



# WAY FORWARD FOR CROSS-BORDER VERIFIABLE COVID-19 VACCINATION CERTIFICATES



2021-01-14

## Background

**Registering data on vaccination** is important both at **individual and population levels**

*It can be used for vaccination monitoring and helps citizens to prove their inoculation status*

**The proof of vaccination** is useful for supporting **vaccination delivery and reopening strategies**



## Proposed solution – digitized vaccination certificate, “Smart vaccination certificate”

Regardless of what type of point of service solution member states choose to adopt (paper or digital), depending on country context, the solutions should be interoperable and be inclusive by design.

**Illustrative examples:**

Enhanced paper-based certificate

INTERNATIONAL CERTIFICATE OF VACCINATION OR PROPHYLAXIS  
AS APPROVED BY  
THE WORLD HEALTH ORGANIZATION

CERTIFICAT INTERNATIONAL DE VACCINATION OU DE PROPHYLAXIE  
APPROUVÉ PAR  
L'ORGANISATION MONDIALE DE LA SANTE

TRAVELER'S NAME-NOM DU VOYAGEUR

ADDRESS-ADRESSE (Number-Numéro) (Street-Rue)

(City-Ville)

(Country-Département) (State-Pays)

CDC 731 (formerly PHS-731) GHS12706

Enhanced PDF-based certificate

INTERNATIONAL CERTIFICATE OF VACCINATION OR PROPHYLAXIS  
AS APPROVED BY  
THE WORLD HEALTH ORGANIZATION

CERTIFICAT INTERNATIONAL DE VACCINATION OU DE PROPHYLAXIE  
APPROUVÉ PAR  
L'ORGANISATION MONDIALE DE LA SANTE

TRAVELER'S NAME-NOM DU VOYAGEUR

ADDRESS-ADRESSE (Number-Numéro) (Street-Rue)

(City-Ville)

(Country-Département) (State-Pays)

CDC 731 (formerly PHS-731) GHS12706

Smart phone application



Linked to smart chip in a card and/or passport



3

NOT FOR DISTRIBUTION

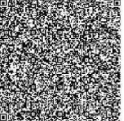
  
**Certifikát o provedené vakcinaci**  
**Certificate of vaccination**

Jméno a příjmení (Name and Surname):  
**František Očkovaný**

Číslo pojistnice (Health Insurance number)	Číslo občanského průkazu (ID No.)	Číslo pasu (Passport No.)
740512852	A225961454	45484136
Datum narození / Date of birth (yyyy-mm-dd): 2000-03-21		

Původce, proti kterému byla vakcinace provedena: (Agent vaccinated against)	SARS-CoV-2 (ICD 11 XN109, SNOMED CT 840533007)		
Typ očkovací látky: Vaccine:	mRNA vakcína proti onemocnění COVID-19 COVID-19 mRNA Vaccine, Severe acute respiratory syndrome coronavirus 2 mRNA only vaccine product (SNOMED CT 3119349007)		
Název produktu: (Name of medicinal product)	Comirnaty		
Držitel rozhodnutí o registraci: (Marketing Authorization Holder)	BioNTech Manufacturing GmbH		
Země vakcinace: (Country of vaccination)	CZ	Kód vakcinačního centra: (Vaccination center code)	IC 2586963 PČZ 111111
Vakcinace ukončena: Vaccination schedule completed:	Ano Yes	Dávka/rychlost počtu dávek (Number in a series of vaccination/doses)	2/2
Šarže (Batch number)	Dávka(dose) 1/2	Dávka(dose) 2/2	D5423452
Vydávatel certifikátu: Certificate issued by:	Ministerstvo zdravotnictví České republiky Ministry of Health of the Czech Republic		
Datum vakcinace: (Date of vaccination YYYY-MM-DD)	2023-12-26	Datum vyšetření certifikátu: (Certificate issued YYYY-MM-DD)	2023-12-27

Verze certifikátu [Certificate version] 1.0.0




Certifikát vystavil (Signature)

---

MUDr. Jan Novák  
Nemourské na Trávěšce  
Na Františku 807/8, 110 09 Staré Město,  
IČ: 108 79 444

Identifikátor certifikátu [Unique identifier of the certificate]:

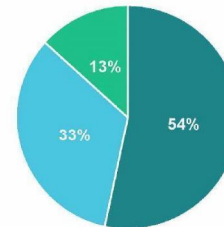


V1C68E979430E440400007051E

MS are working on and some are issuing vaccination certificates already.

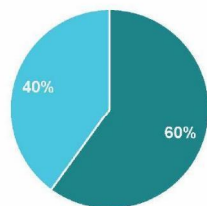
- Both paper and digital solutions are supported

Member States with legislation to cover the issuance of the vaccination certificates



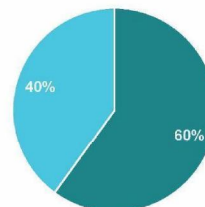
■ Yes ■ No ■ It is planned

Do Member States issue vaccination certificates/proofs for COVID-19 vaccinated persons?



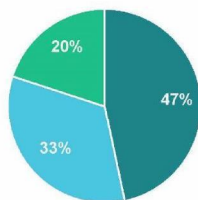
■ Yes ■ No, but it is foreseen

Who receives a vaccination certificate/Proof?



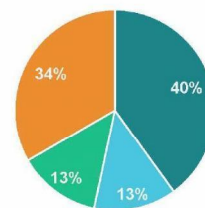
■ Everyone who receives vaccination automatically gets a certificate  
■ Everyone who requests a vaccination certificate

When will the Vaccination Certificate be issued?



