28TH BREAKFAST AT SUSTAINABILITY’S

12 December 2018, Office of the Basque Country's Delegation in Brussels

SUMPS-UP

SUMP 2.0: Reshaping the EU Sustainable Urban Mobility Planning Guidelines

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Maia Municipality
Overview within Maia SUMP Process

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- Maia Municipality Context
- Maia SUMP Process
- Difficulties an Concerns
Overview within Maia SUMP Process

Porto Metropolitan Area and Maia Municipality Context

Porto Metropolitan Area

- 2040 km², 9.58% of North Region
- 1.700 000 Inhabitants
- 17 Municipalities

Maia Municipality

- 83 km², 7.95% of Porto Metropolitan Area
- 135.306 Inhabitants
- 10 Parishes

Source: https://www.google.pt/maps

Source: http://portal.amp.pt/pt/
Overview within Maia SUMP Process

135,306 Inhabitants
1,627,6 Inhabitants/km²
61,052 Active Residents
12,65% Inhabitants Growth Rate
10% Metropolitan Population

INE |2011

6 DECADES
Inhabitants | +253%
Industry | 68% > 25%
Services | 22% > 74%
Agriculture | 10% > 1%
Hi-tech | #1 AMP - #3 Nacional
Overview within Maia SUMP Process

CAR OWNER’S RANKING / 1.000 INHABITANTS

Bike Friendly Countries RANKING

1 | HOLANDA (99,1%)
2 | DINAMARCA (80,1%)
3 | ALEMANHA (75,8%)
4 | SUÉCIA (63,7%)
5 | NORUEGA (60,7%)
6 | FINLÂNDIA (60,4%)
7 | JAPÃO (56,9%)
8 | SUIÇA (48,8%)
9 | BÉLGICA (48%)
10 | CHINA (37,2%)
Overview within Maia SUMP Process

GUIDELINES
DEVELOPING AND IMPLEMENTING A SUSTAINABLE URBAN MOBILITY PLAN

GUIA PARA A ELABORAÇÃO DE PLANOS DE MOBILIDADE E TRANSPORTES
Março de 2011
It took almost a year to develop the first phases of the SUMP, corresponding on “preparing well”…
Overview within Maia SUMP Process

Phase 0: Starting Point
- Zoning phase
- Detailed Project Planning
- Quality Control management measures
- Communication Plan
- Timeline

Phase 1: Diagnosis
- Regional, National and International Framework
- Analysis of the mobility situation (data collection, studies, surveys, etc.)
- SWOT analysis

Starting Point: "We want to improve mobility and quality of life for our citizens!"

Preparing well
1. Determine your potential for a successful SUMP
   1.1 Commit to overall sustainable mobility principles
   1.2 Assess impact of regional/national framework
   1.3 Conduct self-assessment
   1.4 Review availability of resources

2. Define the development process and scope of plan
   2.1 Define basic timeline
   2.2 Look beyond your own boundaries and responsibilities
   2.3 Strive for policy coordination and an integrated planning approach
   2.4 Plan stakeholder and citizen involvement
   2.5 Agree on workplan and management arrangements

3. Analyse the mobility situation and develop scenarios
   3.1 Prepare an analysis of problems and opportunities
   3.2 Develop scenarios

Milestone: Analysis of problems & opportunities concluded

January 2011 to March 2012
1st Workshop with stakeholders and Participatory Forum
September, 16 2011
## Overview within Maia SUMP Process

### Preparing well | Problem Analysis

#### Modal Shift

<table>
<thead>
<tr>
<th>Mode of Transport</th>
<th>1991</th>
<th>2001</th>
<th>2011</th>
</tr>
</thead>
<tbody>
<tr>
<td>Public Transport</td>
<td>34.2</td>
<td>22.8</td>
<td>17.6</td>
</tr>
<tr>
<td>Individual Car</td>
<td>38.2</td>
<td>61.0</td>
<td>69.9</td>
</tr>
<tr>
<td>Pedestrian</td>
<td>26.8</td>
<td>15.4</td>
<td>11.2</td>
</tr>
<tr>
<td>Others</td>
<td>0.8</td>
<td>0.8</td>
<td>1.3</td>
</tr>
</tbody>
</table>


