High Value Dataset LIst based on Sixth Priority Categories which will be publish in the beginning of 2021 on EU level.We worked actively to identify datasets in every category, chacking for legislation barrier on nation level about their publication and trying to facilitate the publication process in advance.*

25b **If yes, would you describe the status of implementation as satisfactory/neutral/unsatisfactory?**

☒ **Satisfactory**
☐ **Neutral**
☐ **Unsatisfactory**

  o If unsatisfactory, please briefly describe why.

> *For the size of our country, we implement data satisfactorily, data monitoring is at the national level. In Bulgaria, the administration, business and people are increasingly interested in data that are a priority for the EU such as geospatial, land and environmental monitoring, meteorology, statistics, property of companies, mobility.*
> *A National Spatial Data Portal (INSPIRE) is being built in Bulgaria under the project № BG05SFOP001-1.002-0014, which is implemented with the financial support of the Operational Program "Good Governance" and is in implementation of a contract dated 28.08.2020.*

26a **Are there any processes in place to asses if public sector bodies are charging for data above marginal cost?**

☒ yes
☐ no
☐ I don't know

26b **If yes, to what degree is data provided by public sector bodies free of charge?**

☐ All datasets
☒ The majority of data
☐ Approximately half o
☐ Few datasets
☐ None of the datasets

26c **If not all datasets, how has this degree changed compared to the previous year?**

☒ All datasets or increa
☐ no change
☐ decreased

27a **Are local/regional data sources discoverable via the national portal?**

☒ yes
☐ no
☐ not applicable

  o If not applicable, please briefly explain why.

> *Almost every local or regianal organisation has a profile on the National Open Data Portal where it publish data.*

27b **If yes, to what degree are existing local/regional sources harvested?**

☐ All datasets
☒ The majority of data
☐ Approximately half o
☐ Few datasets
☐ None of the datasets

  o If less than the majority of existing sources is harvested by the national portal, please briefly explain why.

> *Please fill your answer here.*

28 **Are there activities conducted at national level to assist real-time and/or dynamic data holders in their publication process?**

☒ yes
☐ no

  o If yes, please provide some examples of such activities.

> *In the Ordinance on the general requirements for information systems, registers and electronic administrative services to the Electronic Government Act as a mandatory requirement is introduced to ensure API interfaces for automated presentation of data sets in open form on the Open Data Portal upon the development of any information systems and registers*
> *https://data.egov.bg/document/view/1*
> *https://data.egov.bg/document/view/6*

29a **Is there a professional development or training plan for civil servants working with data?**

☒ yes
☐ no

  o If yes, please briefly describe these training activities.

> *The following trainings on open data have been prepared and updated through the Institute of Public Administration:*
> *Two trainings were conducted, respectively in May-June and September-October 2020 on P-10 - "Open data in management" from the Catalog for 2020 (https: //www.ipa.governmeûnt.bg/bg/ catalog2020) and trained 76 employees of the state administration. Proposals for upgrading trainings on open data for inclusion in the IPA Catalog for 2021 were also submitted.*
> *In order to meet the requirements of the ordinance under the Access to Public Information Act, specialized training was organized on "Working with open data - basic module for data officials" and an upgrading module on "Practical work with open data" through the Institute of Public Information. administration. The first such training was held on December 10-23. As of December 23, 2020, the module has been successfully completed by 195 employees. The training in both modules will continue in 2021. In February-March 2021, a follow-up training was conducted under Module 2 "Practical work with open data". 139 employees enrolled in the training, 114 employees successfully completed the training.*
> *A course for self-training of public administration employees on the topic "High value data sets" has been prepared. The training will be available from June 2021.*

29b | **If yes, do these training activities offer a publicly recognised certification and are they formally recognised as professional development training within the public bodies?** | **x** **yes** ☐ **no**

o If yes, please briefly describe how this is done.

> *Trainings are organized from the Institute of Public Administration, which is the official organization for trainings and educations for civil servants/employees and has right to certify them.*
> *https://www.ipa.government.bg/bg/misiya-viziya-i-strategicheski-celi#*

End of Dimension 1: Open Data Policy

#REF!

Dimension 2: Open Data Impact

Assessing the impact of open data is still generally considered a new field, with no consensus, for example, on the definition, or methodologies to measure impact. Nonetheless there are several elements that are considered essential to demonstrating impact, first and foremost monitoring mechanisms, but also proxies of impact – such as the degree of re-use of published open data. The impact dimension in this questionnaire captures these elements. The re-use examples of each section (political, social, environmental, economic) help infer a degree of open data impact in the respective field. The countries are encouraged to provide, whenever possible, new examples of re-use for each section. This will also provide a good indication for the EDP and the questionnaire respondents themselves of an increase in reuse of data from certain domains compared to previous year(s). Please note that the scoring will also take the diversity in examples vs previous year(s) into account.

Please note that although the impact dimension sets a strong focus on open data re-use cases, the European Data Portal does not consider the availability of re-use examples as a direct evidence of impact.

Please fill out all the questions by selecting the answer option by marking it with an "x" in the boxes. If applicable, please provide additional information in the grey text box containing "Please fill your answer here".

Question	Answer options
2.1. Strategic awareness	

30 | **At the national level, do you see interest in understanding the level of re-use of your country's open data?** | **x** **yes, there is a strong** ☐ **yes, but the focus is limited** ☐ **no, no focus**

o If yes, what activities / efforts have you observed within public bodies that support your observation?

> *There are many iniciatives and events about open data re-use. In recent years, certain data sets have been placed on the portals of each institution, which are a mandatory minimum in Bulgaria.*
> *Especially after the outbreak, interest in reuse data has increased many times over.*
> *The good thing is that in Bulgaria, due to the cheaper labor, a large part of the businesses of large IT companies have been exported, which further contributes to the growing interest in data.*

31 | **At the national level, are there any processes running to estimate the level of re-use of your country's open data (such as monitoring, surveys, web analytics or catalogues of apps that use the data)?** | **x** **yes** ☐ **no** ☐ **I don't know**

o If yes, please briefly describe these processes and provide the URLs to support the answer.

Consultation on High Value Datasets to citizens and businesses on the degree of importance, priority and public significance of datasets
https://e-gov.bg/wps/portal/agency/news/news-details/news29
https://ec.europa.eu/eusurvey/runner/HVDList_DCoM2020

At this stage, SEGA monitors data reuse.
A progress report on the use of open data is prepared each year. A comprehensive monitoring of the Open Data Portal in Bulgaria is carried out, which is under the authority of the State Agency for Electronic Government.
Priority monitoring is performed on high value data.
Each year, the institutions report on their pages and publish reports with the number of applications for access to re-use and access to information.
The Law on Access to Public Information and when transposing the directive stipulates that more than three requests for information must be made public.

We working on:
o Creating methodology for benchmarking of data openness and maturity on national level;
o Conducting pilot project for cooperation among 20 institutions for measuring the re-use;

32   **Are there incentives or obligations in place for public bodies or civil servants at all levels of government to estimate the level of re-use of their own open data?**

x	yes
	no
	I don't know

o If yes, please briefly describe these activities and provide the URLs to support the answer.

Each year, administrations announce the number of requests for access to re-information and access to information. Certain registers specific to the type of administration are published.
The number of refusals of information and the number of information requested more than three times are also published.
There are very few municipalities that do not have an open data section in their accounts.

o Amendments in the existing legal framework (APIA and relative Ordinance);
o Appoint responsible persons (data officers) from each public body for opening and monitoring the usage of their own data;
o Support public bodies to define their data which to be provided in an open machine readable format;
o Issue guidelines for defining the structure and content of datasets and metadata;
o Motivate public bodies to prioritize datasets and to publish in maximum details high value datasets;
o Develop a channel of communication between public bodies and re-users;
o Increase citizens' awareness;
o Initiate activities to explore the opinion of the potential users of the open data portal and promote the portal and priority datasets;
o Create a forum/working group with all stakeholders in open data process to engage data community
Activities are started or planned to be done in the next 1-2 years.

33   **Has your government specified what "impact of open data" means (e.g., in a strategy document)?**

x	yes
	no

o If yes, how do you define the impact of open data in your country? Please provide a URL to a public document describing it.

oOpen Data Impact cover the activities carried out to monitor and measure open data re-use and the impact resulting from the re-use in the political, social, environmental and economic areas. This impact increasising transperancy, acountability, government efficiency, government effectiveness, inclusion of marginalised groups, raising awareness and can help address a number of issues in various areas.
https://e-gov.bg/wps/portal/agency/home/data/opendata/opendata-additionalinfo
https://data.egov.bg/document/view/13
https://data.egov.bg/document/view/15

An impact assessment of the Access to Public Information Act has also been carried out this year, which also addresses access to the re-use of open data and the transposition of Directive 2019/1024.
This assessment is prepared jointly by a team of the State Agency for Electronic Government and the Council of Ministers.
Non-governmental organizations were also involved in the transposition negotiations.

https://www.strategy.bg/PublicConsultations/View.aspx?lang=bg-BG&Id=6128
https://data.egov.bg/news/view/58
The proposed draft act introduces into Bulgarian legislation the legal framework adopted in 2019 and updated in 2019 on the re-use of public sector information and open data - Directive (EU) 2019/1024 of the European Parliament and of the Council of 20 June 2019 on open data and the re-use of public sector information (OJ L 172, 26.6.2019, p. 56) (Open Data Directive).

