

# Designing and implementing a Geographic Information System-based tool to support walking

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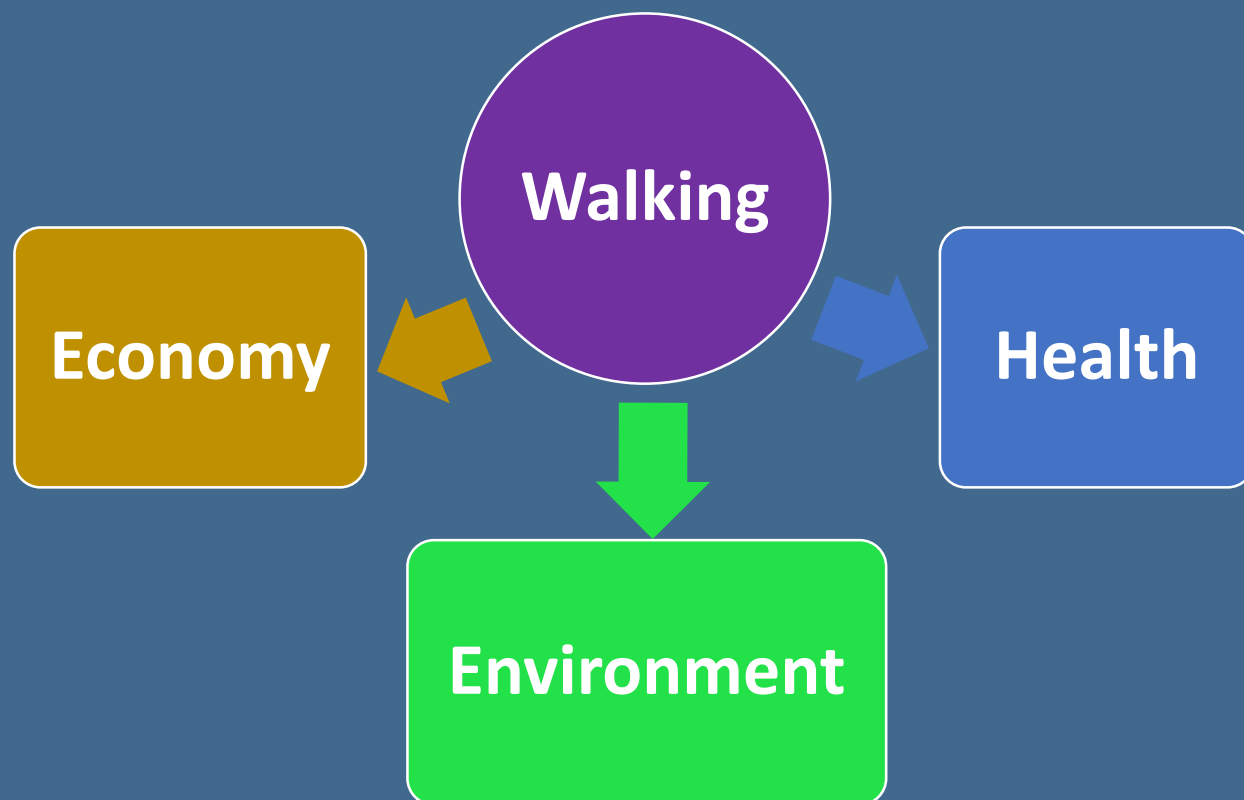
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**Doctoral Programme**  
**GEOGRAPHICAL INFORMATION TECHNOLOGIES (D444)**