■ Don't know/not decided  
■ After every dose  
■ Only after the completion of the vaccination cycle

How will the Vaccination Certificates be issued?



■ Digitally certificates ■ On paper  
■ Don't know yet ■ Digitally and on paper



5.1.2a

## Collaboration: EU and worldwide

5.1.2a

EU

- Support for national deployment



5.1.2a

## Common Goal

Establish a **common EU-wide basis** that will **ease the issuance of smart vaccination certificates** from the moment that COVID-19 vaccines are administered

**Simplicity**

**Flexibility**

**Step-wise  
approach**

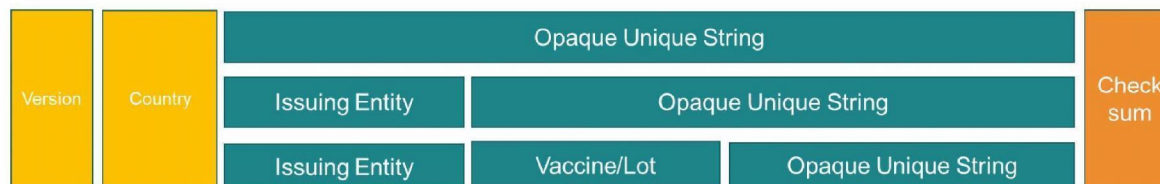
## Action Plan



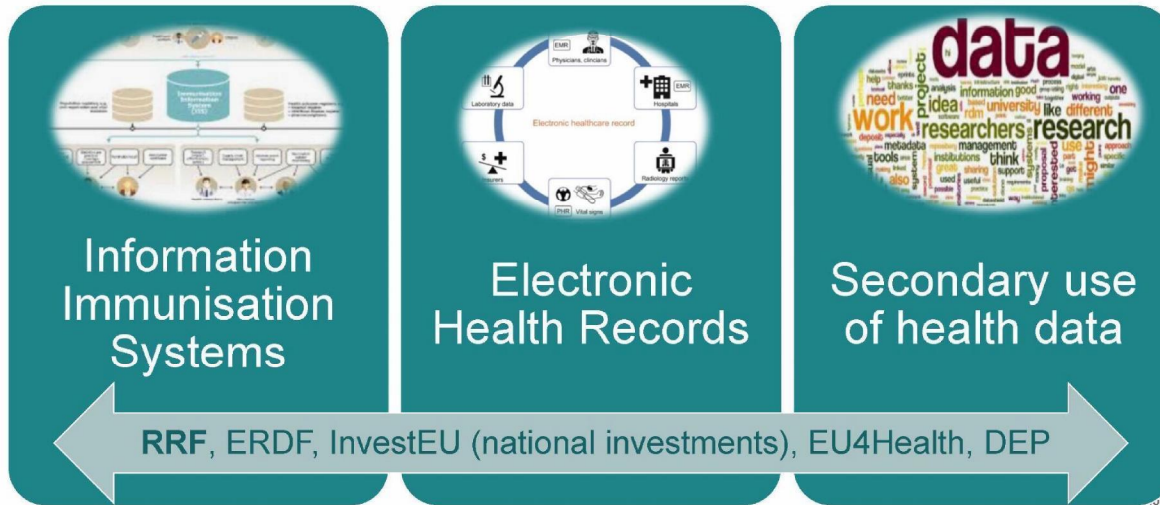
## Minimum dataset

Section	Data element	Use Case	Description
Person identification (minimum dataset)	Person name	P, R	The legal name of the vaccinated person
	*Person identifier (optional)	P, R	An identifier of the vaccinated person, according to the policies applicable in each country. It should be captured what type of an identifier is used.
	Sex (optional)		Administrative gender
	Person date of birth (conditional)	P, R	Vaccinated person's date of birth. Mandatory if no Person identifier is provided.
*Vaccination / prophylaxis information (minimum dataset)	Disease or agent targeted (optional)	P, R	Disease or agent that the vaccination provides protection against
	Vaccine / prophylaxis	P, R	Generic description of the vaccine/Vaccine component(s)
	Vaccine medicinal product	P, R	Medicinal product name
	Marketing Authorization Holder	P, R	Marketing Authorisation Holder
* means that the whole section may be repeated	Number in a series of vaccinations / doses	P, R	Order in the vaccination course
	Batch/lot number	R	A distinctive combination of numbers and/or letters which specifically identifies a batch
	Date of vaccination	P, R	
	Administering centre	R	Name/code of administering centre
	Health Professional identification (optional)	R	Name or health professional code responsible for administering the vaccine or prophylaxis
	Country of vaccination	P, R	The country in which the individual has been vaccinated
	Next vaccination date (optional)	R	Date on which the next vaccination should be administered
Certificate metadata (minimum dataset)	Certificate issuer	P	Entity that has issued the certificate (allowing to check the certificate)
	Certificate Identifier	P, R	Unique identifier of the certificate (JVCI), to be printed (human readable) into the certificate; the unique identifier can be included in the IIS
	Certificate valid from (optional)	P	Certificate valid from (required if known)
	Certificate valid until (optional)	P	Certificate valid until (validity can differ from the expected immunisation period)
	Certificate schema version	P	Version of this minimum dataset definition - currently set at 1.0.0

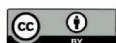
## Unique Vaccination Certificate/assertion identifier (UVCI)



## Funding



# Thank you



© European Union 2020

Unless otherwise noted the reuse of this presentation is authorised under the [CC BY 4.0](https://creativecommons.org/licenses/by/4.0/) license. For any use or reproduction of elements that are not owned by the EU, permission may need to be sought directly from the respective right holders.

