

# Muntstroom PCP

Open Client Dialogue

[www.muntstroom.brussels](http://www.muntstroom.brussels)

[EUSurvey questionnaire](#)

Webinar

19 November 2020, 15:00-16:30



.brussels 

# 2 different market consultations

Please note that today we are organizing two different market consultations :

1. This **Open Client Dialogue** (15:00-16:30) that is targeting companies that would like to use the -to be produced- People Flow-data to develop new apps/services for commercial purposes.
2. An **Open Market Consultation** (13:00-14:30) that is targeting companies that could provide (elements of) the desired integrated end-to-end solution to produce People Flow-data.

# Objectives

This Open Client Dialogue has four objectives:

1. to inform market parties regarding the upcoming Pre-Commercial Procurement (PCP)
2. to obtain feedback from private parties interested in the use and re-use of open and shared People Flow data.
3. to encourage market parties to team up with consortia for the PCP (e.g. to test the output of the end-to-end solution.)
4. to obtain an overview of parties who would be interested in testing open and shared data during the Living Lab phase (PCP-phase 3) and/or who would like to participate in discussions on People Flow related events during the PCP-process.

# House rules

1. Please note that your login name is visible in the list of participants
2. The presentation will be in English
3. Microphones will be muted
4. Questions will be answered at the end of each part
  - You can note your questions in the chat. Preferably at the end of each part.
  - Please note: the questions can be seen by all participants
  - We will answer your questions now or at a later moment via the website.
5. The slides will be sent to you after the meeting
6. This meeting will be recorded from now
  - If you don't want to be recorded, please turn off your camera



Photo by Mark Duffel on Unsplash

# Agenda

- **Part 1: Introduction**
  - General objectives of the Muntstroom PCP
- **Part 2: Our questions to you**
  - The foreseen –to be produced- People Flow data
  - Our questions to you
- **Part 3: Process of the Open Client Dialogue**

# General objectives of the Muntstroom PCP

# Muntstroom PCP is a project of

4 project partners



(lead)