**University of Alcalá**

## 1. Introduction:

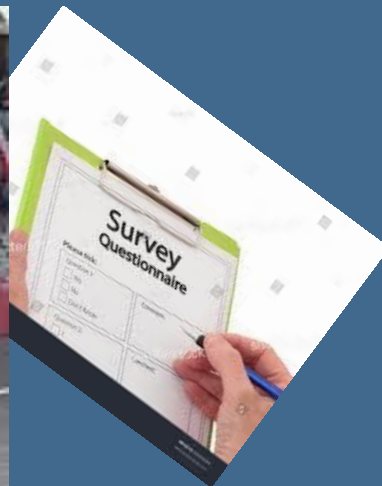
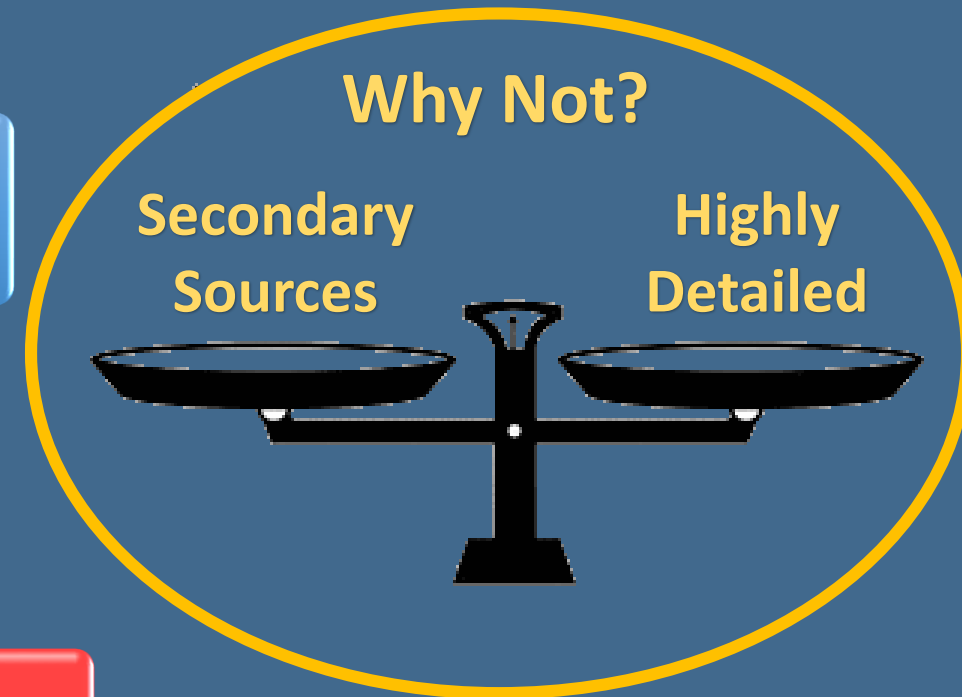
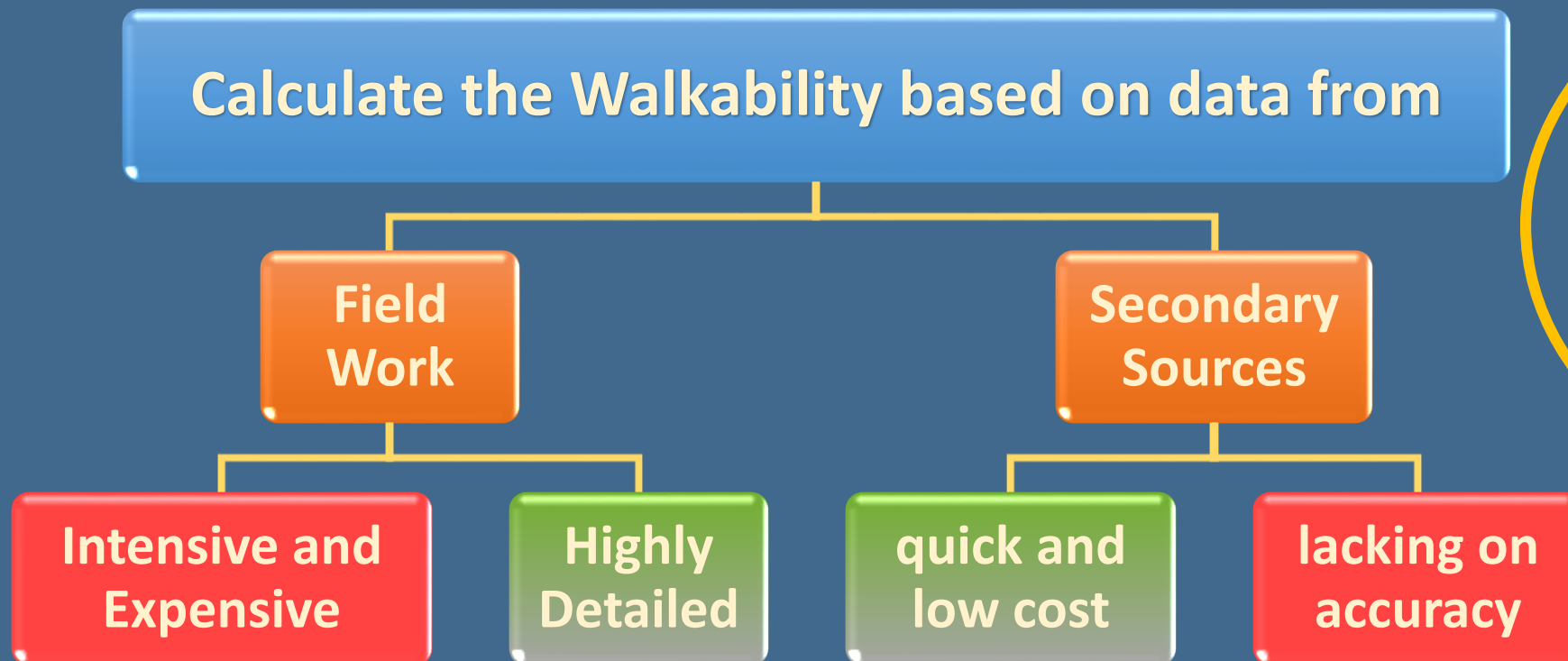
The importance of encouraging  
people to walk



