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| **Component 1.1: DIGITAL SERVICES TO CITIZENS AND BUSINESSES** | |
| **Investment/ reform CID reference** | **Reform 2** |
| **Investment/ reform name** | **eHealth services** |
| **Type of change compared to CID** | Modified |
| **Legal base of the change (select at least one)** | Article 14(2) – loan request  Article 18(2) – update of the maximum financial contribution  Article 21 – amendment due to objective circumstances  Article 21a – REPowerEU non-repayable financial support (ETS revenue)  Article 21b (2) – BAR transfers  ☐ None of the above, correction of clerical error |
| **Elements modified (only for modified measures)** | Component / Measure description  Milestones and targets  Estimated cost  Green and digital tagging (potentially relevant, because there is a substantive change to the underlying measure)  DNSH self-assessment |

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| **Reform 2 eHealth services – Target 5** | | |
| *Description and justification of the change* | | |
| **Modified elements** | **Current version** | **Amended version** |
| ***Component and / or measure description*** | *This reform shall increase the digitalisation of the health sector by implementing the following activities:*  *definition of interoperability standards in accordance with the European Interoperability Framework for eHealth and definition of rules governing telemedicine;*  *creation of a service catalogue, including the following new eHealth services: (i) Catalogue of standards; (ii) Catalogue of digital services; (iii) Reference register of health professionals; (iv) Patient reference register; (v) Identification/authentication services for patients and health care professionals; (vi) Patient Summary Services; (vii) eOrder services;*  *extending the functionalities of the National Health Information Portal to include additional functionalities for the public, patients, health service providers and other authorised entities;*  *connection of the most important health service providers to eHealth services according to interoperability rules and full operation of eHealth portal with increased functionality and service catalogue;*  *strengthening the cybersecurity of the healthcare providers within the meaning of Act No 372/2011 in Prague and the cybersecurity of the government bodies under the Ministry of Health.*  *The reform shall be completed by 31 December 2025.* | *This reform shall increase the digitalisation of the health sector by implementing the following activities:*  *definition of interoperability standards in accordance with the European Interoperability Framework for eHealth and definition of rules governing telemedicine;*  *creation of a service catalogue, including the following new eHealth services: (i) Activity Journal; (ii) Catalogue of digital services; (iii) Reference register of health professionals; (iv) Patient reference register; (v) Identification/authentication services for patients and health care professionals; (vi) Patient Information Services; (vii) Reference register of health service providers;*  *extending the functionalities of the National Health Information Portal to include additional functionalities for the public, patients, health service providers and other authorised entities;*  *connection of health service providers / medical facilities to the interoperability system according to interoperability rules for eHealth services;*  *strengthening the cybersecurity of the healthcare providers within the meaning of Act No 372/2011 in Prague and the cybersecurity of the government bodies under the Ministry of Health.*  *The reform shall be completed by 31 December 2025.* |
| ***Milestones and targets*** | *1)  Description and clear definition of Target n. 5:*  *Completed projects shall include Smart quarantine 2.0; promotion of digital health services; eHealth portal solutions and secondary use of health data. These projects shall lead to the introduction of the following services:*  *(1) Catalogue of standards,*  *(2) Catalogue of digital services*  *(3) Reference register of health professionals*  *(4) Patient reference register,*  *(5) Identification /authentication services for patients and health care professionals,*  *(6) Patient Summary Services,*  *(7) eOrder services* | *1)  Description and clear definition of Target n. 5:*  *Completed projects shall include Smart quarantine 2.0; promotion of digital health services; eHealth portal solutions and secondary use of health data. These projects shall lead to the introduction of the following services:*  *(1)* ***Activity Journal****,*  *(2) Catalogue of digital services*  *(3) Reference register of health professionals*  *(4) Patient reference register,*  *(5) Identification/authentication services for patients and health care professionals,*  *(6)* ***Patient Information Services,***  *(7)* ***Reference register of health service providers*** |
| ***Estimated cost*** | *No change* | *No change* |
| ***Green and digital tagging*** | *No change* | *No change* |
| ***DNSH self-assessment*** | *No change* | *No change* |

*We propose a change in the names of services. This change does not jeopardise the commitment to implement 7 new services within this Target.*

*From the very beginning, the purpose of the projects implemented under Target 5 was aimed at the implementation of eHealth services, which were planned within the framework of the brand new Czech Act on the Digitalisation of Healthcare. Due to the covid-19 pandemic and the resulting different priorities, the approval of the law has been postponed several times and the proposal has undergone substantial changes. The purpose of the projects implemented under Target 5 remains same, i.e. to implement eHealth services according to the new law so that they comply with applicable legislation.*