With the support of



# Members outreach-group

For the outreach to marketparties and supporting matchmaking



**AGORIA**

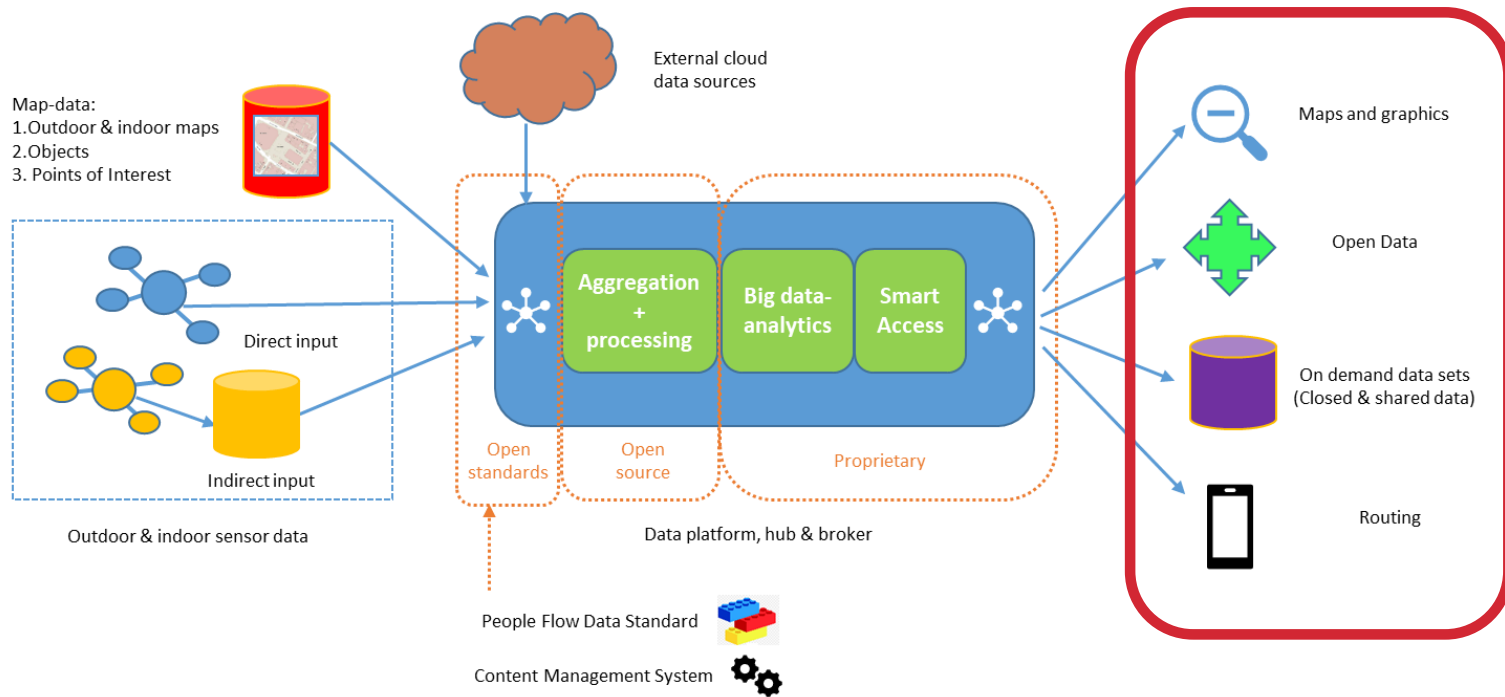




# Primary objective and results

- Shape the future management of multi-faceted people flows, by
  - > Mapping and routing of the people flow
- At the end of this project, the Brussels Capital Region should have
  - > 2 functioning prototypes of TRL-level 8
  - > Specifications of the technology (interfaces, security, privacy,...)
  - > Final test scripts
  - > Agreement upon a people flow data standard
  - > Elaborated and adapted use cases

# Visualisation of the desired solution



# Secondary objective and results

Gain experience with data-driven “Innovation Procurement” in the Brussels Capital Region

- > Develop and test Smart Mobility-concepts, in a real environment (**Living Lab**), **in collaboration with** the private sector and **the end users**.
- > On the long run, the innovative solutions must be deployable on a large scale.

Involvement of potential end-users, on voluntary basis

1. Feedback + input for the requirements
2. Participating in Muntstroom community (workshops on People Flow-data & analytics)
3. Testing Open Data in the Living Lab phase

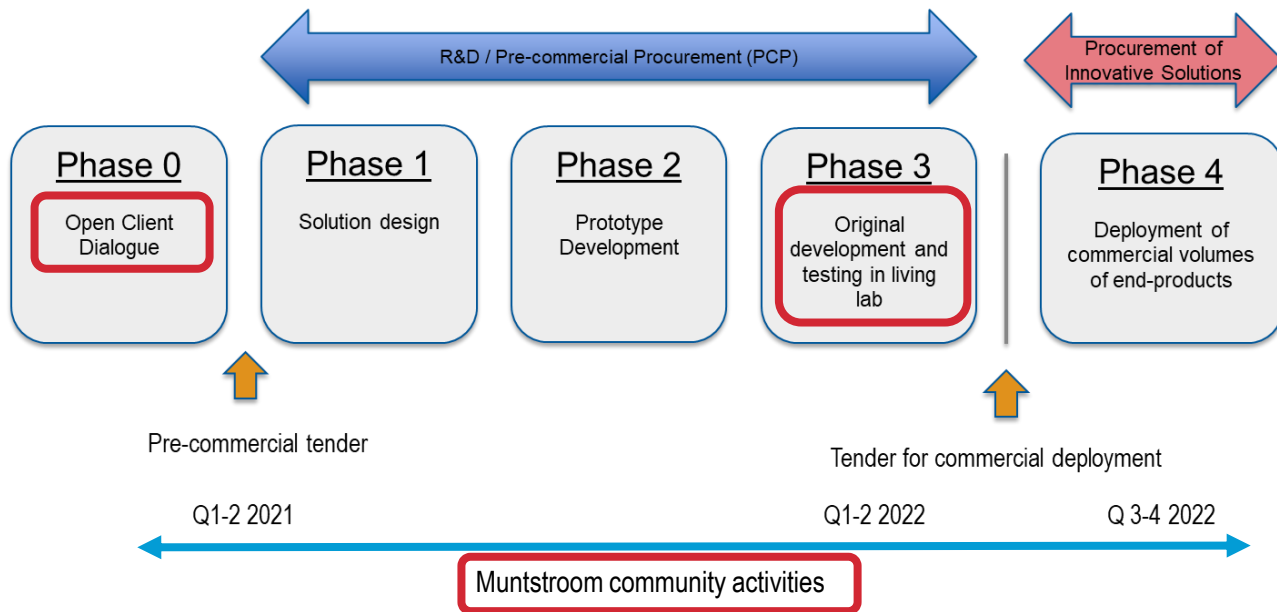
To be challenged  
via the EUSurvey  
questionnaire

