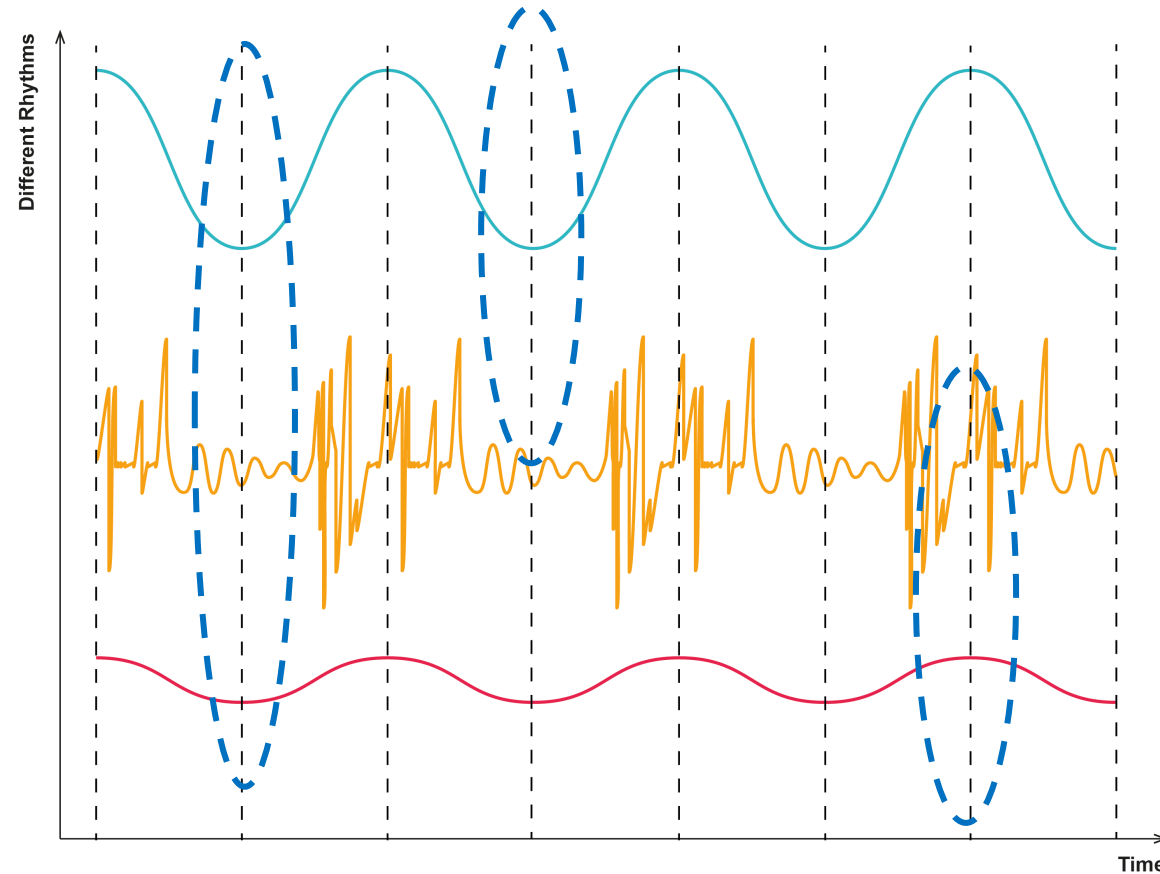


Proposal for a Rhythm Methodology

Concept to be discussed

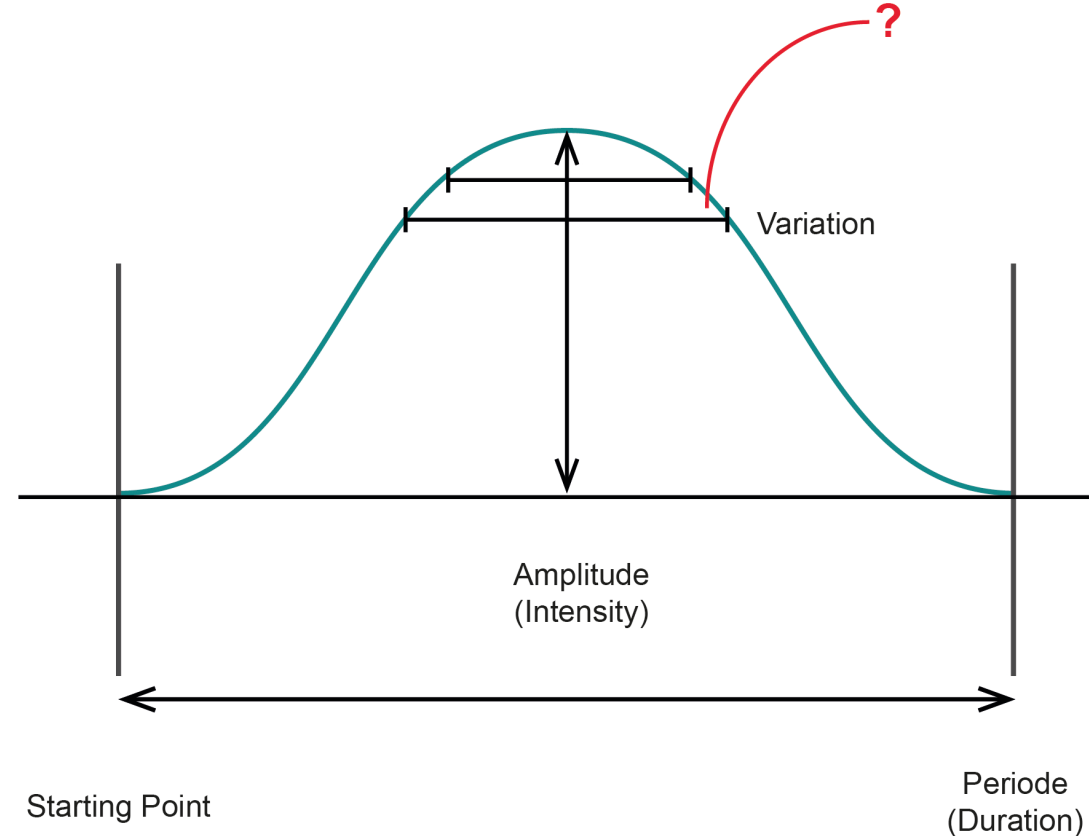
Dr. Caroline Nevejan & Ir. Pinar Sefkatli