*1)* ***Catalogue of standards —˃ Activity journal***

*The Catalogue of standards was inappropriately listed in the original request. It is not exactly an eHealth service. Therefore, the catalogue of standards must be replaced by a service that is newly legislatively anchored as a central service to citizens in Act 325 on the digitalisation of healthcare and which will have a significant contribution to the digitalisation of society and to our citizens. This will support patients' awareness of their electronically centrally kept records. This is a change depending on the Czech legislation.*

*(6)* ***Patient Summary Services —˃ Patient Information Services***

*From the beginning, it was intended to be a comprehensive information service for patients.  Since the original term was not appropriately chosen and its unclear interpretation could occur in the future, it is only a clarification and concretization of the performance of the service. Patient summary is terminus technicus within the eHealth nomenclature and was created in milestone 3. The goal of Patient Information services is to create a space where the patient will have information about his health condition.*

*(7)* ***eOrder services —˃ Reference register of health service providers***

*This is really a proposal that changes the content of the service. The Information system eOrder services has been in operation since 2021 – see Vaccination Portal (uzis.cz). Taking into account the fact that this system is planned to be shut down by 2025, we propose, according to Act 325/2021 a more efficient use of funds, namely for the newly built system Reference register of health service providers. The Reference register is central register for patients providing uniform data on health service providers in the Czech Republic.*

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| **Component 1.1: DIGITAL SERVICES TO CITIZENS AND BUSINESSES** | |
| **Investment/ reform CID reference** | **Reform 2** |
| **Investment/ reform name** | **eHealth services** |
| **Type of change compared to CID** | Modified |
| **Legal base of the change (select at least one)** | Article 14(2) – loan request  Article 18(2) – update of the maximum financial contribution  Article 21 – amendment due to objective circumstances  Article 21a – REPowerEU non-repayable financial support (ETS revenue)  Article 21b (2) – BAR transfers  ☐ None of the above, correction of clerical error |
| **Elements modified (only for modified measures)** | Component / Measure description  Milestones and targets  Estimated cost  Green and digital tagging (potentially relevant, because there is a substantive change to the underlying measure)  DNSH self-assessment |

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| **Reform 2 eHealth services – Target 6** | | |
| *Description and justification of the change* | | |
| **Modified elements** | **Current version** | **Amended version** |
| ***Component and / or measure description*** | *This reform shall increase the digitalisation of the health sector by implementing the following activities:*  *definition of interoperability standards in accordance with the European Interoperability Framework for eHealth and definition of rules governing telemedicine;*  *creation of a service catalogue, including the following new eHealth services: (i) Catalogue of standards; (ii) Catalogue of digital services; (iii) Reference register of health professionals; (iv) Patient reference register; (v) Identification/authentication services for patients and health care professionals; (vi) Patient Summary Services; (vii) eOrder services;*  *extending the functionalities of the National Health Information Portal to include additional functionalities for the public, patients, health service providers and other authorised entities;*  *connection of the most important health service providers to eHealth services according to interoperability rules and full operation of eHealth portal with increased functionality and service catalogue;*  *strengthening the cybersecurity of the healthcare providers within the meaning of Act No 372/2011 in Prague and the cybersecurity of the government bodies under the Ministry of Health.*  *The reform shall be completed by 31 December 2025.* | *This reform shall increase the digitalisation of the health sector by implementing the following activities:*  *definition of interoperability standards in accordance with the European Interoperability Framework for eHealth and definition of rules governing telemedicine;*  *creation of a service catalogue, including the following new eHealth services: (i) Activity Journal; (ii) Catalogue of digital services; (iii) Reference register of health professionals; (iv) Patient reference register; (v) Identification/authentication services for patients and health care professionals; (vi) Patient Information Services; (vii) Reference register of health service providers;*  *connection of health service providers / to the interoperability system according to interoperability rules for eHealth services;*  increase the number of telemedicine services available to patients.  *The reform shall be completed by 31 December 2025.* |
| ***Milestones and targets*** | *1)  Name*  *Connection of health service providers / medical facilities to eHealth services according to interoperability rules and full operation of eHealth portal with increased functionality and service catalogue*    2) Description  The measure should result in connecting healthcare providers in an interoperable system to e Health portal, which the providers shall be able to use for entry of information and communication with inter alia citizens, health service providers and health insurance companies. | *1) Name o*  ***Connection of healthcare providers to the interoperability*** system according to interoperability ***rules for eHealth services***    2) Description  ***The measure should result in connecting healthcare providers t***o ***an interoperable system according to interoperability rules for eHealth services*** |
| ***Estimated cost*** | *No change* | *No change* |
| ***Green and digital tagging*** | *No change* | *No change* |
| ***DNSH self-assessment*** | *No change* | *No change* |

*As an indicator of the area, the interconnection of 15 hospitals within the framework of interoperability II was chosen. However, the original vision that this would be done through the eHealth portal is no longer valid. The eHealth portal itself is now under construction this time, but will serve as an interface between patients and hospitals for entering certain requests and consents. The portal itself will not be used to exchange information as part of interoperability.* ***it is not technically and architecturally feasible****.*