    According to Art. 19 of the said Directive, it repeals the existing legislation and basic legal framework for the re-use of public sector information in force since 2003 - Directive 2003/98 / EC of the European Parliament and of the Council of 17 November 2003. on the re-use of public sector information (OJ L 345, 31.12.2003, p. 90) and Directive 2013/37 / EU of the European Parliament and of the Council of 26 June 2013 amending Directive 2003/98, respectively / EC on the re-use of public sector information (OJ L 175, 27.6.2013, p. 1).

34 **Do you have a methodology in place to estimate the impact of open data in your country?**	☐ yes
	☒ no

o If yes, please briefly describe the key points of this methodology.

Working on such methodolody.

35 **Have there been any studies conducted in the past year that focus on assessing the impact of open data (whether political, social, environmental or economic)?**	☒ yes
	☐ no
	☐ I don't know

o If yes, please provide examples and the URLs to support your answer.

There are several studies on the impact of open data that are the result of working groups and research:
http://www.opendata.ngolinks.eu/cdir/opendata.ngolinks.eu/files/01_03_online_socio.pdf

http://www.opendata.ngolinks.eu/cdir/opendata.ngolinks.eu/files/03_needs_analysis_1628677293.pdf

https://investsofia.com/pazarni-danni-i-analizi/
https://innovativesofia.bg/en/sofia-statistics/
https://innoair-sofia.eu/bg/

http://www.bd-dunav.org
This link is from the Danube Region Basin Directorate, where there is detailed information about the state of the waters. The data of the Danube Basin Directorate, as well as the data of the other three basin directorates in the country are of high public interest and therefore they are approached with special care in order to be unified and standardized. This will lead to greater usability and will increased social and economic impact.

http://www.bd-dunav.org/content/upravlenie-na-vodite/sastoianie-na-vodite-i-zonite-za-zashtita/informaciia-za-sastoianiteto-na-vodite/
Link to the same organization where there are detailed reports.

https://gate-ai.eu/bg/%D0%BD%D0%B0%D1%87%D0%B0%D0%BB%D0%BE/
https://www.tourism.government.bg/sites/tourism.government.bg/files/uploads/Budjet/2020-12/otchet_programi._31.12.2020_mt.pdf
http://2020.eufunds.bg/bg/0/0/Project/BasicData?contractId=mGZmxbl8kTI%3D&isHistoric=False

Project: Improving and civil monitoring of the transparency of public information and the provision of open data - a guarantee for increased civic participation in the processes of formulation, implementation and monitoring of policies and legislation.

36 **Are there civil society initiatives that are open data driven and aim to create impact (whether political, social, environmental or economic)?**	☒ yes
	☐ no
	☐ I don't know

o If yes, please provide examples and the URLs to support your answer.

https://www.eufunds.bg/bg/opos/term/400
https://bghauliers.eu/members/
https://aap.bg/
https://data.egov.bg/news
https://data.egov.bg/statistika?section=1&item=1

37   **Is there collaboration between government and civil society or academia to create open data impact (whether political, social, environmental, or economic)?**

     | x | yes |
     | | no |
     | | I don't know |

o If yes, please provide an example and URL of a project that included such a collaboration.

An example of such cooperation is the GATE and SEGA Institute
https://data.egov.bg/news/view/48
https://data.egov.bg/dataviz?section=17&item=46
https://aap.bg/
Cooperation with the Association of Car Manifactures, the Ministry of Interior and the Executive Agency "Automotive Administration" in a working group due to increased interest in these data sets.
http://2020.eufunds.bg/bg/0/0/Project/Activities?contractId=Fl%2FkgV4vem4%3D&isHistoric=False
The overall objective of the proposal is to achieve a new quality of partnership between executive structures and citizens / businesses by using the innovative civic potential in favor of increased openness of management and informing the public in a way that allows its participation in solving public problems and improving of public services. The goal will be achieved through a civic hacking initiative. The target groups of the project are the structures of the executive power, SEGA, non-governmental and civil organizations, citizens and businesses.

2.2 Political impact

38   **Have you or other public bodies launched or performed any activities in the past year to assess the political impact of open data (such as systematic monitoring, commissioning studies, surveys)?**

     | x | yes |
     | | no |
     | | I don't know |

o If yes, please provide examples and the URLs to support your answer.

Most NGOs monitor open data and work on joint projects with local, regional authorities, people and businesses in this field.
https://sofia.demokrati.bg/sector/digital/sofiya-digitalna-stolitsa/otvoreni-danni/

https://www.eufunds.bg/bg/opgg/node/6836
https://www.eufunds.bg/sites/default/files/uploads/opseig/docs/2021-02/PE_21-27_010221_BG.pdf

https://www.eufunds.bg/sites/default/files/uploads/opgg/docs/2020-11/%D0%9F%D0%9D%20%D0%BD%D0%B0%20%D0%9E%D0%98%D0%A6.%20%D0%B2%D0%B5%D1%80%D1%81%D0%B8%D1%8F%2011.2020%20%D0%B3..pdf

https://www.aip-bg.org/legislation/%D0%9F%D1%80%D0%BE%D0%B5%D0%BA%D1%82%D0%BE%D0%B7%D0%B0%D0%BA%D0%BE%D0%BD%D0%B8_%D0%B8_%D1%81%D1%82%D0%B0%D0%BD%D0%BE%D0%B2%D0%B8%D1%89%D0%B0/2020/
https://app.eop.bg/today/reporting/search
https://www2.aop.bg/

Via the Project Open Data and Citizens Participation: mechanisms to foster interaction between administration, citizens and business of NGO Link under supervision of State e-Government Agency. The project aims to develop a citizen's engagement pattern based on open data inluding administration, citizens and business as well as to analyse the open data policy in Bulgaria to open and responsible governance. The project targets the "suppliers of data": national, regional and local administrations published data in Open Data Government Portal and "users of data": NGOs, businesses and general public. In order to attain the objectives set project activities are organized in four main areas: 1) the research activities include economic, statistic and public opinion analysis; 2) the monitoring activities – developing a citizen's engagement pattern based on open data; 3) the sharing activities to exchange experience and knowledge between suppliers and users of open data; 4) the information activities to increase public awareness about open data opportunities

39   **Has open data had a low/medium/high impact on increasing government efficiency, e.g. reducing operational costs? Please provide examples of how open data that has been used in research or to develop applications on the topic (whether developed by government or by civil society).**

     | x | high |
     | | medium |
     | | low |
     | | I don't know |

o If yes, please provide examples and the URLs to both the data sets and the respective use cases to support your answer.

> *All new applications in the field of social policy, transport, administrative services have reduced other operating costs after the construction of good GIS, portals and mobile applications.*
> *https://www.sofia.bg/web/guest/news/-/asset_publisher/1ZlMReQfODHE/content/id/7907946*
>
> *https://www.sofia.bg/mobile-applications*
>
> *Working Group with representatives from State e-Government Agency, Association of Car Manifactures and Ministry of Interior after several online meetings selected a new high value dataset "Summary reports for initially registered vehicles during the past one-month period for: number of registered vehicles for a period, divided into new, used and others, by brand, model and category". Dataset is part of New List of priority datasets was adopted in 2020 - Decision No. 435 of the Council of Ministers of 03 July 2020. This dataset cas available after paying high taxes and was charged over marginal costs. Now will be available for free in open machinereadable format. Data will be combined with those published on:*
> *https://data.egov.bg/organisation/dataset/620585af-8ecd-48be-aadc-cace587d90df*
> *Another application will be based on: https://vizia.sofia.bg/wp-content/uploads/2019/03/Danni_SO.pdf*
> *Before the end of 2021 working group will structured and make available on the National Open Data Portal several datasets from Mobility Category which will be published under open licences.*

40 **Has open data had a low/medium/high impact on increasing government effectiveness, e.g. improving quality of service delivery? Please provide examples of how open data that has been used in research or to develop applications on the topic (whether developed by government or by civil society).**

x	high
	medium
	low
	I don't know

o If yes, please provide examples and the URLs to both the data sets and the respective use cases to support your answer.

> *Digital Transformation Strategy for the city of Sofia*
> *A platform for smart growth*
> *https://innovativesofia.bg/wp-content/uploads/2020/06/Digital-Transformation-Strategy-for-Sofia-Final-accepted-ENG.pdf*
> *https://vizia.sofia.bg/wp-content/uploads/2019/03/Danni_SO.pdf*
> *https://data.egov.bg/organisation/f0c5ff67-6741-468e-a8bf-398d155a9398/datasets?&page=2*
>
> *All new applications in the field of social policy, transport, administrative services have reduced other operating costs after the construction of GIS, portals and mobile applications.*
> *https://www.sofia.bg/web/guest/news/-/asset_publisher/1ZlMReQfODHE/content/id/7907946*
> *https://www.sofia.bg/mobile-applications*
>
> *Best example is also Covid statistical inforation in the country updated in in real time every day*
> *https://data.egov.bg/covid-19?section=8&item=26*
> *https://app.coronavirus.bg*
> *https://coronavirus.bg/*
> *https://data.egov.bg/covid-19?section=8&subsection=18*
> *https://data.egov.bg/covid-19?section=8&subsection=18&item=43*
> *https://data.egov.bg/covid-19?section=8&subsection=18&item=43.*
>
> *https://e-gov.bg/wps/portal/agency/systems/info-systems/e-authentication/!ut/p/z1/nVXdbpswGH2aXlo2tjH2JSG_bZNAUpqGm8mAab0lkCY0Xfb0M1ukqUE16YyEsHUOnHP8-QMm8AkmpTzqZ1nrqpQbM18n7Ns44r4z5_huNEQcRX5I4zAKopi6cPURgPoG4I_vZ7HgQwcFFCbX8NEnw0fX8cNw5I9HHCEnYD0UhZ7X6zkTjFxm5TPa0j-gDEWM-*
>
> *https://www.sofia.bg/mobile-applications*
> *https://www.bdz.bg/bg/a/bdzh-s-novo-digitalno-prilozhenie-radar*

41 **Has open data had a low/medium/high impact on increasing transparency and accountability in your country? Please provide examples of how open data that has been used in research or to develop applications on the topic (whether developed by government or by civil society).**

x	high
	medium
	low
	I don't know

o If yes, please provide examples and the URLs to both the data sets and the respective use cases to support your answer.