*mobility from home to work or to education and training places

#### Means of Transport for daily journeys*, Maia, 2011

- **A pé**
- **Automóvel Ligeiro - Condutor**
- **Automóvel Ligeiro - Passageiro**
- **Autocarro**
- **Transp. Coletivo Empresa ou Escola**
- **Metropolitano**
- **Comboio**
- **Motociclo ou Bicicleta**
- **Outro**

*Source: INE, Censos 1991, 2001 e 2011*

### How to reverse this madness?
Overview within Maia SUMP Process

Elaboração do Plano de Mobilidade Sustentável do Concelho da Maia

Fase 1
Relatório de Caracterização e Diagnóstico

www.dhv.pt
Overview within Maia SUMP Process

Phase 2: Scenario Building
- Conditions and constraints (internal and external)
- Strategic goals
- Scenario building
- Scenario selection

March to April 2012
2nd Workshop
April, 20 2012
Maia privileges soft transport modes, such walking, cycling and the public transport system. Complementary transports need for freight and people are based on an environmental friendly system (less vehicles and better quality freight), improving all together the quality of life, giving people good reasons for loving and stand by their city.
Overview within Maia SUMP Process

3 Different Scenarios, regarding different course of action

1. **0-case scenario**, or Business-as-usual scenario (BAU), a reference for what could happen when nothing is done, so the mobility indicators will follow the trends.

2. **Intermediate scenario**, implementing a set of measures that are both desirable and feasible, regarding the main goals and the resources and other constraints, and also without generate strong controversy or opposition.

3. **Proactive Scenario**, implementing a set of measures that are eminently desirable scenario and with high level of ambition regarding the main goals but without caring about financial or other kind of constraints (high level of resistance).

Despite the fact that the Proactive scenario had the best evaluation, and highlighting the fact that the evaluation process didn’t considerer the constraints (specially costs and social resistance), along another participatory event (2.nd Workshop, April 2012) the decision went through the **Intermediate scenario**.
Overview within Maia SUMP Process

Phase 3: Proposals
- Strategic goals
- Project Proposals (measures)
- Action and Budget Plan
- Governance model

Phase 4: Monitoring and Evaluation
- Monitoring model
- Assessment of the Plan

July 2012 to May 2013
2nd Participatory Forum
Overview within Maia SUMP Process

7 Thematic Plans

- Public Transport Plan
- Pedestrian Plan
- Urban Planning
- Parking Plan
- Road network Plan
- Logistics Plan
- Cycling Plan

- Enlarge the cycle lane network
- Develop the cycle parking network and promote cycling facilities (maintenance, cleaning, etc.)
- Promote cycle/public transport integration
- Establish a Bike sharing system
- Assure the continuous awareness actions among citizens
Overview within Maia SUMP Process

GT_MAT
Informal Working Group for Sustainable Mobility and Design for All

Main Responsibilities:
- Manage plan implementation
- Coordination of the different municipal structures and stakeholders
- Check progress towards the goals, by monitoring and evaluating the results
- Promote citizen engagement
- Identify new challenges and review the achievements and the plan
- Coordination of the different stakeholders within the Follow-up committee
Overview within Maia SUMP Process

Governance | Follow Up Committee
Our “share, collaborate and coordinate” CLOUD
Overview within Maia SUMP Process

Plano de Mobilidade Sustentável do Concelho da Maia

O forte crescimento da taxa de motorização, decorrente da melhoria da qualidade de vida da população, associado aos crescentes processos de urbanização difusos - aos quais o sistema de transportes não consegue responder de forma eficaz satisfazendo as necessidades de mobilidade da população - tem como consequência a utilização massiva do transporte individual.