*The information provided is in accordance with Act No. 352/2021, on the electrisation of health care and decree 279/2020 about requirements for maintaining health documentation for health care providers. Within the framework of this law,* ***the portal solution is intended only for patient communication. The mere mediation of data exchange between health service providers by any portal technology is not technically relevant,*** *as it is feasible to transmit a standardised document without the need for human intervention between information systems within the standard FHIR interfaces through National eHealth Contact Point – more see milestone 3. Portal technology is generally not suitable for standardized exchange of large volumes of data in an automated format.*

*However, the planned objectives will be fully achieved. The applicant (Ministry of Health) has built eHealth standards that define 4 priority categories of electronic health record.* ***The funding from the NPO under Interoperability II. will be used to implement the standards in the information systems of 15 hospitals****. The implementation could cover the hospital information system, the laboratory system and at the same time selected clinical information systems and PACS, based on selected standard.*

*After implementation,* ***the 15 hospitals in the interoperability ecosystem will be able to receive and send (each priority electronic health record category has at least 2 use cases) standardized categories of electronic health records to each other.*** *The electronic health record will be simultaneously processed by internal systems and incorporated into internal processes and procedures, i.e. it will be integrated into the organisation's processes and procedures so that it can be used effectively.*

*The integral part of interoperability II. also includes the implementation of patient, healthcare professional and healthcare provider identifiers in a defined form to enable patient tribe identification and ensure patient identification as part of interoperability.*

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| **Component 1.1: DIGITAL SERVICES TO CITIZENS AND BUSINESSES** | |
| **Investment/ reform CID reference** | **Investment 1** |
| **Investment/ reform name** | **Digital services for end users** |
| **Type of change compared to CID** | Modified |
| **Legal base of the change (select at least one)** | Article 14(2) – loan request  Article 18(2) – update of the maximum financial contribution  Article 21 – amendment due to objective circumstances  Article 21a – REPowerEU non-repayable financial support (ETS revenue)  Article 21b (2) – BAR transfers  ☐ None of the above, correction of clerical error |
| **Elements modified (only for modified measures)** | Component / Measure description  Milestones and targets  Estimated cost  Green and digital tagging (potentially relevant, because there is a substantive change to the underlying measure)  DNSH self-assessment |

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| **Investment 1 Digital services for end users – Milestone 7** | | |
| *Description and justification of the change* | | |
| **Modified elements** | **Current version** | **Amended version** |
| ***Component and / or measure description*** | - | *No change* |
| ***Milestones and targets*** | ***Timeline of fulfilment***  *Q4 2022* | ***Timeline of fulfilment***  *Q4 2023* |
| ***Estimated cost*** | *No change* | *No change* |
| ***Green and digital tagging*** | *No change* | *No change* |
| ***DNSH self-assessment*** | *No change* | *No change* |

*The original deadline of Q4 2022 for four online SDG procedures within NRP was set by a mistake and it is also incoherent with the rest of NRP (central part of SDG is OOTS system, which should be implemented by the end of 2023 as part of milestone 21).*

*Projects within the Framework of milestone 7 took into account the official deadline of the SDG regulation – Regulation 2018/1724 of the European Parliament and of the Council. According to this regulation, projects have a planned schedule of works with deadline in Q4 2023 in line with Article 39 (Entry into force) of this SDG Regulation. Milestone 7 consists of four online SDG procedures, all of which will be accepted and launched for public by December 2023. Setting the timeline of fulfilment to Q4 2022 was administrative error, as is apparent from the deadline in SDG Regulation (see* [*https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX%3A32012R1024&qid=1671011936749*](https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX%3A32012R1024&qid=1671011936749)*). For the SDG to be functional, an OOTS (“Once Only Technical System”) as a base infrastructure of SDG must also be implemented. OOTS is part of milestone No. 21 with a completion date of the end of 2023 in accordance with the timeline of SDG regulation.*

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| *.***Investment 1 Digital services for end users – Milestone 8** | | |
| *Description and justification of the change* | | |
| **Modified elements** | **Current version** | **Amended version** |
| ***Component and / or measure description*** |  |  |
| ***Milestones and targets*** | *Name:*  *“Connection of Sick Note system to Regional Hygiene Stations and the Smart Quarantine project developed to fight COVID-19 infection in the population and completion of development of 3 information systems”*    *Description*  *Connection of Sick Note, Regional Hygiene Station and Smart Quarantine completed aiming at reducing administrative complexity and improvement of systems developed during the COVID-19 pandemic and development and improvement of further 3 information systems: DIP – Information Obligations Database: Global Distribution System in tourism; expansion of State Material Reserves Administration (SSHR).* | *Name:*  Completion of new***information systems***        *Description*    Completion of new ***information systems***  for the following projects***: DIP – Information Obligations Database, List of forensic experts and interpreters, Client Zone and  Creation of a registration authority (Ministry of the Interior).*** |
| ***Estimated cost*** | *No change* | *No change* |
| ***Green and digital tagging*** | *No change* | *No change* |
| ***DNSH self-assessment*** | *No change* | *No change* |