> *Application about accidents based on following information:*
> *Information on dead and wounded by districts and months*
> *https://data.egov.bg/organisation/dataset/4bc3917c-b7b9-4b81-8891-fadde5eaea66*
> *Information about serious road accidents (with victims) by district*
> *https://data.egov.bg/organisation/dataset/e8b7a643-8073-4ff9-8dbe-8ceec5173816*
> *Information on deaths and injuries by age groups and type of participant in road accidents*
> *https://data.egov.bg/organisation/dataset/e9660b84-76a6-4158-9bc9-7a6e3190c99a*
>
> *Another application will be based on Information on payments in SEBRA - National Fund to the Minister of Finance:*
> *https://data.egov.bg/organisation/dataset/418b0686-7b79-4234-b911-244143a19ada*
>
> *https://edelivery.egov.bg/*
>
> *All types of electronic services of the administration from the last year.*
> *http://2020.eufunds.bg/bg/1/0/Project/Activities?contractId=jcbbCPfJwxs%3D&isHistoric=False*
>
> *https://www.nsi.bg/bg/content/14781/basic-page/%D1%83%D0%B5%D0%B1-*
> *%D0%B1%D0%B0%D0%B7%D0%B8%D1%80%D0%B0%D0%BD%D0%BE-*
> *%D0%BF%D1%80%D0%B8%D0%BB%D0%BE%D0%B6%D0%B5%D0%BD%D0%B8%D0%B5-*
> *%D0%BB%D0%B5%D1%87%D0%B5%D0%B1%D0%BD%D0%B8-%D0%B8-*
> *%D0%B7%D0%B4%D1%80%D0%B0%D0%B2%D0%BD%D0%B8-*
> *%D0%B7%D0%B0%D0%B2%D0%B5%D0%B4%D0%B5%D0%BD%D0%B8%D1%8F-2020*
>
> *In order to facilitate the process of data collection and processing, the National Statistical Institute (NSI) has developed a web-based application, available on the Internet at: https://www.nsi.bg/Zdravni/.*
> *The application is entered through a combination of UIC, ECATTE code of the settlement where the restaurant operates and an individual password.*

42	**Is open data used in policy-making processes in your country (i.e. are public administrations making use of the data as evidence for the problem identification and policy formulation)?**	x	**yes**
			no
			I don't know

o If yes, please provide examples and the URLs to support your answer.

> *http://www.bgregio.eu/media/Programirane/2021-2027/3_SIA_BG_Part_3_Final.pdf*
> *SOCIO-ECONOMIC ANALYSIS OF THE REGIONS IN THE REPUBLIC OF BULGARIA*
> *The conducted research is by thematic areas, by sectors and territorial levels allows to systematize the main advantages, disadvantages, opportunities and threats*
> *in SWOT analysis, which will serve to determine the guidelines for development, in parallel with the process of professional and public consultations.*
> *This link is a project that was made with European funds.*
> *Please open with Chrome browser.*
> *https://www.ipa.government.bg/sites/default/files/tablica_kursove_proekt_2021.pdf*
> *This link points how important are Open Data Impact Trainings for administrations.*
>
> *A public register of the Chamber of Independent Appraisers in Bulgaria in connection with activities with the disposal of State Property. http://public.ciab-bg.com/index.php?action=registrar&setElsPerPage=50&account_type=personal*
> *The most frequently used open data are related to air pollution: https://air.sofia.bg; https://airbg.info; http://eea.government.bg/airq/bulletin.jsp, etc. The aim is to improve the strategy, measures and actions on air pollution.*
> *https://www.minfin.bg/bg/792*
> *https://www.minfin.bg/bg/transparency*
>
> *The Ministry of Finance uses open government. The site has a scope of published daily information on budget payments and a link to an open data portal (APD). Information on payments in Sebra and other payments by day can be seen.*
>
> *http://www.bgregio.eu/media/Programirane/%D0%A1%D0%BE%D1%86%D0%B8%D0%B0%D0%BB%D0%BD%D0%BE-*
> *%D0%B8%D0%BA%D0%BE%D0%BD%D0%BE%D0%BC%D0%B8%D1%87%D0%B5%D1%81%D0%BA%D0%B8%20%D0%B0%D0%BD%D0%B0%D0%BB%D0%B8%D0%B7%20%D0%BD%D0%B0%20%D1%80%D0%B0%D0%B9%*

43	**Is open data used in decision-making processes in your country (i.e. are public administrations making use of the data as evidence to be included in their daily operations)?**	x	**yes**
			no
			I don't know

o If yes, please provide examples and the URLs to support your answer.

These are the data used in the councils and committees of the regional administration Gabrovo (regional transport scheme, the register of military monuments, the dam register, the State Property Register).

On registration of persons performing activities related to the provision of medical devices and auxiliary tools, facilities and facilities for persons with disabilities shall be checked in the Commercial Register of company data.
https://www.mrrb.bg/bg/zam-ministur-valentin-jovev-v-intervyu-za-vestnik-24-chasa-vsichko-koeto-si-byahme-postavili-za-cel-prez-2017-g-veche-e-postignato/

Yes, including currently on the basis of statistics from open data reorganizations are made in the work of administration, schools, hospitals and business

https://app.coronavirus.bg/
https://data.egov.bg/covid-19?section=8&subsection=10&item=29

https://coronavirus.bg/arcgis/apps/opsdashboard/index.html#/ecacd239ee7e4fba956f7948f586af93
Sites for the transport situation
http://www.api.bg/bg/promeni
https://lima.api.bg/mobile/about

https://iisda.government.bg/

https://www.eufunds.bg/bg/optti/node/7443

http://www.bgports.bg/bg/page/100
https://rsvu.mon.bg/rsvu4/#/general-comparison
https://edu.mon.bg/
https://www.ruobg.com/selectruo

2.3 Social impact

44	**Have you or other public sector stakeholders active in this field launched or performed any activities in the past year to monitor the social impact of open data (such as systematic monitoring, commissioning studies, surveys)?**	x	yes
			no
			I don't know

o If yes, please provide examples and the URLs to support your answer.

aUnder the project "Open Data and Citizens Participation: mechanisms to foster interaction between administration, citizens and business" are in progress following documents: methodology for analysis of open data policies; Analysis with recommendations; Public opinion research and report; Citizen's engagement pattern based on open data with the implementation recommendations; Needs analysis to work with open data; Analytical framework for information sharing activities.
http://opendata.ngolinks.eu/
https://drive.google.com/drive/folders/1AdjYVLc_QU5Deb_JytoTAaPoPEBGiIKn

https://www.eufunds.bg/bg/oprd/node/2816
https://www.eufunds.bg/en/node/2816
 As a result of the implementation of a contract concluded between the Ministry of Regional Development and Public Works (MRRB) and the National Center for Territorial Development EAD (NCTR), the second stage of the developed Socio-economic analysis of the regions in the Republic of Bulgaria has been adopted. The main purpose of the prepared analysis is to serve in the development of the Operational Program for Regional Development and other programs financed by ESIF, the National Strategy for Regional Development of the Republic of Bulgaria, the regional development plans of the regions of level 2, the National Concept for Spatial Development and the regional spatial development schemes of a level 2 region for the period after 2020.
https://www.nsi.bg/spisaniestatistika/page/bg/details.php?article_id=235
THE RELATIONSHIP BETWEEN OF INOVATION AND TECHNOLOGICAL PROGRESS ON THE LABOUR MARKET

https://naukamon.eu/category/sci-programs/
https://varshets.bg/projects/docs/%D0%9C%D0%95%D0%A5%D0%90%D0%9D%D0%98%D0%97%D0%AA%D0%9C%20%D0%98%20%D0%98%D0%9D%D0%A1%D0%A2%D0%A0%D0%A3%D0%9C%D0%95%D0%9D%D0%A2%D0%90%D0%A0%D0%98%D0%A3%D0%9C.pdf
http://2020.eufunds.bg/bg/0/0/Project/Activities?contractId=Fl%2FkgV4vem4%3D&isHistoric=False
https://iusauthor.com/novini/405-programa-cifrova-bulgaria-2025.html

45	**Has open data had a low/medium/high impact on increasing the inclusion of marginalised groups in society? Please provide examples of how open data that has been used in research or to develop applications on the topic (whether developed by government or by civil society).**	x	high
			medium
			low
			I don't know

o If yes, please provide examples and the URLs to both the data sets and the respective use cases to support your answer.

According to Decision №463 of the Council of Ministers, the Persons with Disabilities Agency published in an open format a register of specialized enterprises and cooperatives of and for persons with disabilities in the Open Data Portal of the Republic of Bulgaria (https://data.egov.bg).
The Disability Agency's information system uses data from the Uniform Classifier of Administrative-Territorial and Territorial Units.

