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D1.5 – Sustainability Strategy

<i>Project Title:</i>	<i>Genomic surveillance of selected infectious diseases in the Czech Republic</i>
<i>Project Acronym:</i>	<i>HERA2CZ</i>
<i>Project ID:</i>	<i>Grant Agreement - Project 101113387</i>
<i>Type of action:</i>	<i>EU4H Project Grants</i>
<i>Call:</i>	<i>EU4H-2022-DGA-MS-IBA-1</i>
<i>Topic:</i>	<i>EU4H-2022-DGA-MS-IBA-01-02</i>
<i>Beneficiary:</i>	<i>National Institute of Public Health, the Czech Republic</i>
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<i>Date of the Deliverable:</i>	<i>25 March 2024</i>

National Institute of Public Health

Genomic surveillance of selected infectious diseases in the Czech Republic, HERA2CZ

Project: 101113387 — HERA2CZ — EU4H-2022-DGA-MS-IBA-1

Deliverable D1.5 – Sustainability Strategy

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Dissemination Level

PU	Public	<input type="checkbox"/>
SEN	Sensitive	<input checked="" type="checkbox"/>

History of Changes

Version	Date	Name	Chapters edited	Changes tracked
v1	25/3/2024	J. Kozáková, H. Jiřincová, M. Bielaszewska, O. Daniel, P. Křížová, H. Žemličková, V. Jakubů, M. Šimková	All	Document prepared

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List of Abbreviations

AMR	Antimicrobial resistance
AST	Antimicrobial susceptibility testing
CCRE	Carbapenem and/or colistin resistant Enterobacterales
ENA	European Nucleotide Archive
EISN	European Influenza Surveillance Network
EUCAST	European Committee on Antimicrobial Susceptibility Testing
EurGen-Net	European Antimicrobial Resistance Genes Surveillance Network
GDI	Genomic Data Infrastructure project
GISRS	Global Influenza Surveillance and Response System
ISIN	Information System of Infectious Diseases in the Czech Republic
SOP	Standard Operating Procedure
TESSy	The European Surveillance System
WGS	Whole Genome Sequencing

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Deliverable D1.5 – Sustainability Strategy

1. Executive Summary

The Sustainability strategy for sharing sequencing data is designed to keep responsible and effective data sharing practices at National Institute of Public Health (NIPH) in the Czech Republic. The primary objectives of the HERA2CZ project are to take active steps to prevent future pandemics and promote public health protection, while its secondary objectives aim to foster research, enhance patient care, and uphold security and ethical standards on shared data. All these objectives are relevant during the project's realization period, but the team must also be well-prepared to adjust the system in response to changing circumstances and the potential emergence of new threats after the project's end. It's important to note that it is impossible to accurately predict the future development of health emergencies, legal frameworks, or availability of funding.

D1.5 - the Sustainability strategy coincides with the D1.6 - Complementarity strategy. These two strategic documents are pivotal in ensuring that the project's outcomes will not only endure but also remain accessible and operational over the long term.

Key points of the Sustainability strategy for a HERA2CZ project focus on ensuring that the project's outcomes remain operational and accessible over the long term. Key aspect elaborated in this deliverable are these two points

- How will the data from individual Work Packages (WP) be linked with international databases
- How will be continued implementation of WP's activities after the project's end

Upon the completion of the project, the **D1.8 - Sustainability report** will serve as a comprehensive summary of the progress and achievements realized throughout the project's duration. This report will not only show steps taken to ensure sustainability to, but also provide a valuable overview on the project potential to maintain the project's outcomes.