Milestone n. 8 consist of four projects. One project is on track and will be completed in due time (DIP – Information Obligations Database), other three projects (Connection of Sick Note, Global Distribution System in tourism and expansion of State Material Reserves Administration (SSHR) cannot be completed in Q4 2023 and has objective reasons for cancellation. We thus propose to substitute these three projects with another three projects (List of forensic experts and interpreters, Client Zone and Creation of a registration authority at the Ministry of the Interior), which are either already completed or will be completed by the time of the original deadline Q4 2023.

**Reasons why three above mentioned projects cannot fulfill original deadline Q4 2023:**

1) Connection of Sick Note:

This project was originally included to RRF to mitigate the consequences caused by the COVID-19 pandemic. Currently, the need for implementation of this project is no longer urgent and thus not relevant.

2) Global Distribution System (GDS) project:

Analyses of the legal and administrative framework concluded, that the proposed GDS project does not have clarification on the issues of state aid according to European law, nor the conditions/possibility of a state institution entering the market environment of business platforms offering similar services. There is therefore a risk of unauthorized state aid and intervention in the environment of the single market. It is therefore proposed to remove the GDS project from the National Recovery Plan.

3) Expansion of State Material Reserves Administration:

This project cannot be implemented due to high risk of double financing. State Material Reserves Administration (SMRA) has already started implementation of project (TITISSHR110) The Generational Innovation and Service Extension program of the SMRA with same goal as the RRF project, financed by the Technology Agency of the Czech Republic – BETA 2.

**List of new projects which will serve as substitution:**

**1) List of forensic experts and interpreters** (Ministry of Justice)

Creation of a new information system that will enable forensic experts and interpreters to meet the requirements of the new legislation on forensic experts and interpreters (Act 254/2019 Coll. and 354/2019 Coll. and related decrees)

Project subject:

- development and implementation of the IS List of experts and interpreters for the management of the list and record of actions of experts, interpreters and translators, including the migration of data from the existing system.

Project schedule:

Phase 1 Development of the Implementation project - completion date 7/14/2021

Phase 2 Development and implementation of the expert list module and the interpreter list module - completion date 7/26/2021

Phase 3 Validation of the functionality of the expert list module and the interpreter list module - completion date 1/9/2021

Phase 4 Trial operation of the expert list module and the interpreter list module in the production environment, including module modifications and their review - completion date 4/19/2022

Phase 5 Provision of enhanced support for the expert list module and the interpreter list module - completion Date 10/31/2022

Phase 6 Development and implementation of the module for the registration of expert opinions and the module for the registration of actions and other functionalities of the system - completion date 8/29/2022

Phase 7 Verification of the functionality of the module for the registration of expert opinions and the module of operations and other functionalities of the system - completion date 6/10/2022

Phase 8 Trial operation of the module for the registration of expert opinions and the module for actions and other functionalities of the system - completion date 31.10.2022

Phase 9 Transition to routine operation of the System 1.11.2022

**2) Client zone (**Ministry of social affairs)

Delevoping of a "Client Zone" for clients of the Ministry of Social Affairs and Health (social benefits, pensions, etc.). An information system will be created where the client will find everything necessary for communication with the Ministry of Social Affairs - available applications, a personalized offer of applications based on the analysis of the client's data, the status of submitted and processed applications and a notification and communication center. Potential use for hundreds of thousands of users.

Project schedule until Q4 2023:

Implementation of One-off Child Benefit – online form for users

Client Zone dashboard

Definition and implementation of REST API

Implementation of Parental Allowance – online form for users

Implementation of Child Allowance - online form for users

Application for ten thousand users

3) **Creation of a registration authority at the Ministry of the Interior** (Ministry of Interior)

The goal of the project is to create a card management system to enable the movement of people in the buildings of the Ministry of the Interior; to build a registration authority at the Ministry of the Interior including HW and SW equipment and changing 6000 cards. The project scope has been developed on the level of the Governmental Council for the Information Society working group and should be also used as a „pilot project“ for the state administration and partially also for municipalities.