Information on the number of children and students by groups and classes by types of schools containing information about: for training and support of hearing impaired students, training and support of visually impaired students, boarding school, socio-pedagogical boarding school and places of deprivation of liberty
https://data.egov.bg/organisation/datasets/resourceView/c5dd8852-2d5a-4561-8f6d-4bf314ac7472

Register of specialized enterprises and cooperatives of and for people with disabilities. The register is used for monitoring and control of the specialized enterprises and cooperatives of the people with disabilities and of the activity, performed by them during the implementation of target projects and programs under art. 28 of the Law on Integration of People with Disabilities.
https://data.egov.bg/organisation/datasets/resourceView/0223a417-327e-4c1c-92bc-27138bb440d2
https://data.egov.bg/organisation/datasets/resourceView/08f8db3a-97eb-459c-a6b8-ed5a41635d91
https://data.egov.bg/organisation/datasets/resourceView/6a56c5d4-6774-48ff-9235-640dcf8b6c69

Application
http://rabotosposobni.bg/?mod=article&id=2

Prototype of Application
http://izberi-gimnazia.info:8080/

https://orientirane.mon.bg
This is a site for career guidance of pupils and students.
ttps: //esf.bg/balgaro-shveytsarska-programa

46 **Has open data had a low/medium/high impact on raising awareness concerning housing in the city? Please provide examples of how open data has been used in research or to develop applications on the topic (whether developed by government or by civil society).**

x	high
	medium
	low
	I don't know

o If yes, please provide examples and the URLs to both the data sets and the respective use cases to support your answer.

https://sofproect.com/%d0%ba%d0%b0%d0%ba%d0%b2%d0%be-
%d0%bf%d1%80%d0%b0%d0%b2%d0%b8%d0%bc/
Analysis of the maximum load on the housing sector
https://sofproect.com/portfolio/%d0%b0%d0%bd%d0%b0%d0%bb%d0%b8%d0%b7-
%d0%bc%d0%b0%d0%ba%d1%81%d0%b8%d0%bc%d0%b0%d0%bb%d0%bd%d0%be%d1%82%d0%be-
%d0%bd%d0%b0%d1%82%d0%be%d0%b2%d0%b0%d1%80%d0%b2%d0%b0%d0%bd%d0%b5/
The study explores possible options for building a bike path
https://sofproect.com/portfolio/%d0%bd%d0%be%d0%b2%d0%b0-
%d0%b2%d0%b5%d0%bb%d0%be%d0%b0%d0%bb%d0%b5%d1%8f-%d0%b2-
%d1%81%d1%82%d1%83%d0%b4%d0%b5%d0%bd%d1%82%d1%81%d0%ba%d0%b8-
%d0%b3%d1%80%d0%b0%d0%b4/

https://www.nsi.bg/bg
This is a site of the National Statistical Institute and it works. At the moment there is even a census and it is very actively visited. This organization has an Open Data Portal profile.
https://www.nsi.bg/en/content/3087/housing-fund

https://www.imot.bg/pcgi/imot.cgi

https://www.nsi.bg/bg/content/13335/basic-page/%D1%83%D0%B5%D0%B1-
%D0%B1%D0%B0%D0%B7%D0%B8%D1%80%D0%B0%D0%BD%D0%BE-
%D0%BF%D1%80%D0%B8%D0%BB%D0%BE%D0%B6%D0%B5%D0%BD%D0%B8%D0%B5-
%D0%BA%D0%B0%D1%80%D1%82%D0%B0-%D0%B7%D0%B0-
%D0%B6%D0%B8%D0%BB%D0%B8%D1%89%D0%BD%D0%B0-
%D1%81%D0%B3%D1%80%D0%B0%D0%B4%D0%B0-2020
Web-based application "Residential building map", 2020

https://novitesgradi.bg/

47 **Has open data had a low/medium/high impact on raising awareness on health and wellbeing related issues (e.g. on the COVID-19 pandemic)? Please provide examples of how open data has been used in research or to develop applications on the topic (whether developed by government or by civil society).**

x	high
	medium
	low
	I don't know

o If yes, please provide examples and the URLs to both the data sets and the respective use cases to support your answer.

https://coronavirus.bg

https://invite.viber.com/?g2=AQADyDR8t2MkiEtIPfphZ5XpeAj7j5Bpsn7XdBbBo6qOJfFs2GgI4wWkUVlogBO1&lang=en
https://esribulgaria.maps.arcgis.com/apps/opsdashboard/index.html#/6e2c968cf38540f29a4311295dce390f
https://esribulgaria.maps.arcgis.com/apps/opsdashboard/index.html#/d501647b37654f00a3ec62d48e55ba69 Mobile version
https://data.egov.bg/covid-19?section=8&item=26

edu.mon.bg
On this portal, each school submits daily data on sick and quarantined children and teachers.

https://srzi.bg/bg/post/na-enimanieto-na-grajdanite-vaksinaciya-za-covid-19-8313

https://app.coronavirus.bg/
The purpose of this application is to enable all residents of the Republic of Bulgaria to get involved and help by entering their data and reporting their status on a daily basis.

2.4 Environmental impact

48	**Have you or other public sector stakeholders active in this field launched or performed any activities in the past year to monitor the environmental impact of open data (such as systematic monitoring, commissioning studies, surveys)?**	x	yes
			no
			I don't know

o If yes, please provide examples and the URLs to support your answer.

Report of the Ministry of Environment and Water
https://www.riosv-montana.com/obinfi
Montana Regional Environment and Water Inspectorate in relation to ecology and access to data
http://riew-pleven.eu/euslugi.html

The Regional Inspectorate for Environment and Water - Pleven calls on citizens and businesses to take advantage of the opportunities for electronic correspondence through the System for Secure Electronic Delivery (SSEV). Administrative services, signals and complaints can be requested through SSEV 15.09.2020
http://2020.eufunds.bg/bg/0/35/Project/BasicData?contractId=338vAZ4tdYQ%3D&isHistoric=False

http://eea.government.bg/airq/bulletin.jsp
https://riosv.vracakarst.com/bg/ezhedneven-bletin-za-kachestvoto-na-atmosferniya-vazduh-v-stranata-/
https://www.moew.government.bg/bg/prescentur/upravlenie-na-vodite/dneven-byuletin/
Daily bulletin for water monitoring
https://www.investor.bg/ikonomika-i-politika/332/a/novo-zveno-shte-nabliudava-upravlenieto-na-vodite-otpadycite-i-kachestvoto-na-vyzduha-298623/
https://www.voda.bg/news-94
https://www.riew-sofia.org/

https://data.egov.bg/organisation?q=%D0%91%D0%B0%D1%81%D0%B5%D0%B9%D0%BD%D0%BE%D0%B2%D0%B8+%D0%94%D0%B8%D1%80%D0%B5%D0%BA%D1%86%D0%B8%D0%B8&type=2

In March 2021, a working group was formed in the State Agency for Electronic Government, Data Department with all four basin directorates, in order to synchronize the data and achieve interoperability of the data. Our team is actively working on this activity because in these structures the water is monitored and large arrays of open data are stored

49	**Has open data had a low/medium/high impact on raising awareness on the water and/or air quality in your country? Please provide examples of how open data that has been used in research or to develop applications on the topic (whether developed by government or by civil society).**	x	high
			medium
			low
			I don't know

o If yes, please provide examples and the URLs to both the data sets and the respective use cases to support your answer.

For the air quality applications of Sofia Municipally.
https://data.egov.bg/organisation/e3d162cf-10ab-4808-a065-cd5380fbafca/datasets
https://airbg.info/
https://www.2befit.bg/bg/app/plume-air-repor

http://knowledgesofia.eu/bg/blog/300-prilozheniya-na-inteligentni-gradski-tehnologii-drugi-oblasti-na-prilozheniet

https://www.2befit.bg/bg/app/plume-air-report
This link works, but one letter t is omitted at the end of the word.
https://www.riosv-ruse.org/
Regional Inspectorate for Environment and Water - Ruse is a regional body of the Ministry of Environment

http://knowledgesofia.eu/bg/mme-hub

https://air.sofia.bg/

INSTITUTIONS
http://eea.government.bg/airq/bulletin.jsp
https://riosv.vracakarst.com/bg/ezhedneven-bletin-za-kachestvoto-na-atmosferniya-vazduh-v-stranata-/
https://www.moew.government.bg/bg/prescentur/upravlenie-na-vodite/dneven-byuletin/

https://www.investor.bg/ikonomika-i-politika/332/a/novo-zveno-shte-nabliudava-upravlenieto-na-vodite-otpadycite-i-kachestvoto-na-vyzduha-298623/
https://www.voda.bg/news-94
https://www.riew-sofia.org/

https://nwms.eea.government.bg/app/base/home

50	**Has open data had a low/medium/high impact on raising awareness on the noise level in cities? Please provide examples of how open data that has been used in research or to develop applications on the topic (whether developed by government or by civil society).**	x	**high**
			medium
			low
			I don't know

o If yes, please provide examples and the URLs to both the data sets and the respective use cases to support your answer.