Why rhythm for policy making?



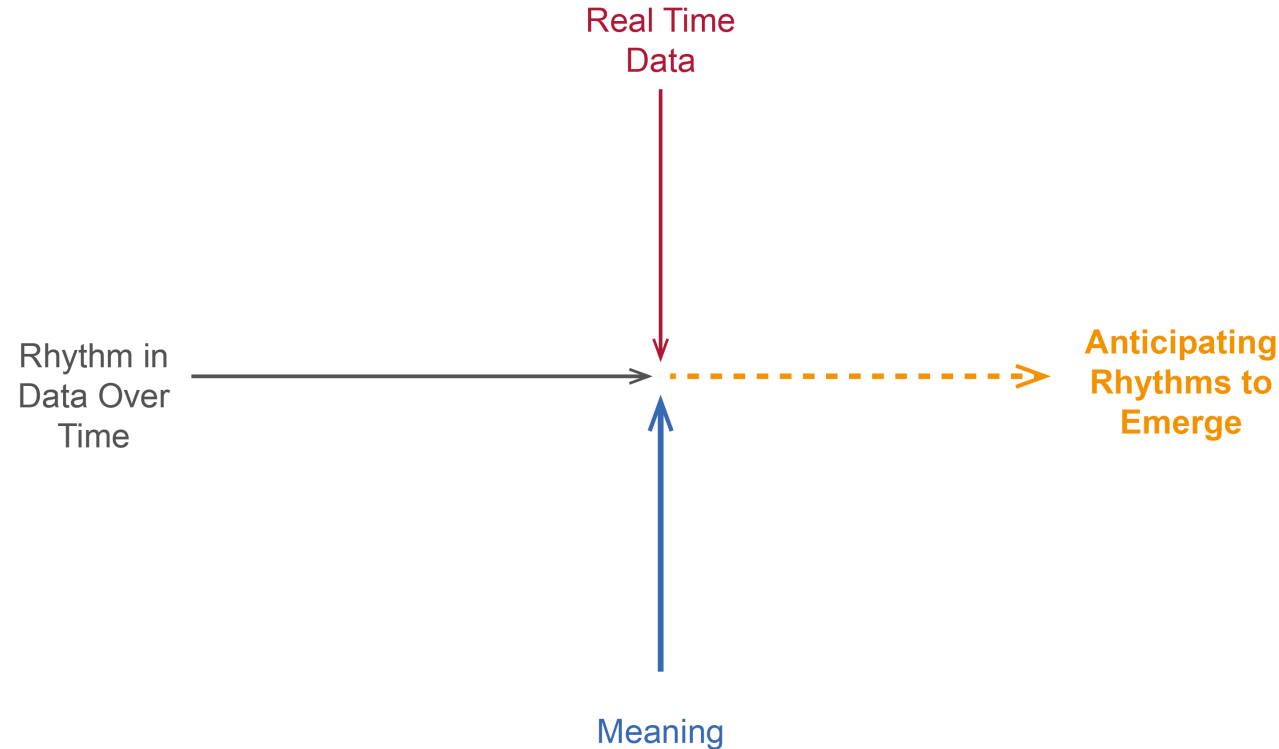
Rhythm analysis allows the observer to identify different dynamic entities and their relation with each other.

Why rhythm for policy making?