Project schedule until Q4 2023:

Q3 2023 – supplier selection

Q4 2023 - delivery

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| **Investment 1 Digital services for end users – Target 10** | | |
| *Description and justification of the change* | | |
| **Modified elements** | **Current version** | **Amended version** |
| ***Component and / or measure description*** | - | *No change* |
| ***Milestones and targets*** | *target: Completion of the listed projects leading to an increase of the number of filled forms sent by natural and legal persons to state authorities in a digital way (through portals or digital mailboxes) Quantitative indicator:*  *Baseline        26 839 874*  *Goal               53 679 748*    *2) Description:*  *The measures shall lead to a 100% increase in the number of electronic filled forms submitted through portals and data mailboxes between 1 January 2025 and 31 December 2025 against the reference basis of 2019.* *This shall be achieved by the completion of the following underlying projects: implementation of legislative changes in Real Estate Cadastre Information System (ISKN); new digital services for small organisations; Digital service under the Integrated Information System of the Czech Social Security Administration (IIS ČSSZ); Investment screening system; nDIS establishment new tax information system; Entrepreneur’s portal; Public Administration Portal 2.0 (Citizen’s Portal); SIS1\_Single Point of Collection – Uniform Interface for data provision; Technical and patent information system services; electronic submission to the department of the environment; development of submissions to Czech Social Security Administration and the link to digital services to the public administration; further development of the Czech Social Security Administration – Information and communication interface – Unified portal solution for work and social affairs and its connection of the digital service to public administration; development of the new web presentations for the Ministry of Foreign Affairs.* | *target: Completion of the listed projects leading to an increase of the number of filled forms sent by natural and legal persons to state authorities in a digital way (through portals or digital mailboxes) Quantitative indicator:*    ***Baseline        13 942 722***  ***Goal              27 885 444***    *2) Description:*  ***The measures shall lead to a 100% increase in the number of electronic filled forms submitted through portals and data mailboxes over one-year period against the reference basis of 2019.*** ***This shall be achieved by the completion of the following underlying projects: implementation of legislative changes in Real Estate Cadastre Information System (ISKN); new digital services for small organisations; Digital service under the Integrated Information System of the Czech Social Security Administration (IIS ČSSZ); Investment screening system; National Electronic Tool; Journal of Public Contracts; List of Qualified Suppliers; Entrepreneur’s portal; Public Administration Portal 2.0 (Citizen’s Portal); SIS1\_Single Point of Collection – Uniform Interface for data provision; Technical and patent information system services; electronic submission to the department of the environment; development of submissions to Czech Social Security Administration and the link to digital services to the public administration; further development of the Czech Social Security Administration – Information and communication interface – Unified portal solution for work and social affairs and its connection of the digital service to public administration; development of the new web presentations for the Ministry of Foreign Affairs.*** |
| ***Estimated cost*** | *No change* | *No change* |
| ***Green and digital tagging*** | *No change* | *No change* |
| ***DNSH self-assessment*** | *No change* | *No change* |

*The original 2019 baseline was an error since calculated for the entire Czechia while the goal numbers are related to 14 RRP projects only. And the original goal is just mathematical projection of the assumed target compared to that baseline. We asked gestors to fill in a table with corrected value which could be declared as relevant baseline for each particular project and for Target 10 in total (see Anx 1 – T 10 baseline filled in table). Corrected baseline value reflects either non-existence of particular information system in 2019 which means zero baseline value or, when project scope is development of new functions or interoperability of information systems the appropriate value has been filled in by project gestors as valid reference value.*

*We propose the new baseline and goal numbers as quantitative indicators based on a new inquiry within project owners.*

*The target of a 100% increase in the number of electronic filled forms will still be met.*

*Our proposed text change reflects different deadlines of several project so we propose formulation change of time frame in order to gather as relevant data as possible. The scope and timeline of completion stay unchanged. This change is necessary in order to successfully fulfill the milestone. If text change will not be possible, the milestone could not be fully met in time, and the entire related payment would be at risk. In this regard, proposed text change could be viewed as having an expected positive impact by preventing larger problems.*

*The New tax information system nDIS project is delayed and cannot be completed in Q4 2025 and has objective reasons for cancelations. We thus propose to substitute this project with another projects (of Ministry of local development), which will be completed by the time of the original deadline Q4 2025.*

*Objective reasons for nDIs project cancellation:*

*The nDIS project is actually in the pre-project phase. The tender documentation has been formally prepared, but the new law modification affects both logical part as well as technical part of the whole information system and therefore the tender documentation which should be modified.*

*Therefore "Individualization" and "Real Estate Tax" parts have not been finalized since legislative amendments are planned in the 2023 and 2024 and will have a significant impact both on the scope of implementation and on the originally anticipated dates of the nDIS project implementation and on launch of the information system into operation with tax users.*

*The above relates in particular to legislative amendments in Acts No. 586/1992 Coll., on income taxes, and No. 280/2009 Coll., Tax Code. With Act No. 586/1992 Coll., on income taxes, a new institute of self-assessment of advances will be introduced on the basis of submitted reports, including individualized data on taxpayers. Act No. 280/2009 Coll., Tax Code (or Act No. 338/1992 Coll., Immovable Property Tax, Act No. 456/2011 Coll., on the Financial Administration of the Czech Republic) will change local tax jurisdiction from real estate.*