http://www.isofmap.bg – maps of noise, bicycle lanes, validation and many others
https://lima.api.bg/privacy/index
Application of the Road Infrastructure Agency
https://www.bgmaps.com/map/sofia
https://schedules.sofiatraffic.bg/
https://www.varnatraffic.com/
https://www.sofiatraffic.bg/bg/transport/routeChanges/p/1
https://samoletnibileti.check.bg/bg/schedule
https://www.sofia-airport.bg/%D0%BF%D1%8A%D1%82%D0%BD%D0%B8%D1%86%D0%B8/%D0%BF%D0%BE%D0%BB%D0%B5%D1%82%D0%BD%D0%B0-%D0%B8%D0%BD%D1%84%D0%BE%D1%80%D0%BC%D0%B0%D1%86%D0%B8%D1%8F/%D0%B8%D0%B7%D0%BB%D0%B8%D1%82%D0%B0%D1%89%D0%B8
https://ekotaxi.bg/en/home-2/
https://tickey.me/sofia/

http://www.plovdiv.webnoise.eu/index_en.php

http://eea.government.bg/bg/soer/2015/noise/index

51	**Has open data had a low/medium/high impact on dealing with waste management aspects? Please provide examples of how open data that has been used in research or to develop applications on the topic (whether developed by government or by civil society).**	x	**high**
			medium
			low
			I don't know

o If yes, please provide examples and the URLs to both the data sets and the respective use cases to support your answer.

https://waste.sofia.bg/information/
https://data.egov.bg/organisation/e3d162cf-10ab-4808-a065-cd5380fbafca/datasets

https://gabrovo.bg/bg/page/1229
https://tesy.bg/obslujvane-na-k3a рециклиране на техника
For equipment recycling

https://spto.bg/

https://spasovitrans.com/%D1%81%D1%8A%D0%B1%D0%B8%D1%80%D0%B0%D0%BD%D0%B5-
%D0%BD%D0%B0-%D0%B1%D0%BE%D0%BA%D0%BB%D1%83%D0%BA-%D0%BF%D0%BE-
%D0%B4%D0%BE%D0%B3%D0%BE%D0%B2%D0%BE%D1%80-%D0%B7%D0%B0-
%D0%BF%D1%80%D0%B5%D0%B4%D0%BF/

https://ecorecycle-bg.com/

https://inspectorat-
so.org/%D0%B3%D1%80%D0%B0%D1%84%D0%B8%D1%86%D0%B8/%D0%B3%D1%80%D0%B0%D1%84%D0
%B8%D1%86%D0%B8-
%D0%B5%D0%B4%D1%80%D0%BE%D0%B3%D0%B0%D0%B1%D0%B0%D1%80%D0%B8%D1%82%D0%B5%D
0%BD-%D0%BE%D1%82%D0%BF%D0%B0%D0%B4%D1%8A%D0%BA

http://www.ecocollect.bg/za-nas

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52 | **Has open data had a low/medium/high impact on enabling more environmental-friendly transport systems in cities? Please provide examples of how open data that has been used in research or to develop applications on the topic (whether developed by government or by civil society).** | **x** high
| | medium
| | low
| | I don't know

o If yes, please provide examples and the URLs to both the data sets and the respective use cases to support your answer.

We believe that we have given good enough examples and solutions.
However another good example with an application are scooters for rent.
https://shareascoot.bg/
https://play.google.com/store/apps/details?id=bg.shareascoot.app
https://hobo.bg/
Hobo is a service that gives you the freedom to choose a new, fun and environmentally friendly mode of transport in the heart of Sofia.

https://evpoint.bg/app
https://eldrive.eu/karta-zarqdni-stancii/
https://zanas.kaufland.bg/otgovornost/elektromobilnost-kaufland.html
Kaufland Bulgaria has seven electric charging stations on the territory of its sites in Bulgaria. The stations can charge two electric cars at the same time and are completely free for all owners of electric cars.
https://ednodarvo.io/locations/o4LrvXYb - site for monitoring, protection and conservation of trees in Sofia
o
https://l.facebook.com/l.php?u=https%3A%2F%2Fplay.google.com%2Fstore%2Fapps%2Fdetails%3Fid%3Dco
m.Luminous.GuideAR%26fbclid%3DIwAR0o279DWT0BnwLxOEdmxpjm9slzABNE78L_K0xcuxkgdJmN6jScenVkl
uI&h=AT09fFnOjFWZLvkbts4W8B2a-
r_6AdMTevGOq1Q50ciNTfpjt_ZCdXoH8RdlvTKtuCQGRZDe5pD_GxIcczkXoYvB9nVf8pAzumPN99kd0AUFZGiOlZ
iofkzz9SM2-wbmDvFNaJ2- mobile application with added reality - a guide for Sofia
o navigation with public transport with Google Earth, and other mobile applications - Sofbus 24, moovit and others. (https://play.google.com/store/apps/details?id=bg.znestorov.sofbus24.main; https://moovitapp.com/)

https://swiss-contribution.bg/uploads/manager/source/SUMP%2021-05-2019.pdf
The main subject of the plan for sustainable urban mobility of Sofia Municipality is the development of a strategic document, covering the period 2018-2035 and setting the main guidelines for sustainable development of mobility in Sofia.
https://spark.bg/

2.5 Economic impact

53 | **Have you or other public sector stakeholders active in this field launched or performed any activities in the past year to monitor the economic impact of open data (such as systematic monitoring, commissioning studies, surveys)?** | **x** yes
| | no
| | I don't know

o If yes, please provide examples and the URLs to support your answer.

The macroeconomic forecast of the Ministry of Finance is published twice a year, in spring and autumn. This is the official economic forecast of the Government of the Republic of Bulgaria. The forecast is used for the development of the state budget of the country and is part of a number of important documents such as: the Budget Report, the Three-Year Budget Forecast, the Convergence Program. The horizon of the forecast is the current plus the next three years. In addition to the table attached here, which includes reporting and forecast data of key macroeconomic indicators, the text of the forecast, which includes analysis and graphical images, is published on the website of the Ministry of Finance.
https://www.minfin.bg/bg/transparency
https://www.minfin.bg/bg/792
https://www.minfin.bg/bg/1127
https://e-gov.bg/wps/portal/agency/systems/info-systems/e-authentication/!ut/p/z1/nVXdbpswGH2aXlo2tjH2JSG_bZNAUpqGm8mAab0lkCY0Xfb0M1ukqUE16YyEsHUOnHP8-QMm8AkmpTzqZ1nrqpQbM18n7Ns44r4z5_huNEQcRX5I4zAKopi6cPURgPoG4I_vZ7HgQwcFFCbX8NEnw0fX8cNw5I9HHCEnYD0UhZ7X6zkTjFxm5TPa0j-gDEWM-b4b-PjBsfPnLf_zZeygaMr790vGnWDidul_hAlMdpnO4ZqkJGdKYMDSHAOauhikmciA45
Системата електронна автентикация предоставя единна централизирана услуга за автентикация (SingleSign-On), като издава атестати, идентифициращи потребителите в информационната среда на електронното управление.
The electronic authentication system provides a single centralized authentication service (SingleSign-On) by issuing certificates identifying users in the information environment of e-government.
http://2020.eufunds.bg/bg/0/0/Project/BasicData?contractId=QXzFvsU0aYY%3D&isHistoric=False
https://www.chambersz.com/proekt-povishavane-na-grajdanskoto-uchastie-za-formirane-na-publichni-politiki-za-zadarjane-i-privlichane-na-rabotna-sila-45159
Increasing Civil Participation In The Formation Of Public Policies For Retaining And Attracting The Labor Force

https://www.bnb.bg/AboutUs/AUFAQ/CONTR_BNBSTATPORTAL_FAQ

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54   **Has open data had a low/medium/high impact at macro-economic level in your country? Please provide examples of how open data that has been used in research or to develop applications on the topic (whether developed by government or by civil society).**

x	**high**
	medium
	low
	I don't know

o If yes, please provide examples and the URLs to both the data sets and the respective use cases to support your answer.

For example https://www.bnb.bg/
https://www.bnb.bg/Statistics/StMacroeconomicIndicators/index.htm
The main goal of the Bulgarian National Bank is to maintain price stability by ensuring the stability of the national currency. The Bank assists in the establishment and operation of efficient payment systems and supervises them. It is the only issuing institute in Bulgaria and maintains the available money circulation. The BNB regulates and supervises the activities of other banks in the country in order to maintain the stability of the banking system and protect the interests of depositors. The Bank conducts research, collects, summarizes and analyzes statistical data.
From January 1, 2007 (with the accession of Bulgaria to the European Union) the Bulgarian National Bank participates in the European System of Central Banks

https://investsofia.com/pazarni-danni-i-analizi/
https://innovativesofia.bg/en/reports-and-brochures-2/
https://innovativesofia.bg/en/sofia-statistics/
https://innovativesofia.bg/en/news-type/page/15/

https://www.minfin.bg/bg/1523
This portal reflects a transparent macroeconomic situation and current current financial situation in Bulgaria.
https://www.minfin.bg/bg/1130
The macroeconomic forecast of the Ministry of Finance is published twice a year.
This portal reflects a transparent macroeconomic situation and current current financial situation in Bulgaria.
https://www.minfin.bg/bg/1165
https://www.sofia.bg/documents/20182/8243533/Sofia+Economic+Forecast+IME+2020-2021.pdf/94c3b3f9-0a7a-444e-9080-21d2dcd3fa6f
Macroeconomic analysis and forecast for the needs for preparation of the budget of Sofia Municipality for 2021

Provision of mobile telephone services for the needs of the Ministry of Finance "Lot № 1:" Provision of

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55   **Has open data had a low/medium/high impact at micro-economic level in your country? Please provide examples of how open data that has been used in research or to develop applications on the topic (whether developed by government or by civil society).**

x	**high**
	medium
	low
	I don't know

o If yes, please provide examples and the URLs to both the data sets and the respective use cases to support your answer.