Register via  
the EUSurvey  
questionnaire



Figure: Brussels Muntplein / Place de la Monnaie  
Source: maximedelvaux.com

# Input during the phases of the project









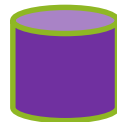
# The foreseen –to be produced- People Flow data



Maps and graphics



Open Data

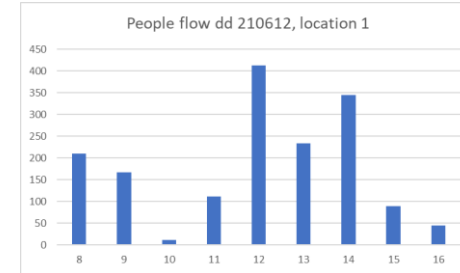
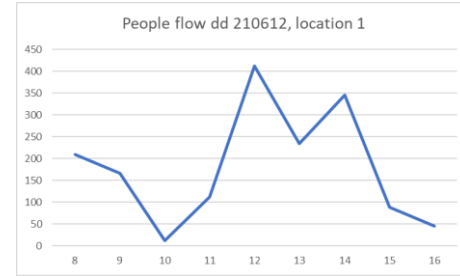


On demand data sets  
(Closed & shared data)



Routing

## Counting and direction



# Closed, shared and open data

Different business models for different end-users

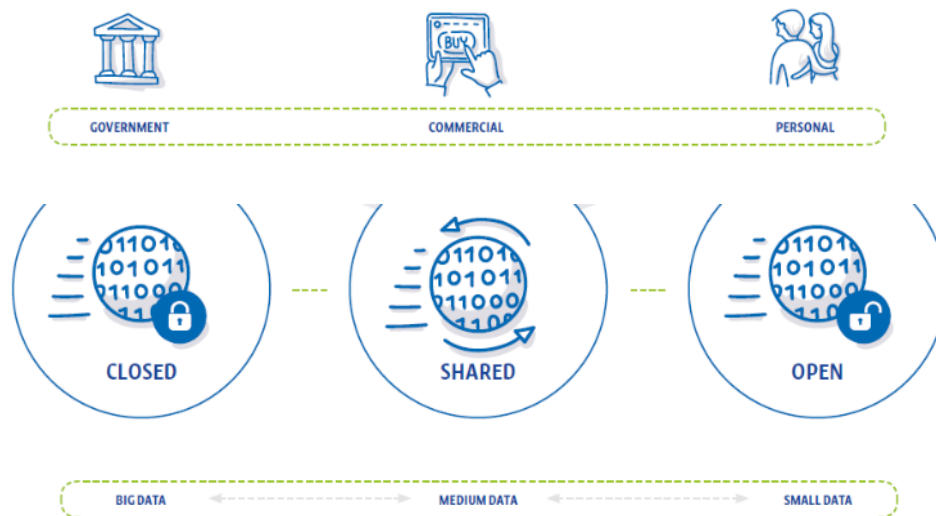







Figure: the Return on Investment on Data  
Source: Agoria White Paper (2018)





# Analytics and routing use cases

In the Living Lab phase, the output will be tested by means of use cases

Analytics	
	Pedestrians analytics
	Analysis of reasons of movements
	Event analytics
	Crowd analytics: security
	Crowd analytics: COVID



Indoor routing	
	PMR: wheelchair
	PMR: partially sighted person
	Subsurface
	Building

	Traffic light analytics
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More information in Annex 2 of the Market consultation document

# Our questions to you

To be answered  
via the EUSurvey  
questionnaire

# What specific elements are you interested in?

- > What is your general interest in People Flow?
- > Are you interested in specific elements?
- > Do you already use a standard for People Flow-data?
- > Can you recommend one?
- > ....