*This is the reason why both General Financial Directorate and Ministry of Finance*

*prefer to wait until this law become effective rather than using funds for an activity which have to be modified in the middle of the process which would be perceived as an ineffective and uneconomical action.*

*Three new substitution projects:*   
*National Electronic Tool – system for public procurement, delivered in 2017, but nowadays is redeveloping according to the new Public Procurement Act (valid since july 2023) – possible to say that project will be completed when the system is updated according to the legislation.*  
*Journal of Public Contracts – newly developed system, delivered in january 2023*

*List of Qualified Suppliers – these days starts the implementation*

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| **Component 1.1: DIGITAL SERVICES TO CITIZENS AND BUSINESSES** | |
| **Investment/ reform CID reference** | **Investment 2** |
| **Investment/ reform name** | **Development of open data and public data fund** |
| **Type of change compared to CID** | [modified] |
| **Legal base of the change (select at least one)** | Article 14(2) – loan request  Article 18(2) – update of the maximum financial contribution  Article 21 – amendment due to objective circumstances  Article 21a – REPowerEU non-repayable financial support (ETS revenue)  Article 21b (2) – BAR transfers  ☐ None of the above, correction of clerical error |
| **Elements modified (only for modified measures)** | Component / Measure description  Milestones and targets  Estimated cost  Green and digital tagging (potentially relevant, because there is a substantive change to the underlying measure)  DNSH self-assessment |

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| **Investment 2 Development of open data and public data fund – Milestone 11** | | |
| *Description and justification of the change* | | |
| **Modified elements** | **Current version** | **Amended version** |
| ***Component and / or measure description*** | *-* | *No change* |
| ***Milestones and targets*** | *Description and clear definition:*  *The National catalogue of open data shall register and publish open and public data and information from the whole public administration in one place. It shall have advanced functionalities for searching, increase in catalogued data and services including the publication of code lists in a public data fund; new tools for accessing statistical data and meta-system for State Statistical Services.*    *Qualitative indicator:*  *Fully functional National Open Data Catalogue with advanced functionalities and services, including the completion of the listed projects.*    *Deadline of the milestone: Q4 2022* | *Description and clear definition:*  ***The National catalogue of open data shall register and publish open and public data and information from the whole public administration in one place. It shall have advanced functionalities for searching, increase in catalogued data and services including the publication of code lists in a public data fund.***      *Qualitative indicator:*  ***Fully functional National Open Data Catalogue with advanced functionalities and services.***    *Deadline of the milestone:* ***Q4 2024*** |
| ***Estimated cost*** | *No change* | *No change* |
| ***Green and digital tagging*** | *No change* | *No change* |
| ***DNSH self-assessment*** | *No change* | *No change* |

*We are currently dealing with the implementation of the Data Governance Act (DGA), specifically chapter 2 - it is supposed to enable access to non-public data that is protected, for example, due to the protection of personal data, intellectual property or statistical confidentiality. The member states have to create single information points for these needs, and the commission organized a seminar on 30.11. and asked how the states will approach the fulfillment of this requirement and whether they will use the existing open data infrastructure. It was mentioned in the webinar that the European single information point, which will be located at data.europa.eu (the existing European open data catalog) will bring together the national single information points. For this reason, in the Czech Republic we perceive the simplest and fastest solution to create a more general catalog from the National Open Data Catalogue, which will record datasets/data interfaces not only of open data, but also of other ways of sharing data, the National Open Data Catalogue would thus become already connected to the European catalog. However, we need more time to add new functionalities to the upcoming National Open Data Catalogue development project.*

*We thus propose to swap this Milestone n. 11 with Target n. 12, because these two milestones/targets are part of the same investment n. 2 - development of open data and public data. Milestone n. 11 has deadline in Q4 2022 and Target n. 12 has deadline Q4 2024. Since Target n. 12 has already been achieved and successfully completed (ahead of time), and Milestone n. 11 has delay and needs postponement to Q4 2024, we are proposing to swap these to Targets/Milestones. Milestone n. 11 will thus have new deadline Q4 2024 and Target n. 12 will have new deadline Q4 2022.*

*New tools for accessing statistical data and meta-system for State Statistical Services are not related to the project in the milestone 11 and it is not and never been related to the National Open Data Catalogue. This will be covered by our newly proposed Target (*see Template *Amendment\_template\_New Target\_Component 1.1\_Investment 2).*

*Line “including the completion of the listed projects” is proposed to be deleted because this Milestone was from the beginning conceived as consisting of one project only, this line mentioning “projects” must therefore be some kind of clerical/administrative error.*

*Time Schedule:*

*Stage 1 - till September 2023*

*• NODC extension in accordance with DGA Regulation - an asset list containing an overview of all available data resources for National Single Information Point*