https://smedata.eu/index.php/bg/smedataarhiv-bg/obzor/

Raising awareness and organizing trainings
Self-assessment and awareness-raising tool based on the specific needs and processes of personal data protection in SMEs
Development of a mobile application for citizens and SMEs
Dissemination and communication of the result.
The link works with the Chrome browser successfully.
The second link does not work, but the others are very successfully developed and working.

https://www.leaderisperih.eu/

http://edu.parks.bg/

https://www.regionalprofiles.bg/bg/rpdata/
https://cio.bg/management/2009/02/11/3450052_tehnologii_za_3d_modelirane_i_gis_optimizirat/

Solutions for city optimization

https://innovativesofia.bg/project/prisaedinyavane-kam-edinniya-model-za-e-uslugi/

http://digilib.nalis.bg/dspviewerb/srv/viewer/eng/6b418cf6-a814-4d4f-bb62-b3373240f83d?tk=a0GM9qgUTU-7YrM3MkD4PQAAAABgsPCn.0Ge0fWXNDXgJjI1uNJ7YRQ&citation_url=/xmlui/handle/nls/34176

56	Has open data had a low/medium/high impact on economic benefits for public administrations in your country? Please provide examples of how open data that has been used in research or to develop applications on the topic (whether developed by government or by civil society).	x	high
			medium
			low
			I don't know

o If yes, please provide examples and the URLs to both the data sets and the respective use cases to support your answer.

http://2020.eufunds.bg/bg/0/40/Project/Activities?contractId=ZXIiZCFNRoY%3D&isHistoric=False
A typical example of high impact of open data, in which the project proposal is aimed at improving the management and effectiveness of policies in the municipality of Pomorie through a partnership between the administration, citizens and business.

http://2020.eufunds.bg/bg/0/40/Project/Activities?contractId=ZXIiZCFNRoY%3D&isHistoric=False
The project "Civic participation and public control in the decision-making process" aims to increase civic activity in three municipalities: D. Mitropolia, Levski and Belene to build new mechanisms for local communities to participate in the decision-making process at the local level . In the course of the project the community attitudes, priority community problems and the civic resources of the three communities, as well as successful practices of direct civic participation in the local self-government were studied.

http://2020.eufunds.bg/bg/0/179/Project/Activities?contractId=rxkINkxLi%2Fo%3D&isHistoric=False
The project will help citizens and businesses to have an increased opportunity to participate in the work of state bodies and institutions and to influence decision-making, development and implementation of policies, strategic documents, laws and other regulations in order to achieve maximum coherence and consensus between them and the state in the relevant area of society - energy efficiency.
http://2020.eufunds.bg/bg/0/137/Project/Activities?contractId=lE6zAo60kK4%3D&isHistoric=False

http://2020.eufunds.bg/bg/0/151/Project/Activities?contractId=RDUFbau%2FA9Q%3D&isHistoric=False

http://2020.eufunds.bg/bg/0/35/Project/Activities?contractId=338vAZ4tdYQ%3D&isHistoric=False
The Association "Ecology and Energy Development of the Balkans" is a non-governmental organization whose main goal is to promote issues related to environmental protection and its sustainable development by organizing trainings, conferences and conducting studies to provide up-to-date data.

https://www.investbg.government.bg/bg

End of Dimension 2: Open Data Impact

#REF!

Dimension 3: Open Data Portal

This part of the questionnaire is dedicated to assessing the solution your country chose for making the available open data discoverable. Typically, this is achieved through a national open data portal.
For simplicity, the following section will refer to this solution as the "national portal".
Please provide where requested the URLs to the features inquired with the respective question. If access to the feature is restricted (back-end feature, log-in required), please provide a screenshot via e-mail as additional attachment. Please answer the questions below only in relation to the portal you indicated as the national portal of reference. Only URLs documenting the features available on this portal will be considered and scored.
Please note: Should neither a URL nor screenshot be provided, the answer will not be scored.

Please fill out all the questions by selecting the answer option by marking it with an "x" in the boxes. If applicable, please provide additional information in the grey text box containing "Please fill your answer here".

Question	Answer options

3.1 Portal features

#	Question	Answer
57	**Is there a national portal in your country for making open data and PSI discoverable?**	[x] yes / [ ] no

o If yes, please provide the URL of the national portal.
o If no, please describe how you ensure the discoverability of the open data available in your country.
https://data.egov.bg/

| 58 | **Does the national portal offer an advanced data search function (multiple field search, filter options etc.)?** | [x] yes / [ ] no |

| 59 | **Does the national portal offer the possibility for users to download data sets?** | [x] yes / [ ] no |

| 60 | **Does the national portal offer the possibility for users to search by file format?** | [x] yes / [ ] no |

| 61 | **Does the national portal offer the possibility for users to search by data domain?** | [x] yes / [ ] no |

| 62 | **Is the national portal planning to promote (or already is promoting) high-value datasets (e.g., by adding filtering features, editorial features, changes to navigation)?** | [x] yes / [ ] no |

o If yes, please describe these plans or if applicable provide the direct-URL to this feature.
https://data.egov.bg/dataviz?section=17&item=46

| 63 | **Does the national portal offer to its users a way to programmatically query the metadata, e.g., via an API or a SPARQL access point?** | [ ] yes / [x] no |

o If yes, please provide the direct-URL to this feature.
Please fill your answer here.

| 64 | **Does the national portal offer a feedback mechanism at data set level?** | [x] yes / [ ] no |

o If yes, please provide the direct-URL to this feature.
Each resource in a dataset has an option to provide feedback.
https://data.egov.bg/data/reported

| 65 | **Does the national portal offer a general feedback mechanism for users?** | [x] yes / [ ] no |

o If yes, please provide the direct-URL to this feature.
https://data.egov.bg/contacts?section=2&item=2

| 66a | **Does the national portal offer the possibility for users to request data sets?** | [x] yes / [ ] no |

o If yes, please provide the direct-URL to this feature.
https://data.egov.bg/request

| 66b | **If yes, what is the frequency of these requests?** | [ ] Daily / [ ] Weekly / [x] Monthly / [ ] Less frequently than |

| 67 | **Are these requests and their progress status presented in a transparent manner on the national portal ?** | [x] yes / [ ] no |

o If yes, please provide the direct-URL to this feature.
https://data.egov.bg/admin/data-requests/list?order=status&page=10

68a Does the team monitor the extent to which requests (either via the portal or otherwise) result in the publication of the requested data? | **x** yes | no

o If yes, please describe how this monitoring is conducted.

There is a section "Data Request" (https://data.egov.bg/request), in which we monitor the progress of each case on the requested information and its subsequent publication in order to most effectively assist the data holder.

68b If yes, to what degree do these requests result in the publication of the requested data?

	All datasets
	The majority of data
x	Approximately half (
	Few datasets
	None of the datasets

69 Does the national portal allow users to see what data exists but cannot be made available as open data? | **x** yes | no

o If yes, please provide the URL to an example and briefly describe the approach used to ensure this transparency.

https://data.egov.bg/document
https://data.egov.bg/news
https://data.egov.bg/data
Only open data and text documents are published on the open data portal. All published data so far meet the definition of data openness and are provided free of charge. Including a lot of data that is usually paid for in the public sector organizations of the portal are provided free of charge.

70 Does the national portal offer the possibility for users to receive notifications when new data sets are available on the national portal (RSS, ATOM feeds, email notifications etc)? | **x** yes | no

o If yes, please provide the direct-URL to this feature.

0 *https://data.egov.bg/datasets/rss*
On organisation level:
https://data.egov.bg/datasets/b93a0a74-4f8d-430a-884c-35e68c2d05b8/rss

71 Does the national portal provide a mechanism for users to rate data sets ? | **x** yes | no

o If yes, please provide the direct-URL to this feature.

As "reported" datasets, the Portal users can rate the quality of the dataset and require improvement of the service.
o https://data.egov.bg/data/reported

72 Does the national portal offer the possibility to link documentation and supporting materials to a given data set? | **x** yes | no

o If yes, please provide the direct-URL to this feature.

It is possible by "Add resource" functionality (for registered users only)
https://data.egov.bg/admin/organisations/cfaae345-6199-4c4c-8ded-
c327a146ab29/dataset/resource/create/5c01e367-bd72-4c27-a8d5-ee2c61cc0d50

73 Does the national portal have a designated area to showcase use cases? | **x** yes | no

o If yes, please provide the direct-URL to this feature.

https://data.egov.bg/dataviz?section=17&item=46

74 Does the national portal provide the possibility for users to submit their own use cases? | yes | **x** no

o If yes, please provide the direct-URL to this feature.

Please fill your answer here.

75 Does the national portal reference the data sets that the showcased use cases are based on? | **x** yes | no

o If yes, please provide the URL to this feature/ to an example documenting this feature.

https://public.tableau.com/views/NewRegCarsComparisonDashboard2020-
2021/NewRegCarsComparisonDashboard?:language=en&:embed=y&:display_count=y&:origin=viz_share_link

76 Does the national portal include a discussion forum for users (whether data providers or re-users)? | **x** yes | no

o If yes, please provide the direct-URL to this feature.

https://data.egov.bg/forums/discussion/transport/forum-za-kategoriya-transport;
https://data.egov.bg/forums/discussion/obrazovanie/forum-kategoriya-obrazovanie

77 Does the national portal offer a preview function for tabular data? | **x** yes

			no

o If yes, please provide the URL to an example documenting this feature.

https://data.egov.bg/organisation/datasets/resourceView/d5feeb54-359a-47a7-ba37-1b380f12ba63

78	**Does the national portal offer a preview function for geospatial data?**	x	yes
			no

o If yes, please provide the URL to an example documenting this feature.

https://data.egov.bg/covid-19?section=8&subsection=18&item=39 ; It is currently being developed and is available on the test environment of the Bulgarian open data portal (https://testdata.egov.bg/) - https://testdata.egov.bg/dataviz?section=17&item=50

79	**Does the national portal provide guidelines and tools for data publishers to improve the quality of their data publication?**	x	yes
			no

o If yes, please provide the direct-URL to this feature.

