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| **Component 1.2: DIGITAL PUBLIC ADMINISTRATION SYSTEMS** | |
| **Investment/ reform CID reference** | **Investment 1** |
| **Investment/ reform name** | **D**eveloping and improving individual information information systems |
| **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 Development of information systems – Milestone 16** | | |
| *Description and justification of the change* | | |
| **Modified elements** | **Current version** | **Amended version** |
| ***Component and / or measure description*** | *-* | *No change* |
| ***Milestones and targets*** | *Description*  *Linking ePasy to core registries and EVC2 visa system has implemented functionality of short and long-term visa in accordance with EES.*    *Qualitative indicator*  *“Upgraded ePasy system is linked to core registries, EVC2 has implemented functionality of short and long-term visa in accordance with Entry/Exit System (EES) and both systems are available to end users”* | *Description*  ***The agenda Information system ePasy shall be modified according to the amendment to the Travel Documents Act No. 329/1999 Coll. And be available to the end users. The EVC2 visa system shall be upgraded with short- and long-term visa functionalities, in accordance with the entry/exit system (EES) and shall be available for testing according to the euINIS program***    *Qualitative indicator*  ***Modification of ePasy system according to the amendment to Travel Documents Act and upgrade EVC2 visa system.*** |
| ***Estimated cost*** | *No change* | *No change* |
| ***Green and digital tagging*** | *No change* | *No change* |
| ***DNSH self-assessment*** | *No change* | *No change* |

***Project: Linking ePasy to core registries:***

*We suggest substitution of Linking ePasy to core registries project with a new one - modification of ePasy according to the Travel Documents Act. The reason is that the Department of the Chief Architect of eGovernment established a time-limited exemption from requirement to connect ePasy to Core registers until the end of 2022 due to proposed architectural changes within core registers. Since the deadline for the exception coincides with the deadline for the completion of the ePasy project, it was not possible to implement the connection to core registers within the ePasy project, (For exemption see Annex 1 to this template)*

*Also – Ministry of Foreign Affairs wont update existing system and is going to develop a new system in the future. In the case of the implementation of the project, this would be an act contrary to the requirement of due diligence. Along with that, the project does not meet the project sustainability of 5 years (the system will be replaced with a new one in 2.5 years). For the reasons mentioned, the project need to be cancelled from RRF*

*However, the ePasy system won´t be linked to core registries (see above mentioned reasons), the ePasy system was already modified according to the Travel Documents Act. We thus propose to substitute this project with: Modification of Agenda information system ePasy according to the amendment to Travel Documents Act.*

***Project EVC 2 according to euINIS:***

*This project is waiting for EU tests for its further development with the eu-LISA. We propose to delete line: “both systems will be available to end-users” from milestone n. 16 qualitative indicator, because without the EU testing part, we are not able to secure availability of this system to end-users in original deadline.*

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| **Component 1.2: DIGITAL PUBLIC ADMINISTRATION SYSTEMS** | |
| **Investment/ reform CID reference** | **Investment 1** |
| **Investment/ reform name** | **D**eveloping and improving individual information systems |
| **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 Development of information systems – Milestone 17** | | |
| *Description and justification of the change* | | |
| **Modified elements** | **Current version** | **Amended version** |
| ***Component and / or measure description*** | *-* | *Timeline of fulfilment*  *Instead of Q4 2024 to Q1 2026* |
| ***Milestones and targets*** | *The measure milestone shall establish a new integrated system for foreigners system (ICAS), which shall enable foreigners registered in Czechia to manage their residency related affairs via new digital services for public administration clients in the given section.*  *Timeline for comlpletion:Q4/2024* | *No change*  *Timeline for completion:* ***Q1/2026*** |
| ***Estimated cost*** | *No change* | *No change* |
| ***Green and digital tagging*** | *No change* | *No change* |
| ***DNSH self-assessment*** | *No change* | *No change* |

*Milestone n. 17 consists of one project named ICAS (IFAS – Integrated Foreigners Administration System) and has this objective reason for postponement of timeline until Q1 2026:*

*International crisis caused by war in Ukraine*

*Russia's attack on Ukraine has caused a massive European crisis in field of migration, economics and energies. This had also direct impact on the Department for Asylum and Migration Policy (the DAMP). Extremely large number (more than 400 000) of foreigners, mainly war refugees from Ukraine have received temporary protection on our territory and it is the DAMP duty to play its role in taking care of those people. At the same time, the legislative framework, organisational procedures, new workplaces, and adjustments to the information systems which are currently in use had to be prepared for the new situation. The DAMP has been under a heavy workload, which has been draining its capacity, especially in terms of staff responsible to prepare the legal framework and the IFAS terms of reference. In the context of current events, it can be assumed that this situation will continue for foreseeable future.*