**What does Walkability mean?**  
A measure of how friendly an  
area is to encourage people to  
implement daily needs by walk

**Keywords: Walkability Index, Street segment, Dynamic, Madrid**

# 1. Introduction:



Government Publications  
Official Statistics



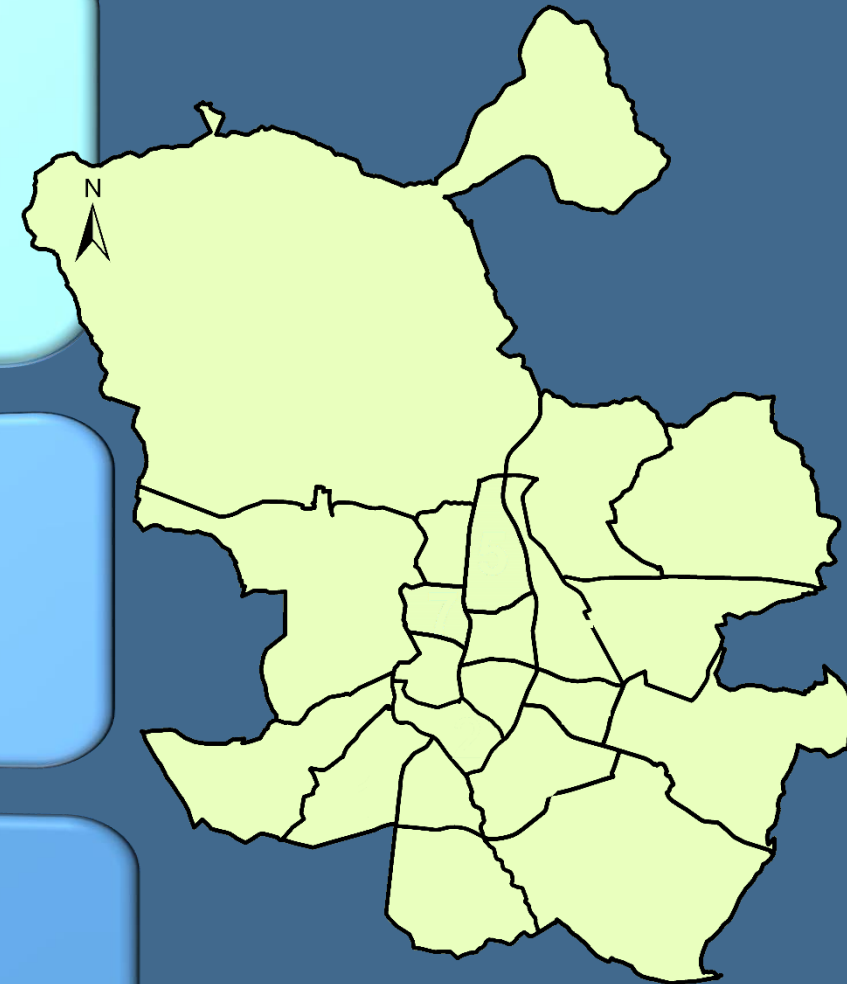
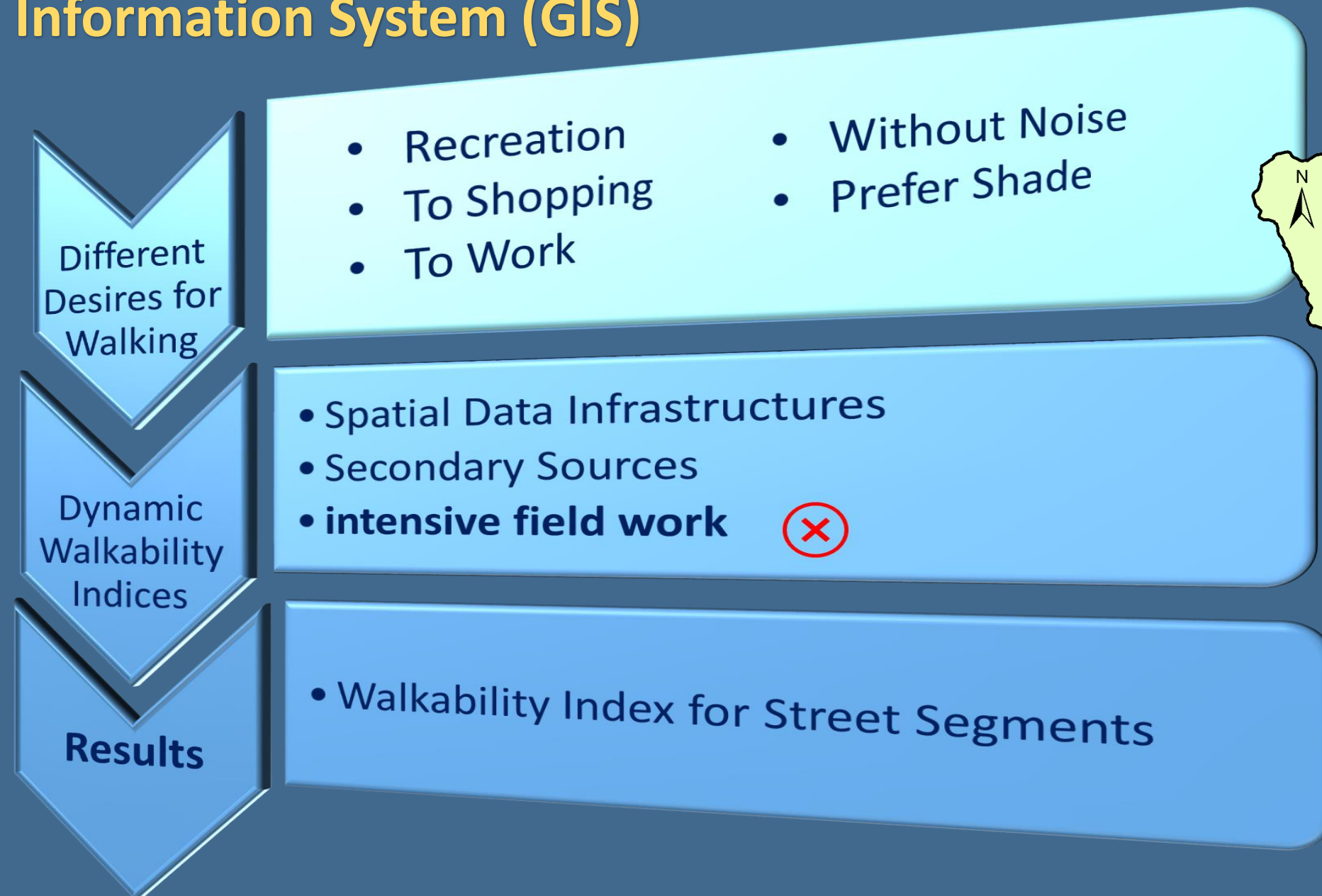
Website Pages  
The Internet