*• Validation of local catalogs according to an open formal standard*

*• Designation and search of data sets of the public data pool and catalogization of the data in the NODC*

*• Searching for datasets distributed through data services in the NODC*

*• Collection and publication of information about services and portals based on open data in the NODC*

*Stage 2 - till May 2024*

*• Advanced NODC dataset search functionality*

*• NODC validation of datasets according to selected open formal standards*

*• NODC implementation of the new DCAT-AP standard*

*• NODC implementation of the new DCAT-AP standard for HVDs*

*• NODC user interface re-design*

*Stage 3 - till December 2024*

*• Previews of the content of selected datasets in the NODC*

*• Possibility to subscribe to notifications about changes in NODC*

*• New form of the process of collection and publication of proposals of datasets to open from the NODC users*

*• extension of the open data knowledge base on the NODC*

*• NODC discussion forum*

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| **Component 1.1: DIGITAL SERVICES TO CITIZENS AND BUSINESSES** | |
| **Investment/ reform CID reference** | **Investment 2** |
| **Investment/ reform name** | **Development of open data and public data fund** |
| **Type of change compared to CID** | [modified] |
| **Legal base of the change (select at least one)** | Article 14(2) – loan request  Article 18(2) – update of the maximum financial contribution  Article 21 – amendment due to objective circumstances  Article 21a – REPowerEU non-repayable financial support (ETS revenue)  Article 21b (2) – BAR transfers  ☐ None of the above, correction of clerical error |
| **Elements modified (only for modified measures)** | Component / Measure description  Milestones and targets  Estimated cost  Green and digital tagging (potentially relevant, because there is a substantive change to the underlying measure)  DNSH self-assessment |

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| **Investment 2 Development of open data and public data fund – Target 12** | | |
| *Description and justification of the change* | | |
| **Modified elements** | **Current version** | **Amended version** |
| ***Component and / or measure description*** | *-* | *No change* |
| ***Milestones and targets*** | *Timeline for completion: Q4/2024* | *Timeline for completion: Q4/2022* |
| ***Estimated cost*** | *No change* | *No change* |
| ***Green and digital tagging*** | *No change* | *No change* |
| ***DNSH self-assessment*** | *No change* | *No change* |

*We propose to swap this Target n. 12 with Milestone n. 11. These two milestones/targets are part of the same investment n. 2 - development of open data and public data. Milestone n. 11 has deadline in Q4 2022 and Target n. 12 has deadline Q4 2024. Since Target n. 12 has already been achieved and successfully completed (ahead of time), and Milestone n. 11 has delay and needs postponement to Q4 2024, we are proposing to swap these to Targets/Milestones. Milestone n. 11 will thus have new deadline Q4 2024 and Target n. 12 will have new deadline Q4 2022.*

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| **Component 1.1: DIGITAL SERVICES TO CITIZENS AND BUSINESSES** | | |
| **Investment/ reform CID reference** | | **New Target** 245 |
| **Investment/ reform name** | | **Investment 2: Development of open data and public data funds** |
| **Type of change compared to CID** | | **added** |
| **Legal base of the change (select at least one)** | | Article 14(2) – loan request  Article 18(2) – update of the maximum financial contribution  Article 21 – amendment due to objective circumstances  Article 21a – REPowerEU non-repayable financial support (ETS revenue)  Article 21b (2) – BAR transfers  ☐ None of the above, correction of clerical error |
| **Elements modified (only for modified measures)** | | ​​☐​ Component / Measure description  ​​☒​Milestones and targets  ​​☐​ Estimated cost  ​​☐​ Green and digital tagging (potentially relevant, because there is a substantive change to the underlying measure)  ​​☐​ DNSH self-assessment |
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| *Description and justification of the change* | | |
| **Modified elements** | **Proposed version** | |
| ***Component and / or measure description*** | *Component 1.1, Investment 2 Development of open data* | |
| ***Pillar*** |  | |
| ***Milestones and targets*** | ***New Target*** | |
| ***Subject of the change*** | *Name: Increase in the number of* new or improved *open data setspublished in the National Open Data Catalogue*  *Quantitative indicatros (for Targets): Number of data sets*  *Baseline: 0, Goal 125*  *Indicative timeline for completion: Q4 2024*  *Description and clear definition of each milestone and target: 125 new orimproved open data sets (code lists, data binding, statistical data) published in the National Open Data Catalogue* | |
| ***Timeline of fulfilment*** | *Q4 2024* | |
| ***Estimated cost1*** | *No additional costs* | |
| ***Green and digital tagging, dimension*** | *No change* | |
| ***DNSH (self-assessment)*** |  | |