*For the stated objective reasons a time postponement to March 2026 is proposed.*

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| **Component 1.2: DIGITAL PUBLIC ADMINISTRATION SYSTEMS** | |
| **Investment/ reform CID reference** | **Investment 2** |
| **Investment/ reform name** | **Development of core registers and facilities for eGovernment** |
| **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 Development of core registers and facilities for eGovernment – Milestone 21** | | |
| *Description and justification of the change* | | |
| **Modified elements** | **Current version** | **Amended version** |
| ***Component and / or measure description*** | - | *No change* |
| ***Milestones and targets*** | *The measure shall constitute the development of basic registers and the development of the public administration’s technological infrastructure, including an increase in its transmission capacity and the implementation of new customer services and high transmission capacity-intensive services. The milestone shall be considered as fulfilled upon the completion of the following projects:  1. Capacity and security development of central point of Services  2. Modernisation and optimisation of the Multi-Protocol Label Switching (MPLS) Communication and Information Infrastructure  3. National Certification Authority to provide certifications to public administration entities  4. Increasing the capacity of data centres and data storage products  5. Hardware and software replacements for central registries  6. Upgrade and improvement of core registries including: Register of Individuals, Population Register, Register of Rights and Obligations, Register of Territorial Identifications, Addresses and Real Estate, ORG Information System  7. Related development and improvement of Integrated system of core registers and Shared Service Information System  8. Improvement of National Identity and Authentication Point  9. Development of a consolidated interface for core registries.*  *Timeline for completion: Q4/2023* | *Timeline for completion: Q1/2025* |
| ***Estimated cost*** | *No change* | *No change* |
| ***Green and digital tagging*** | *No change* | *No change* |
| ***DNSH self-assessment*** | *No change* | *No change* |

*Milestone n. 21 consists of twelve projects.  Two projects have objective reasons for a postponement of timeline until Q1 2025 – project CMS – central components upgrade based on digitized construction process and project Data centre and data storage reinforcement:*

*Main reason for delay was the delay in HW components from contractors. Since the main scope of Data centre reinforcement is purchase, installation and implementation of HW/SW infrastructure, both vendors and manufacturers (Cisco) already alerted that they cannot meet the requested delivery deadlines of HW components due to the supply chain issues and market situation, as widely declared (KPMG abstract ”The supply chain trends shaking up 2023”, for example https://kpmg.com/xx/en/home/insights/2022/12/the-supply-chain-trends-shaking-up-2023.html). The project steps could be partly modified according to available deliveries but the whole completion and function is based on complete delivery of required HW/SW parts. The current estimation of HW delivery is 12-15 months, therefore we propose the adequate change of timeline.*

*The essential fact in decision making proces is that these projects are prepared both on the formal side (approval by the government and the gestor, secured human sources and pre-financing of stages) and on the technical side (specification of needs based on new IT technical development, knowledge of project steps and prepared feasibility study). This preparatory work is time-consuming and represents a significant advantage compared to new project plans, which would have to reach even this stage of readiness at the high cost of spending resources and time.*

*We propose a postponement of deadline for this milestone, not a milestone cancelation / substitution.*

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| **Component 1.2: DIGITAL PUBLIC ADMINISTRATION SYSTEMS** | |
| **Investment/ reform CID reference** | **Investment 3** |
| **Investment/ reform name** | **Cyber security** |
| **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 3 Cyber security – Target 24** | | |
| *Description and justification of the change* | | |
| **Modified elements** | **Current version** | **Amended version** |
| ***Component and / or measure description*** | *The investment shall aim at increasing the cybersecurity of the public administration and healthcare ICT infrastructure and information systems, under the Cybersecurity Act, in line with the National Cybersecurity Strategy. The measure shall include projects, which shall lead to i) the modernisation and expansion of police forces’ capacity in Czechia to detect, identify and respond to security and ICT incidents and to ii) the increased cybersecurity of at least ten information systems.*  *The investment shall be implemented by 31 December 2025* | *The investment aims at increasing the cybersecurity of the public administration and healthcare ICT infrastructure and information systems, under the Cybersecurity Act, in line with the National Cybersecurity Strategy. The measure shall include projects, which shall lead to i) the modernisation and expansion of police forces’ capacity in Czechia to detect, identify and respond to security and ICT incidents and to ii) the increased cybersecurity of at least 87* *information systems.*  *The investment shall be implemented by 31 December 2025* |
| ***Milestones and targets*** | *Name*  *Completion of projects leading to an increase of the number of information systems whose cyber security has been strengthened in line with Act No. 181/2014 Coll., on cyber security*    *Unit of measure Number*    *Description*  *The measure shall increase the cybersecurity of the selected information systems in accordance with the requirements of Act No. 181/2014 Coll., on cyber security.*  *The milestone shall be considered as achieved following the successful and documented testing and verification of compliance with cyber security requirements of the at least 10 selected information systems by the National Cyber and Information Security Office (NÚKIB) and the owner authorities of the respective systems have approved the delivery of the projects.*  *Quantitative indicator: 10* | *Name*  ***Number of Information systems whose cyber security has been strengthened in line with Act No. 181/2014 Coll., on cyber security.***    *Unit of measure*  ***Number***    *Description of Target*  ***The measure shall increase the cybersecurity of the selected information systems in accordance with the requirements of Act No. 181/2014 Coll., on cyber security.***  ***The target shall be considered as achieved following the successful and documented testing and verification of compliance with cyber security requirements of the at least 87 information systems and the owner authorities of the respective systems have approved the delivery of the systems.***  *Quantitative indicator: 87* |
| ***Estimated cost*** | *2 695 mil. CZK* | *4 022 mil. CZK* |
| ***Green and digital tagging*** | *No change* | *No change* |
| ***DNSH self-assessment*** | *No change* | *No change* |

