



## Data Management Plan

### NOVA

Responsible Partner: SVA

Contributing partners: Anses, Sciensano, BfR, RKI, DTU, SSI, INIA, UCM, APHA, PHE, ISS, IZS, RIVM, NIPH, NVI, PHA



# NOVA

## HORIZON 2020 FAIR DMP

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### Admin Details

**Project Name:** NOVA

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### Version information

#### 1. Version number

V3.0

#### 2. Description

This is the third and final version of the NOVA DMP, updated in September 2021. The first version was created in March 2019.

Information about data management is detailed for each work package in separate Excel-documents, included as attachments to this plan:

Work package 1: DMP\_v3\_WP1.xlsx

Work package 2: DMP\_v3\_WP2.xlsx

Work package 3: DMP\_v3\_WP3.xlsx

Work package 4: DMP\_v3\_WP4\_Disease data.xlsx, DMP\_v3\_WP4\_Environmental variables.xlsx, DMP\_v3\_WP4\_Modelling script.xlsx, DMP\_v3\_WP4\_Population data.xlsx, DMP\_v3\_WP4\_Result dissemination.xlsx

Work package 5: DMP\_v3\_WP5.xlsx

#### 3. Date of first version

2019-03-29

#### 4. Date of last update

2021-09-15

### 1. Data summary

#### 1. What is the purpose of the data collection/generation and its relation to the objectives of the project?

See sheet named "DataSummary" in each Excel-document attached.

#### 2. What types and formats of data will the project generate/collect?

See sheet named "DataSummary" in each Excel-document attached.



### **3. Will you re-use any existing data and, if so, how?**

See sheet named "DataSummary" in each Excel-document attached.

### **4. What is the origin of the data?**

See sheet named "DataSummary" in each Excel-document attached.

### **5. What is the expected size of the data (if known)?**

See sheet named "DataFindable" in each Excel-document attached.

### **6. To whom might the data be useful ('data utility')?**

See sheet named "DataSummary" in each Excel-document attached.

## **2.1 FAIR data: Making data findable, including provisions for metadata**

### **1. Are the data produced and/or used in the project discoverable with metadata?**

See sheet named "DataFindable" in each Excel-document attached.

### **2. Are the data produced and/or used in the project identifiable and locatable by means of a standard identification mechanism?**

See sheet named "DataFindable" in each Excel-document attached.

### **3. What naming conventions do you follow?**

See sheet named "DataFindable" in each Excel-document attached.

### **4. Will search keywords be provided that optimize possibilities for re-use?**

See sheet named "DataFindable" in each Excel-document attached.

### **5. What is your approach for clear versioning?**

See sheet named "DataFindable" in each Excel-document attached.

### **6. What metadata will be created?**

See sheet named "DataFindable" in each Excel-document attached.

## **2.2. FAIR data: Making data openly accessible**

### **1. Which data produced and/or used in the project will be made openly available as the default? If some data is kept closed provide a rationale for doing so.**

See sheet named "DataAccessible" in each Excel-document attached.



## **2. How will the data be made accessible?**

See sheet named "DataAccessible" in each Excel-document attached.

### **3. What methods or software tools are needed to access the data? Is documentation about the software needed to access the data included? Is it possible to include the relevant software (e.g. in open source code)?**

See sheet named "DataAccessible" in each Excel-document attached.

### **4. Where will the data and associated metadata, documentation, and code be deposited? Have you explored appropriate arrangements with the identified repository?**

See sheet named "DataAccessible" in each Excel-document attached.

### **5. If there are restrictions on use, how will access be provided?**

See sheet named "DataAccessible" in each Excel-document attached.

## **2.3. FAIR data: Making data interoperable**

### **1. Are the data produced in the project interoperable? What data and metadata vocabularies, standards or methodologies will you follow to make your data interoperable?**

See sheet named "DataInteroperable" in each Excel-document attached.

### **2. Will you be using standard vocabularies for all data types present in your data set, to allow inter-disciplinary interoperability? In case it is unavoidable that you use uncommon or generate project specific ontologies or vocabularies, will you provide mappings to more commonly used ontologies?**

See sheet named "DataInteroperable" in each Excel-document attached.

## **2.4. FAIR data: Increase data re-use (through clarifying licenses)**

### **1. How will the data be licensed to permit the widest re-use possible?**

See sheet named "DataReUsable" in each Excel-document attached.

### **2. When will the data be made available for re-use? If applicable, specify why and for what period a data embargo is needed.**

See sheet named "DataReUsable" in each Excel-document attached.

### **3. Are the data produced and/or used in the project usable by third parties, in particular after the end of the project? If the re-use of some data is restricted, explain why.**

See sheet named "DataReUsable" in each Excel-document attached.



#### **4. How long is it intended that the data remains re-usable?**

See sheet named "DataReUsable" in each Excel-document attached.

#### **5. Are data quality assurance processes described?**

See sheet named "DataReUsable" in each Excel-document attached.

### **3. Allocation of resources**

#### **1. What are the costs for making data FAIR in your project? How will these costs be covered?**

See sheet named "Ressources" in each Excel-document attached.

#### **2. Who will be responsible for data management in your project?**

See sheet named "Ressources" in each Excel-document attached.

#### **3. What are the costs and potential value of long term preservation?**

See sheet named "Ressources" in each Excel-document attached.

### **4. Data security**

#### **1. What provisions are in place for data security (including data recovery as well as secure storage and transfer of sensitive data)?**

See sheet named "Security" in each Excel-document attached.

### **5. Ethical aspects**

#### **1. Are there any ethical or legal issues that can have an impact on data sharing?**

See sheet named "Ethics" in each Excel-document attached.

### **6. Other issues**

#### **1. Do you make use of other national/funder/sectorial/departmental procedures for data management? If yes, which ones?**

See sheet named "Other" in each Excel-document attached.