Books and journals

## 2. Objective:

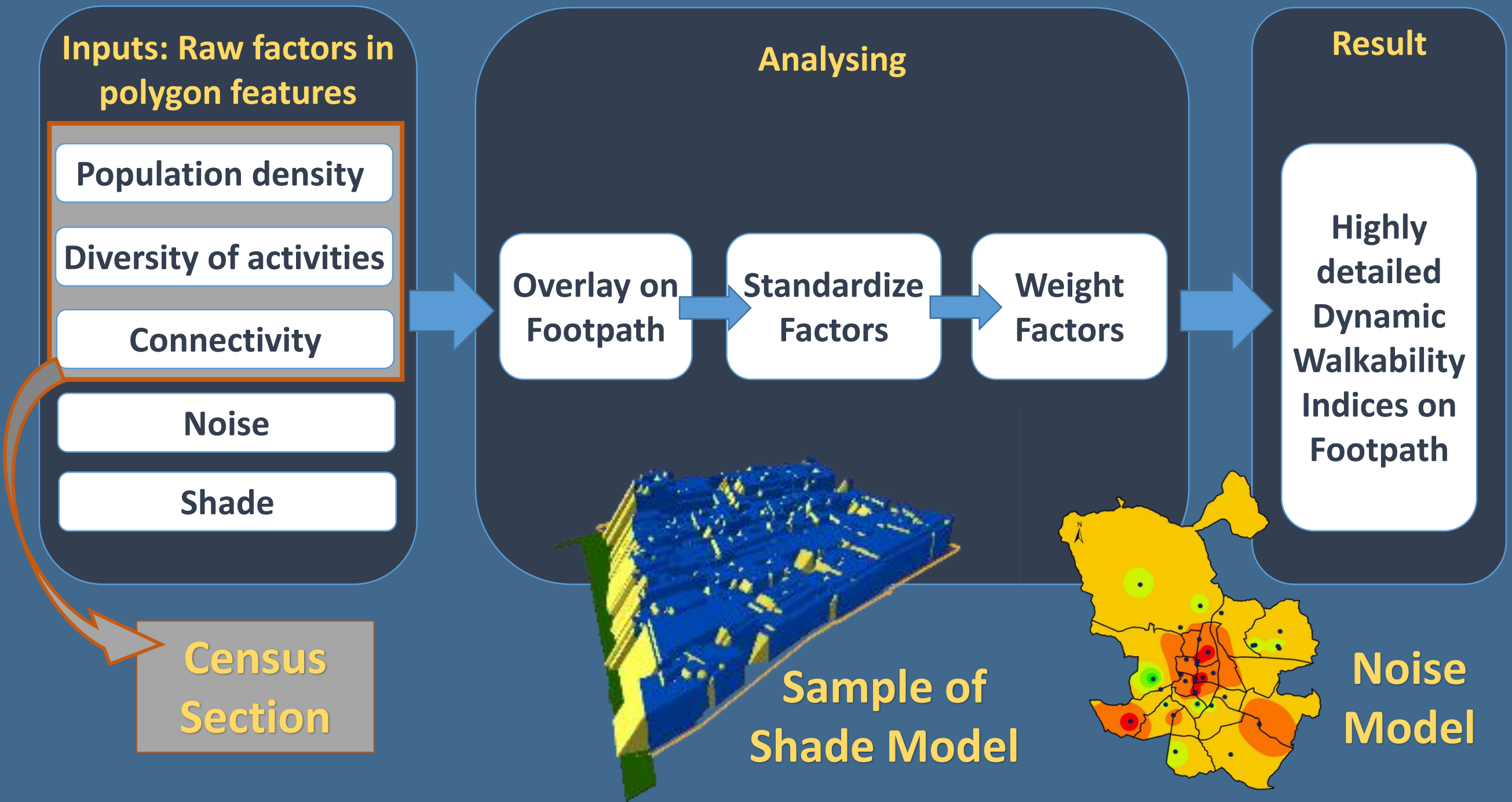
### Through a Geographic Information System (GIS)