***Clerical error:***

*Target 24 is confusing since it reffers to completion of projects and also to increase the cybersecurity of selected information systems. We prefer to change the target according to description of target, in other words to specify the target to ensure that we understand its essence in the same way - we will evidence 87 information systems whose cyber security was strengthened.*  
*For the above mentioned reasons, we propose to remove “projects” and to keep “information systems. This change was already accepted by the EC during the Operatioanl Agreement negotiations. We thus propose to align our in the past already accepted adjustement with Council Implementing Decision.*

*NUKIB does not make such a list and cannot do so, it is not in its competence. Only the owner/operator of the system has the relevant responsibility. Our request for regarding NUKIB was already accepted by the EC during the Operatioanl Agreement negotiations. We thus propose to align our in the past already accepted adjustement with Council Implementing Decision.*

With regard to the current situation – increasing rate of cyber ​​attacks on the Czech Republic, Implementation of the NIS2 directive, high demand for financial resources (IROP is not enough) and Russian aggression against Ukraine, it is appropriate to expand the existing investment No. 3 - "Cyber ​​security", listed in component 1.2 of the existing National Recovery Plan.

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| **Component 1.2: DIGITAL PUBLIC ADMINISTRATION SYSTEMS** | |
| **Investment/ reform CID reference** | **Investment 5** |
| **Investment/ reform name** | **Top-up of cyber security investment** |
| **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 5 Top-up of cyber security investment – New Milestone and Target** | | |
| *Description and justification of the change* | | |
| **Modified elements** | **Current version** | **Amended version** |
| ***Component and / or measure description*** |  | *The investment aims to further* strengthen the cyber security investment under the non-repayable financial support by increasing the number information systems whose cyber security has been strengthened in line with Cyber Security Act No. 181/2014 Coll. to 244 public information systems.  *The investment shall be implemented by 31 December 2025* |
| ***Milestones and targets*** |  | ***New Milestone:***  *Name:*  *Publication of the call relatied to the strengthening of information systems in accordance to Act No. 181/2014 Coll., on cyber security.*  *Qualitative indicators (for milestones): P*ublication of a call for projects  *Timeline of completion:*  *Q1 2024*  *Description of Milestone:* *"Publication of a call for projects supporting the strengthening of information systems according to Act No. 181/2014 Coll., on cyber security."*  ***New Target:***  *Name:*  *Information systems whose cyber security has been strengthened in line with Act No. 181/2014 Coll., on cybersecurity.*  *Unit of measure:*  *Number*    *Baseline: 87*  *Goal: 331*  *Timeline of completion:*  *Q4 2025*  *Description of the Target:* *The target shall increase the cybersecurity of the selected information systems in accordance with the requirements of Act No. 181/2014 Coll., on cyber security. The target shall be considered as achieved following the successful testing and verification of compliance with cyber security requirements of at least 244 information systems The authorities in charge of the information systems shall approve the delivery the respective systems.* |
| ***Estimated cost*** |  | *6600 mil. CZK* |
| ***Green and digital tagging*** |  | *100 percent digital*  *0 percent green* |
| ***DNSH self-assessment*** | *No change* | *The activity triggered by the measure has a negligible foreseeable impact in the environmental context described above, taking into account both direct and indirect impacts throughout its life cycle. No risks of environmental degradation are identified as the only type of equipment installed under this investment activity is ICT hardware. In the individual projects, the hardware will replace the original technology and the original technology will be managed in accordance with Act No. 541/2020 Coll. on Waste, No. 542/2020 Coll. on End-of-Life Products, No. 477/2001 Coll. on Packaging and Directive 2012/19/EU on Waste Electrical and Electronic Equipment, Directive 2009/125/EC establishing a framework for the setting of ecodesign requirements for energy-related products, Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment and Directive 2021/19/EU laying down a common methodology and a format for reporting on reuse in accordance with Directive 2008/98/EC of the European Parliament and of the Council. At the same time, it will be replaced by hardware with significantly higher energy efficiency - i.e. it will provide significantly higher computing power for the same energy consumption. In the case of the implementation of the services and systems, the preference will be to place them in cloud centres, which have even lower environmental impacts through shared computing and storage space. However, from a security point of view, it is not possible to place all systems in cloud centres. Nevertheless, purchased new hardware will always taking into account the applicable national and European legislation. For these reasons, the implementation of the measures will not significantly undermine climate change mitigation objectives.* |