Technical Guidelines and Instructions for uploading data sets in open format on the National Open Data Portal (http://www.strategy.bg/FileHandler.ashx?fileId=7339)
Instruction for installing the Automated Data Input Tool (https://data.egov.bg/document/view/6)
User instructions for the Open Data Portal (https://data.egov.bg/help)
Instructions for the main administrators, roles and functions of the Open Data Portal

3.2 Portal usage

80	**Is the national portal mobile responsive?**	x	yes
			no

81a	**Do you perform any activities to ain insight into the portal's usage (e.g., web analytics, surveys, or analysis of social media feeds)**	x	yes
			no

o If yes, which tool(s) do you use?

Google Analytics, own portal tool for analytics. We found out which are the most frequently sought data sets from citizens and businesses; Where problems are observed when publishing (automated or manual), improving their quality. Social Media feeds: https://twitter.com/opendata_bg ; https://www.facebook.com/opendatabg ; https://www.linkedin.com/company/opendatabg

81b	**If yes, are these insights (e.g., traffic and usage statistics) used to improve the portal?**	x	yes
			no

o If yes, what insights did you gain last year from the reviews of these analytics?

There is a great public interest on the part of citizens and businesses regarding the presentation of data in an attractive and accessible way on ecology, the automotive sector, the public sector, education, transport and others.

82	**What is the typical profile of the portal visitor, as learned from activities such as web analytics, surveys, or social media analyses?**		Mostly businesses
			Mostly public sector
			Mostly citizens
		x	A bit of everything, r
			I don't know

83	**Does this profile match the type of audience your national portal wants to cater to?**	x	yes, entirely
			yes, but only partially
			no

o If only partially, please specify which audience groups are missing.
o If no, please briefly explain why.

Please fill your answer here.

84	**How many unique visitors visit the national portal on average per month?**	x	see answer box
			I don't know

o Please fill the average number per month in 2019 and select 'see answer box'

21000

85	**What percentage of the visitors to the national portal is foreign?**	x	see answer box
			I don't know

o Please fill the percentage below and select 'see answer box'.

7

86	**Do you monitor what keywords are used to search for data and content on the portal?**	x	yes

		no

87   **Do you take measures to optimise the search and discoverability of content (data and editorial)?** | x | yes
| | no |

o If yes, please briefly describe.

When approving data from the Portal administrators, additional tags are added to associate the corresponding set with sematically close words and expressions

88   **Do you monitor the most and least consulted pages?** | x | yes
| | no |

89   **What are the top five data categories on the portal, with 1 being the most popular one?** | x | see answer box

    | | I don't know |

o Please indicate 1 = category X, 2 = category Y etc. using the categories from question 9 of this questionnaire and select 'see answer box'

1 Health
2 Education, Culture and Sports
3 Agriculture, fisheries and aquaculture, forestry, food
4 Economy and finance
5 Environment

90   **What data sets are most frequently consulted on the portal, with 1 being the most popular one?** | x | see answer box

    | | I don't know |

o Please indicate 1 = name dateset X, 2 = name dataset Y etc. and select 'see answer box'

1 Dataset: Statistics on the COVID-19 spread in Bulgaria
2 Dataset: Register of doctors in the Republic of Bulgaria
3 Dataset: Average success from the national external evaluation – 7 grade on subjects in points for 2019
4 Dataset: Commercial Register
5 Dataset: Register of concessions for mining of underground resources

91   **Is the metadata on your portal available in clear plain language as well to enable both humans and machines to read and understand it?** | | yes
| x | no |

o If no, please briefly explain why.

Please fill your answer here.

92   **Do you run analytics on API usage, if metadata describing the datasets is accessible via an API?** | x | yes
| | no |

93   **If yes, what percentage of outgoing portal traffic is generated by API usage only?** | x | see answer box

    | | I don't know |

o Please fill the percentage below and select 'see answer box'.

About 6%

3.3 Data provision

94   **To what degree do public sector data providers contribute data to the portal?**

	All public sector data providers
x	**The majority of public sector data providers**
	Approximately half of the public sector data providers
	Few public sector data providers

o Please describe what is the agreed approach.
o If less than the majority of data providers, please briefly explain why (e.g. technical incompatibilities, governance aspects, low awareness etc).

Please fill your answer here.

95 **Do you identify the data providers that are not yet publishing data on the national portal?** | x | yes, or all public sect
| | no

96 **Were there concrete actions taken to assist these data providers with their publication process?** | x | yes
| | no

o If yes, could you provide some examples of the actions taken in this regard.

There were trainings and handbooks to help them in publication process. There are consultations by email or by phone if necessary.

97a **Does the national portal include datasets that are real-time or dynamic?** | x | yes
| | no

o If yes, please provide URLs to real-time and/or dynamic data featured via the national portal.
https://data.egov.bg/stats?section=1&item=1

97b **If yes, what percentage of metadata links to such data?** | | >30%
| | 21-30%
| | 11-20%
| x | 1-10%

98 **Does the national portal provide the possibility to publish non-official data (not stemming from official sources, such as crowd-/ community-contributed data)?** | | yes
| x | no
| | not applicable

o If yes, please provide the URL to this section.
o If not applicable, please briefly explain why.
Please fill your answer here.

3.4 Portal sustainability

99 **Does the national portal have a strategy to ensure its sustainability?** | x | yes
| | no

o If yes, please provide the URL to this document.
https://data.egov.bg/document/view/13

100 **Does this strategy include a description of the portal's target audience and measures to reach this audience?** | x | yes
| | no

101 **Do you take actions to promote the national portal's activities and the available open data?** | x | yes
| | no

o If yes, please provide at least one example of such activities.
Open Data Conference - Challenges and Opportunities for Development https://www.bnr.bg/post/101203370/konferencia-na-tema-otvorenite-danni-predizvikatelstva-i-vazmojnosti-za-razvitie-v-sofia; The Institute of Public Administration organized the trainings in the period from June 2019 to May 2020; Promoting open data and the National Portal via Twitter;

102 **Is your national portal active on social media ?** | x | yes
| | no

o If yes, please provide the URL(s) to your social media accounts.
https://twitter.com/DataEgov ; https://www.linkedin.com/company/opendatabg/ ;
https://www.facebook.com/opendatabg

103 **Are the portal's source code as well as relevant documentation and artifacts made available to the public?** | x | yes
| | no

o If yes, please provide platform name and the URL to the portal's account on this platform.
GitHub
https://github.com/governmentbg/data-gov-bg

104 **Was there a user satisfaction survey concerning the national portal conducted in the past year?** | x | yes
| | no

o If yes, please briefly describe the key findings gained through this survey.

ttp://www.opendata.ngolinks.eu/cdir/opendata.ngolinks.eu/files/01_02_usability-analysis.pdf

https://online.marketlinks.bg/panel/survey/e064cba7f0b6fc454fba067dd49e7c79/

In addition, the newly developed Statistics section (https://data.egov.bg/statistika?section=1&item=1) is used to monitor and analyze data consumption.

Although the open data in the country are not used well enough, the number of satisfied users and the quality of the data on the open data portal are constantly increasing. We receive letters of thanks by e-mail and comments on social networks about the quick response to a problem, providing new data on request, improving the quality of a specific set of data, etc. Nubmer of data users is increasing too. Some information about usability is visible here: https://data.egov.bg/statistika?section=1&item=1. Covid data feedback is very regular.
https://data.egov.bg/covid-19?section=8&item=26
Twitter: @opendata_bg
Facebook: Data.egov.bg
LinkedIn: Data.egov.bg

105a	**Is there a process by which the portal is reviewed and improved regularly?**	**x**	**yes**
			no

o If yes, please briefly describe this process.

A two-year contract has been signed for out-of-warranty maintenance of the portal. The maintenance activities are reported monthly, they also include activities for partial refinements of the portal's functionalities. Every month, within the data department, proposals are given for optimization of the functionalities of the portal, which are assigned to the maintenance company. After execution and tests, the optimized functionalities are implemented in the production environment of the portal.

105b	**If yes, what is the frequency of these reviews?**	**x**	**quarterly**
			bi-annually
			annually
			less frequently

106a	**Do you monitor the characteristics of the data published on the portal, such as the distribution across categories, static vs. real-time data and how these change over time?**		**yes**
		x	**no**

o If yes, please provide the direct-URL to this feature.

Please fill your answer here.

106b	**Does this monitoring enable the portal team and/or data providers to take action to improve their performance on the national portal?**		**yes**
		x	**no**

o If yes, please explain how and if applicable provide the direct-URL to this feature.

Please fill your answer here.

End of Dimension 3: Open Data Portal

#REF!

Dimension 4: Open Data Quality

Please fill out all the questions by selecting the answer option by marking it with an "x" in the boxes. If applicable, please provide additional information in the grey text box containing "Please fill your answer here".