**Study Area**  
**City of Madrid**

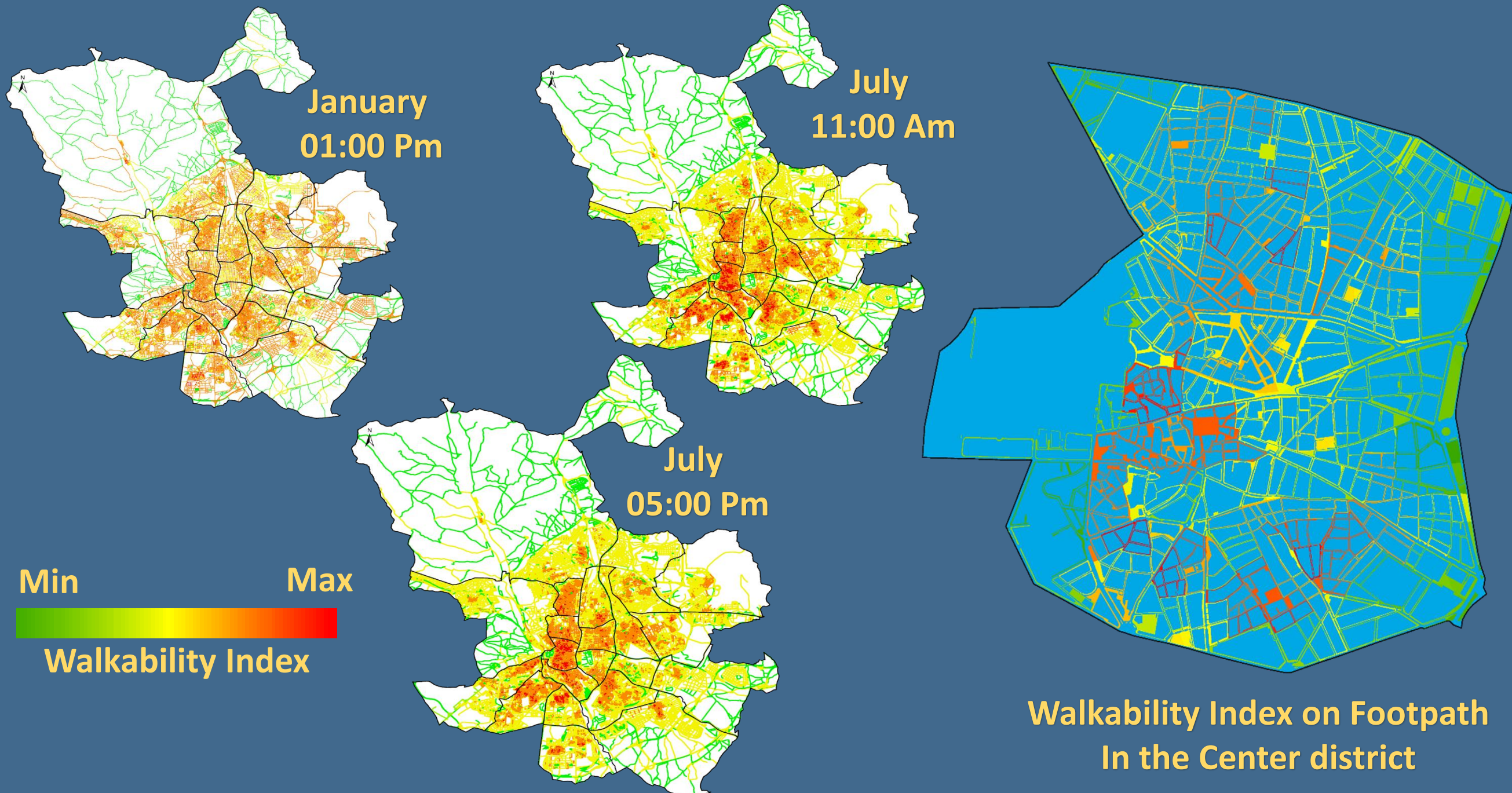
### 3. Method:

To develop Dynamic Walkability Index for the streets of Madrid



## 4. Results:

### Walkability Index Results



# Thank You

## Any Questions?

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