***Loan request****: Considering the current situation, greatly affected by the Russian aggression against Ukraine and the associated circumstances, it is appropriate to add a new investment "Cyber Security II" to component 1.2 of the existing National Recovery Plan (see the NÚKIB Annual Report - there was an approximately 50% increase in the number of security incidents in 2021 compared to 2020, Regular monthly material "Cyber incidents from the perspective of NÚKIB - Data from January 2023 shows a two-fold increase in cyber attacks compared to the previous month, also a two-fold increase year-on-year))*

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| **Component 1.2: DIGITAL PUBLIC ADMINISTRATION SYSTEMS** | |
| **Investment/ reform CID reference** | **Reform 2** |
| **Investment/ reform name** | **Developing systems supporting the digitalization of eHealth** |
| **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 Developing systems supporting digitalization of eHealth – Milestone 28** | | |
| *Description and justification of the change* | | |
| **Modified elements** | **Current version** | **Amended version** |
| ***Component and / or measure description*** | Reform 2 *Developing systems supporting digitalisation of health* | *Reform 2 Developing systems supporting digitalisation of health* |
| ***Milestones and targets*** | *Description*  *(Completion of projects consolidating and developing the electronic healthcare infrastructure in order to create interlinked databases and improve digital healthcare services):*    *The projects included in this measure shall consolidate the departmental system of health registries including the Information systems of regional Hygienic stations, the Hygienic registers, the National health information system, and the integrated educational platform. The relevant healthcare registries shall be linked to eGovernment services. The achievement of the milestone shall be verified by the successful testing performed and documented by the developer and by the contracting authority’s approval of project delivery following a successful pilot phase. Projects shall include:*  *1. Optimisation of the healthcare system for rare disease patients*  *2. Development of hygiene registers by improving existing registers of the sanitary services and information systems related to the management of pandemic situations*  *3.* ***Development of an integrated information system to support the management of sanitation services in fourteen regions of the Czechia***  *4. Development of the infrastructure of branch eHealth reference registers of health service providers, health professionals and patients and support systems*  *5. Modernisation and capacity improvement of the National Health Information System*  *6. Training programme for health professionals for the use of eHealth systems* | *Description*  *(Completion of projects consolidating and developing the electronic healthcare infrastructure in order to create interlinked databases and improve digital healthcare services):*    *The projects included in this measure shall consolidate the departmental system of health registries including the Information systems of regional Hygienic stations, the Hygienic registers, the National health information system, and the integrated educational platform. The relevant healthcare registries shall be linked to eGovernment services. The achievement of the milestone shall be verified by the successful testing performed and documented by the developer and by the contracting authority’s approval of project delivery following a successful pilot phase. Projects shall include:*  *1. Optimisation of the healthcare system for rare disease patients*  *2. Development of hygiene registers by improving existing registers of the sanitary services and information systems related to the management of pandemic situations*  ***3. Development of a*n *information system to support sanitation services ~~in fourteen regions~~*** *of Czechia*  *4. Development of the infrastructure of branch eHealth reference registers of health service providers, health professionals and patients and support systems*  *5. Modernisation and capacity improvement of the National Health Information System*  *6. Training programme for health professionals for the use of eHealth systems* |
| ***Estimated cost*** | *No change* | *No change* |
| ***Green and digital tagging*** | *No change* | *No change* |
| ***DNSH self-assessment*** | *No change* | *No change* |

*The aim of the group of projects implemented under Milestone 28 was to support and develop existing support systems for digitalisation and thus create new services for citizens or support new systems.*

*Within the project "Completion of projects consolidating and developing the electronic healthcare infrastructure in order to create interlinked databases and improve digital healthcare services" the name is only clarified with regard to the planned legislation governing the reorganization of hygiene stations. Legislative changes will lead to the merger of regional economic services under one central authority and individual regional sanitation services will not be able to be supported – they will cease to exist and will not exist.  Therefore, the proposed service will be available to support the central office.*

*For this reason, we propose to change the name: Development of an integrated information system to support the management of sanitation services in fourteen regions of Czechia —˃ Development of the information system to support the sanitation services of Czechia.*