*We propose a new Target for project Projects SIS\_3 and SIS\_4*

*The Czech Statistical Office has prepared six (SIS\_0 – SIS\_5) Statistical Information System projects as part of the Digital Czechia programme. A general aim of these projects is to ensure the sustainable development and operability of the Statistical Information System (formerly known as “SIS”) for the next phase (5-7 years) of its life span. These projects became part of several different reforms/investments in the components 1.1 and 1.2 of the Recovery and Resilience (Milestone 9 and 11 Target 10 and 12, Target 18 and 19)*

*Reasons for adding a new target:*

*1) We would like to correct the situation of the SIS\_3 and SIS\_4 projects, which do not meet any milestone or Target at the moment. Originally these two projects were suppose to fulfil milestone no.11 and Target 12.  However, the mentioned projects do not meet milestone 11 and Target 12 in terms of content (the goal of projects is not connected to Milestone 11 and Target 12).*

*2) A new Target is also in accordance with the Investment 2 (The investment shall include one programme with four interlinked projects aimed at fostering the publication of new open and* ***public data sets****. These projects shall consist of the publication of code lists used in public administration in public databases, the development of a national open data catalogue, the improvement of tools for accessing statistical information, and the creation of a modern meta-information system for the bodies of the State Statistical Service) and projects*

*Overall impact is neutral - Our proposed change does not fundamentally change the meaning of the component since adding new milestone in accordance with the Investment 2. In this regard, proposed changes could be viewed as having an expected positive impact by preventing larger problems (i.e. impact on investement´ cohesion and its longterm effect).*

*Impact of the changes on the coherence between original measures and modified ones is positive - we are adding new Target in accordance with the Investment 2. Substance of the measure remains unchanged.*

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| **Component 1.1: DIGITAL SERVICES TO CITIZENS AND BUSINESSES** | |
| **Investment/ reform CID reference** | **1** |
| **Investment/ reform name** | **Reform 1: Conditions for quality data pool management and ensuring controlled data access** |
| **Type of change compared to CID** | [modified] |
| **Legal base of the change (select at least one)** | Article 14(2) – loan request  Article 18(2) – update of the maximum financial contribution  Article 21 – amendment due to objective circumstances  Article 21a – REPowerEU non-repayable financial support (ETS revenue)  Article 21b (2) – BAR transfers  ☐ None of the above, correction of clerical error |
| **Elements modified (only for modified measures)** | Component / Measure description  Milestones and targets  Estimated cost  Green and digital tagging (potentially relevant, because there is a substantive change to the underlying measure)  DNSH self-assessment |

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| *Description and justification of the change* | | |
| **Modified elements** | **Current version** | **Amended version** |
| ***Component and / or measure description*** | *Reform 1: Conditions for quality data pool management and ensuring controlled data access:*  *The reform shall establish a comprehensive legislative, standardisation and organisational*  *framework for high-quality governance and public administration data management. The reform shall lead to the creation of a data-sharing (”managed access”) tool to allow other parts of the public administration, as well as qualified third entities, access to non-public government data in line with*  *the FAIR principles (Findability, Accessibility, Interoperability, and Reusability). The reform shall incorporate into Czech law the principles of good data management.*  *The implementation of this measure shall be completed by 31 December 2025* | *Reform 1: Conditions for quality data pool management and ensuring controlled data access:*  *The reform aims to establish a comprehensive legislative, standardisation and organisational framework for high-quality governance and public administration data management. The reform shall lead to the creation of a data-sharing (”managed access”) methodologies to allow other parts of the public administration, as well as qualified third entities, access to non-public government data in line with the FAIR principles (Findability, Accessibility, Interoperability, and Reusability).*  *The implementation of this measure shall be completed by 31 December 2025* |
| ***Pillar*** |  |  |
| ***Milestones and targets*** |  |  |
| ***Subject of the change*** | *Description of the reform 1* | |
| ***Timeline of fulfilment*** |  |  |
| ***Estimated cost****[[1]](#footnote-2)* |  |  |
| ***Green and digital tagging, dimension*** |  |  |
| ***DNSH (self-assessment)*** |  |  |

Clerical error: Due to the clerical errors, the description of this reform seems to be leading to create a legislative act, although Milestone 1 and Target 2 in this Reform doesn´t indicate it.

The reform is meant to prepare a basis for a legislative, standardisation and organisational framework by the adoption of the strategy document (Milestone 1) a methodologies of data management (Target 2).

The creation of legislative act was present in 2021 version of CID, but was ultimately removed on the initiative of the EC representatives. Milestone 1 related to reform 1 is thus correct in the CID now (no legislative act mentioned there) but some residual text regarding the legislative act remained in the reform description. We are thus just correcting the discrepancies and making the text of the reform in line with the Milestone/Target in the CID/OA annex.

1. For more follow the specific instructions provided in the 2021 RRP guidance. As a rule, Member States are not expected to provide revised cost estimates for measures that are neither new nor modified. Member States may provide a validation of costing estimates by an independent [↑](#footnote-ref-2)