In section 4.3 DCAT-AP Compliance, the focus is on DCAT-AP exclusively. We are aware that many of the respondents may be compliant with other EU standards, such as INSPIRE. For the purpose of this assessment, only DCAT-AP and its country-specific profiles are relevant.

Question	Answer options
4.1 Currency and completeness	

107	**Is there a pre-defined approach to ensure that metadata is kept up-to-date?**		**yes**
		x	**no**

o If yes, please briefly describe your approach.

Please fill your answer here.

108	**What percentage of the metadata is obtained from the source automatically, rather than edited manually?**		**100%**

	90-99%
	70-89%
	50-69%
	30-49%
x	<30%

109 **What is the average delay from the moment the metadata describing a dataset is updated at your source, and the moment the change is visible on the portal (whether the process is automated or not)?**

x	within one day
	within one week
	within one month
	longer than one mor

o What type of data does this mainly concern?

All that are to be updated within the year, in order to unify the quality and model of the data in order to comply with the guidelines established in the regulations.

110 **Where applicable, to what degree does the published data cover the full period from when it was first published until today? (for example, complete time series whether available for download or through an API)**

	All datasets
	The majority of data
x	Approximately half c
	Few datasets
	None of the datasets

4.2 Monitoring and measures

111a **Do you monitor the quality of the metadata available on your portal?**

x	yes
	no

o If yes, please briefly explain how this monitoring takes place. If applicable, please provide the URL to this monitoring mechanism.

A daily review of the updated data for the current day is carried out in order to improve their quality by giving feedback on guidance to take the necessary action.

111b **Do you publish information on the quality of the metadata available on the portal?**

	yes
x	no

o If yes, please provide the URL to this section. If the information is published e.g. as .csv file, please provide the link to this source.

Please fill your answer here.

112 **Do you publish guidelines (e.g. written materials) and have tools in place, to assist publishers in choosing an appropriate licence for their data?**

x	yes
	no

o If yes, please provide the URLs to these materials and/or tools.

here is information about licences/term of uses on the portal and in the Ordinance on Standard Terms for Reusing Public Sector Information and Publishing it in Open Format.

"Terms of Use" - Under the Ordinance on Standard Terms for Reusing Public Sector Information and Publishing it in Open Format, the Terms of Use for Publishing Data include the items listed in the drop-down menu. If you wish to post your data sets under different conditions, you can request a new Terms of Service Portal Administrator by selecting the "New Terms" button. In the window that appears, you can fill in the "Description" field of the Terms of Use that you want to add. The rest of the information is filled in automatically. https://data.egov.bg/help/view/19/22#

According to Ordinance on Standard Terms for Reusing Public Sector Information and Publishing it in Open Format are available the following standard conditions in anaxes:

1. "Creative Rights Sharing." Sharing Shares. - according to Annex 3;

2. "Recognition of copyrights" No derivative and assembly work. " - according to Annex 4;

3. "Recognition of copyrights", without commercial use. - according to Annex 5;

4. "Recognizing copyrights, not using for commercial purposes." Sharing the shared. - according to Annex 6;

5. "Recognition of copyright" No commercial use. "No derivative or collective work." - according to Annex 7.

https://lex.bg/bg/laws/ldoc/2136867758

o If yes, please provide the URLs to these materials and/or tools.

113 **Did you develop your own open licence / licencing suite to foster the publication of open data in your country?**

	yes
	no
x	not applicable

o If yes, please provide the URL to the document in which this licence is described and briefly describe the main reasons for doing so and the main differences between your country's open licence and the CC licencing suite.

o If not applicable, please briefly explain why.

We use the same licences and more information is published in the ordinance (https://data.egov.bg/document/view/8) and in the Document secion on the National Open Data Portal (https://data.egov.bg/document/view/15).

114 **Do your open data publication/licensing guidelines provide recommendations for the use of Creative**

x	yes, CC licences

Commons (CC) licences or of your own licensing suite?

☐	yes, own licences
☐	no
☐	not applicable

o If yes, is this mandatory (e.g. prescribed by law) or recommended?
o If not applicable, please briefly explain why.

Mandatory, published on the Portal - https://data.egov.bg/document/view/15

---

115 **What percentage of the open data available on the national portal is accompanied by licensing information?**

x	>90%
☐	71-90%
☐	51-70%
☐	31-50%
☐	10-30%
☐	<10%

---

116 **How has the percentage of data sets accompanied by licencing information changed compared to the same period last year ?**

x	increased
☐	remained the same
☐	decreased
☐	I don't know

---

117 **Across all data sets you distribute, how many different licences are used on your portal?**

x	1-4
☐	5-10
☐	>10
☐	I don't know

---

118 **Are there regular activities conducted , or mechanisms in place, to incentivise and / or assist data providers in the publication of data in machine-readable formats?**

x	yes
☐	no

o If yes, please briefly describe.

In the beginning of 2019 started regular online meetings with open data providers about increasing of the quality of the data published on the Open Data Portal, including macine-readable format.

---

119 **Are there regular activities conducted , or mechanisms in place, to incentivise and / or assist data providers in the publication of high-quality metadata?**

x	yes
☐	no

o If yes, please briefly describe.

Coordinating mechanism on place about high value Datasets with national contact points on priority topics under PSI Directive with regular exchange of information and common work. National coordination is under State eGovernment Agency.
Also a working group was established jointly with the Association of Car Manufactures, the Executive Agency Road Transport Administration, the Ministry of Interior – as a data holder and the State e-Government Agency in order to improve the quality of the data published on the portal on Registered road vehicles for a monthly period and their unification in one with the European model of the same data.

4.3 DCAT-AP Compliance

120 **Do you supply data providers with documentation on DCAT-AP (e.g. EDP factsheets, materials published on the EC websites such as the JoinUp platform , your own documentation)?**

x	yes
☐	no

o If yes, please provide examples of this documentation and the respective URLs.

https://data.egov.bg/news/view/14

https://data.egov.bg/document/view/9

https://data.egov.bg/document/view/10

---

121 **What is the percentage of metadata on your portal that is DCAT-AP compliant, in terms of mandatory classes? (agent, catalogue, data set, literal, resource)**

☐	>90%
☐	71-90%
☐	51-70%
☐	31-50%
x	10-30%
☐	<10%
☐	no priority

o If DCAT-AP is not a priority for the portal, please explain why.

Please fill your answer here.

---

122 **What is the percentage of metadata on your portal that uses DCAT-AP recommended classes? (category, category scheme, distribution, licence document)**

☐	>90%
☐	71-90%
☐	51-70%
☐	31-50%
☐	10-30%
x	<10%
☐	no priority

o If the use of recommended classes is not a priority for the portal, please explain why.

Please fill your answer here.

123 **What is the percentage of metadata on your portal that uses DCAT-AP optional classes? (catalogue record, checksum, document, frequency)**

	>90%
	71-90%
	51-70%
	31-50%
	10-30%
x	<10%
	no priority

o If the use of optional classes is not a priority for the portal, please explain why.
Please fill your answer here.

124a **Do you investigate the most common causes for the lack of DCAT-AP compliance?**

	yes
x	no

124b **If yes, what are the main causes for the lack of DCAT-AP compliance?**

	see answer box
x	I don't know

o Please list the most common causes below and select 'see answer box'.
Please fill your answer here.

125 **What is the percentage of data sets whose metadata provides a reference to where the data can be downloaded, or its API accessed ("download-URL" in the DCAT-AP specification)?**

	>90%
	71-90%
	51-70%
	31-50%
	10-30%
x	<10%
	0%

126 **What is the percentage of data sets whose metadata provides a reference to a web page from where the data can be accessed ("access-URL in the DCAT-AP specification)?**

	>90%
	71-90%
	51-70%
x	31-50%
	10-30%
	<10%
	0%

127 **Is there a national extension of the DCAT-AP standard developed for your country?**

	yes
x	no

o If yes, please briefly outline the reasons for this decision, and what the main differences between the national variation and the EU standard are.
o If applicable, please provide the URL to the documentation of the national DCAT-AP extension.
Please fill your answer here.

4.4 Deployment quality and linked data

128 **Do you use a model (such as the 5-Star Open Data or FAIR) to assess the quality of deployment of data in your country?**

	yes
x	no

o If yes, please briefly describe.
Please fill your answer here.

129 **Do you conduct activities to promote and familiarise data providers with ways to ensure higher quality data (such as promoting the model referenced in the previous question)?**

	yes
x	no

o If yes, please briefly describe.
Please fill your answer here.

130a **What percentage of datasets is made available under a standard open licence or an explicit custom open licence, in any data format including text documents?**

	>90%
	71-90%
	51-70%
	31-50%
	10-30%
x	<10%

130b **Of the percentage indicated in the previous question (Question 28), what percentage of datasets is made available under a standard open licence or an explicit custom open licence, in a structured data format?**

	>90%
	71-90%
	51-70%
	31-50%
x	10-30%
	<10%

130c Of the percentage indicated in the previous question (Question 30), which part is also in an open and machine-readable format?

	>90%
	71-90%
	51-70%
x	31-50%
	10-30%
	<10%

130d Of the percentage indicated in the previous question (Question 31), what percentage of datasets also consistely use Uniform Resource Identifiers?

	>90%
	71-90%
	51-70%
	31-50%
	10-30%
x	<10%

130e Of the percentage indicated in the previous question (Question 32), what percentage of datasets also links to other renowned sources to provide additional context for the users, e.g. in a linked data fashion?

	>90%
	71-90%
	51-70%
	31-50%
x	10-30%
	<10%

End of Dimension 4: Open Data Quality

#REF!