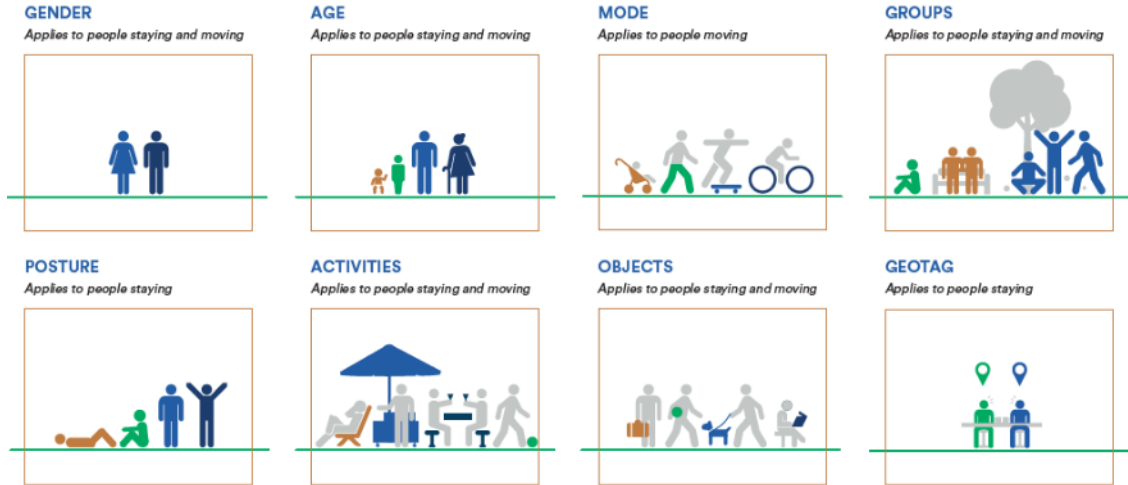


Figure: Public Life survey components  
Source : Public Life Data Protocol (2017)

# Your interest in People Flow-data & analytics?

- > What research questions do you have?
- > What kind of People Flow-data do you need?
  - Of which quality and granularity?
- > Do you want to do the analytics yourself or in a community?
- > ....



Figure: Different analytics and research questions  
Source: Agoria White Paper (2018)

# Privacy and security

- > Do you have any specific privacy concerns you would like to address?







# Process of the Open Client Dialogue

# Content EUSurvey questionnaire

- > [EUSurvey questionnaire](#)
- > The questionnaire is divided in 8 sections
- > 27 questions: you may leave questions blank
- > Available in French, Dutch and English
- > You can download the questions for offline preparation or save a draft.
- > You can leave remarks or upload information via the final question.

1. Contact details
2. Your interest in People Flow
3. Participation in the PCP
4. Use cases
5. Your needs
6. Value of data
7. Privacy and security
8. Last remarks



# Please use “contact” for practical problems

☒ Save a backup on your local computer (disable if you are using a public/shared computer)

## Muntstroom PCP, Brussels Capital Region

Fields marked with \* are mandatory.

**Disclaimer**  
*The European Commission is not responsible for the content of questionnaires created using the EUSurvey service - it remains the sole responsibility of the form creator and manager. The use of EUSurvey service does not imply a recommendation or endorsement, by the European Commission, of the views expressed within them.*

INTRODUCTION

### Open Market Consultation

**Views**  
Standard [Accessibility Mode](#)

**Languages**  
[EN] English ▼

**Contact**  
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# Planning

Year	Date	Activity
2020	19 November	<b>OCD-webinar (from 15h-16:30 CET, via MS Teams)</b>
	20 November	Deadline for possible questions by email from interested parties
	27 November	Final publication Q&A by Muntstroom PCP Group on project website and/or EUSurvey portal.
	4 December	17h CET. Deadline for answering the EUSurvey questionnaire
	18 December	Publication of OMC report.
	28 December	Formal closure of the Open Market Consultation

# Follow up

Year	Date	Activity
2021	Q 1-2	Start <b>matchmaking activities</b> via Outreach group
		Webinars on the theory of a Pre-Commercial Procurement
		Foreseen start of the PCP via a pre-commercial tender
		Award of the framework agreement + PCP-phase 1 contract
2022	Q 1-2	Preliminary start of the Living Lab-phase (PCP-phase 3)
	Q 3-4	Preliminary start of the PPI (phase 4) via a tender for commercial deployment

# More information

- [EUSurvey questionnaire](#)
- Website: [www.muntstroom.brussels](http://www.muntstroom.brussels)
  - Download the market consultation document, description of the scope and/or the use cases.
- Questions about the process can be asked via [muntstroom@stib-mivb.brussels](mailto:muntstroom@stib-mivb.brussels)



# Thank you for your attention