De facto, os actuais padrões de mobilidade - fortemente sustentados no transporte individual, e as suas consequências apontam para a necessidade de mitigar os seus efeitos negativos contribuindo assim para um desenvolvimento mais sustentável do território.

Grande parte das questões mais presentes relacionadas com o sistema de acessibilidades e transportes são essencialmente de natureza local ou regional e, como tal, necessitam de soluções desse âmbito.

Importa assim definir uma estratégia de intervenção para o concelho da Maia que responda à necessidade de desenvolver um sistema de transportes sustentável.

Com a elaboração do Plano de Mobilidade Sustentável do concelho da maia pretende-se obter um documento estratégico de intervenção para o município em matéria de acessibilidades e gestão da mobilidade, através da definição de um conjunto de medidas operacionais que têm como objectivo a transferência modal para modos de deslocação mais sustentáveis (transportes públicos, modos suaves), ou seja, modos de transportes compatíveis com a prosperidade responsável, coexistência social e do ciclo do meio ambiente e melhoria da eficiência energética, garantindo uma melhor qualidade de vida aos cidadãos.


http://www.cm-maia.pt/frontoffice/pages/444
Overview within Maia SUMP Process

We are here, managing implementation, informing and assuring public awareness, checking progress, being aware of failures, updating systematically our state of the art, in order to restart the cycle…
Overview within Maia SUMP Process

Some Results 2013 | 2018

Assuring public awareness about sustainable mobility
European Mobility Week participation since 2014

Short Video Sustainable Mobility Maia | https://www.youtube.com/watch?v=uZfoHszJ nc

Giving children a central role
Overview within Maia SUMP Process

Some Results 2013 | 2018

European Car Free Day 2018

Short Video EMW 2018 | Car Free Day | https://www.youtube.com/watch?v=qSnNGt5RZTg
Overview within Maia SUMP Process

Some Results 2013 | 2018

Cycling Action Plan

1,8 km of bike lanes concluded
(18 km in project)

13 bike parking devices installed
(10 on project, with a total capability for 134 bikes)

2 Bike maintenance spots installed

Bike Sharing system (on project)

Bicycle Patrol in the field

Annual “Bike to Work” Initiative

Annual Bike Worker Challenge

Flyers and other initiatives
to promote cycling as a daily mode of transport

Citizens engagement
(mainly thought the school system) within security among
the streets, disability people, health benefits of soft modes, etc.
Overview within Maia SUMP Process

Some Results 2013 | 2018

Pedestrian Action Plan

4 Public buildings adapted for disability people

245 movement barriers eliminated
(2,9 % of the total amount identified during the diagnosis phase)

16.936 m² of sidewalks repaired
(12 % of the total area identified during the diagnosis phase)

8.474.755 m² of pedestrian areas and
2.746 movement barriers for elimination in project for requalification actions

Flyers and other initiatives
to promote walking as a daily mode of transport

Citizens engagement
(mainly thought the school system) within security among the streets, disability people, health benefits of soft modes, public transports, etc.
Overview within Maia SUMP Process

Some Results 2013 | 2018

Public Transports Action Plan

With Porto Metropolitan Area

We enlarge the ANDANTE
(Intermodal Ticket System) to the main transport operators/services

We launched the MOVE-ME.AMP
A tool that allows the user to plan his trip, giving him information about different ways to do the trip wanted and the exact time he will arrive, benefit from the reliability and security that real-time data access truly ensures.

700 bus stations in project
To improve the quality of bus stations, intermodal connections and transport information system

Citizens engagement
(mainly thought the school system) within security among the streets, disability people, health benefits of soft modes, public transports, etc.

Source: http://move-me.mobi:40308/
Overview within Maia SUMP Process

Difficulties and concerns...

Learning the lessons...

1. Powerful and deeply rooted, car-intensive culture
2. Weak public transport network
3. Weak institutional cooperation culture
4. Lack of group work routines
5. Incipient culture of participatory citizenship
6. Predominance of immediatist decisions, taking into account the political cycles
7. Ressources (money, real money) to invest in public service policies