

# Horizon 2020

## 1. Data Summary

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

*Dataset Fremont Bridge Data:* Analyse bicycle usage patterns of Fremont East/West bridge

**What types and formats of data will the project generate/collect?**

*Dataset Fremont Bridge Data:* CSV

**Will you re-use any existing data and how?**

*Dataset Fremont Bridge Data:* For this analysis, the data is retrieved only once by download link on the Seattle open data platform. <https://data.seattle.gov/Transportation/Fremont-Bridge-Hourly-Bicycle-Counts-by-Month-October/65db-xm6k> The name is provided by the platform: `Fremont_Bridge_Hourly_Bicycle_Counts_by_Month_October_2012_to_present.csv` The name does not contain any information about the retrieval time. Data was last updated on April 2, 2019 and provided by Seattle Department of Transportation. There is no exact information about update interval (update frequency: other).

**What is the origin of the data?**

*Dataset Fremont Bridge Data:* Seattle Department of Transportation

**What is the expected size of the data?**

*Dataset Fremont Bridge Data:*

**To whom might it be useful ('data utility')?**

*Dataset Fremont Bridge Data:* Everyone interested in analyzing bicycle usage patterns of the Fremont Bridge

## 2. FAIR data

### 2.1 Making data findable, including provisions for metadata

**Are the data produced and/or used in the project discoverable with metadata, identifiable and locatable by means of a standard identification mechanism (e.g. persistent and unique identifiers such as Digital Object Identifiers)?**

*Dataset Fremont Bridge Data:* Ja <https://doi.org/10.5281/zenodo.2648564>

**What naming conventions do you follow?**

*Dataset Fremont Bridge Data:* none

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

- 
- Fremont Bridge Data
- 
- 
- Fremont Bridge Bicycle

**Do you provide clear version numbers?**

*Dataset Fremont Bridge Data:* none

**What metadata will be created? In case metadata standards do not exist in your discipline, please outline what type of metadata will be created and how.**

*Dataset Fremont Bridge Data:*

- automatic: Es wird kein festgelegtes System zur Beschreibung genutzt
- semi-automatic: Es wird kein festgelegtes System zur Beschreibung genutzt
- manual: Es wird kein festgelegtes System zur Beschreibung genutzt

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

**Which data produced and/or used in the project will be made openly available as the default? If certain data sets cannot be shared (or need to be shared under restrictions), explain why, clearly separating legal and contractual reasons from voluntary restrictions.**

*Dataset Fremont Bridge Data:* Ja

**How will the data be made accessible (e.g. by deposition in a repository)?**

*Dataset Fremont Bridge Data:* via zenodo repository

**What methods or software tools are needed to access the data?**

*Dataset Fremont Bridge Data:* Browser

**Is documentation about the software needed to access the data included?**

*Dataset Fremont Bridge Data:*

**Is it possible to include the relevant software (e.g. in open source code)?**

*Dataset Fremont Bridge Data:* Ja

**Where will the data and associated metadata, documentation and code be deposited? Preference should be given to certified repositories which support open access where possible.**

*Dataset Fremont Bridge Data:* via zenodo repository (not certified)

**Have you explored appropriate arrangements with the identified repository?**

*Dataset Fremont Bridge Data:* No

**Is there a need for a data access committee?**

**Are there well described conditions for access (i.e. a machine-readable license)?**

*Dataset Fremont Bridge Data:* no sensitive data included

**How will the identity of the person accessing the data be ascertained?**

*Dataset Fremont Bridge Data:* not required, open access

## **2.3. Making data interoperable**

**Are the data produced in the project interoperable, that is allowing data exchange and re-use between researchers, institutions, organisations, countries, etc. (i.e. adhering to standards for formats, as much as possible compliant with available (open) software applications, and in particular facilitating re-combinations with different datasets from different origins)?**

*Dataset Fremont Bridge Data:*

- Ja

**What data and metadata vocabularies, standards or methodologies will you follow to make your data interoperable?**

*Dataset Fremont Bridge Data:*

- None

**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?**

*Dataset Fremont Bridge Data:* Nein

## 2.4. Increase data re-use (through clarifying licences)

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

*Dataset Fremont Bridge Data:* public domain

**When will the data be made available for re-use? If an embargo is sought to give time to publish or seek patents, specify why and how long this will apply, bearing in mind that research data should be made available as soon as possible.**

*Dataset Fremont Bridge Data:* 1. Juli 2019

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

*Dataset Fremont Bridge Data:* Everyone interested in analyzing bicycle usage patterns of the Fremont Bridge

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

*Dataset Fremont Bridge Data:* infinite

## 3. Allocation of resources

**What are the costs for making data FAIR in your project?**

Personnel: 0 Euro

Other: 0 Euro

**How will these be covered? Note that costs related to open access to research data are eligible as part of the Horizon 2020 grant (if compliant with the Grant Agreement conditions).**

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Who will be responsible for data management in your project?

**Are the resources for long term preservation discussed (costs and potential value, who decides and how what data will be kept and for how long)?**

*Preservation decisions*

- Zenodo

*Costs*

Personnel: 0 Euro

Other: 0 Euro

#### 4. Data security

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

**Is the data safely stored in certified repositories for long term preservation and curation?**

*Dataset Fremont Bridge Data:* via zenodo repository, (certified)

#### 5. Ethical aspects

**Are there any ethical or legal issues that can have an impact on data sharing? These can also be discussed in the context of the ethics review. If relevant, include references to ethics deliverables and ethics chapter in the Description of the Action (DoA).**

*Dataset Fremont Bridge Data:* Nein none

**Is informed consent for data sharing and long term preservation included in questionnaires dealing with personal data?**

*Dataset Fremont Bridge Data:*

- Personal data:
- Informed consent: Nein

#### 6. Other issues

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

Nein

none