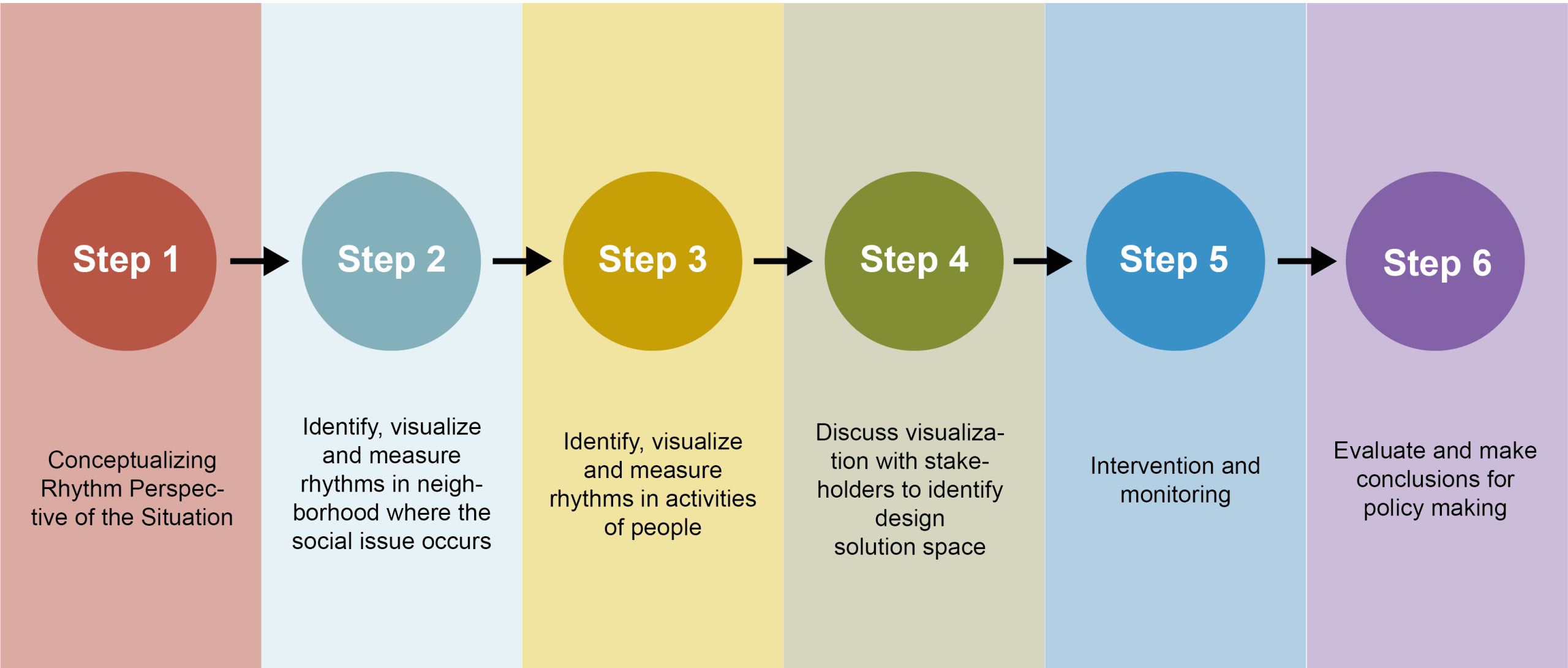
Once the repetitive patterns that shape the dynamism are recognized, it is possible to make interventions on rhythm

Why rhythm for policy making?



Identifying a social issue and then conceptualizing the rhythm aspect of the issue can be a new perspective for policy making

Methodology for translating social problems into rhythm perspective



Step 1: Conceptualizing Rhythm Perspective of the Situation

This exploratory phase is fundamental for the researcher to get an introduction to the question. The researcher articulates the research question, conducts interviews and different analysis, for understanding which rhythms are in significance with the social issue.

- 1. Question articulation from rhythm perspective**
- 2. Interviews**
- 3. Demographic analysis**
- 4. Spatial analysis**
- 5. Functional Analysis**

Step 2: Identify, visualize and measure rhythms in the neighborhood

This analysis is very much based on understanding the rhythms that structure the urban environment where the social issue takes place. These rhythms can vary from the opening hours of shops to the traffic lights.

- 1. Picking a location to analyse**
- 2. Analyzing the flows**
- 3. Analyzing the movements**
- 4. Spotting crucial locations**
- 5. Visualizing**

Step 3: Identify, visualize and measure rhythms in activities of people

In this analysis, the researcher dives deeper into the activities that the participants in the social issue do during the day.

- 1. Choosing target groups and creating personas**
- 2. Interviews**
- 3. Documenting daily patterns**
- 4. Distinguishing different activities carried out during the day**
- 5. Visualizing**

Step 4: Discuss visualization with stakeholders to identify design solution space

After the first three steps of analysis are conducted and the translation has been made from the social issue to the rhythm issue, the next step is to define design solution space in collaboration with stakeholders.

- 1. Presenting the different rhythms and the complete rhythm analysis**
- 2. Identifying design solution space with stakeholders**
- 3. Discuss an intervention**

Step 5: Intervention and monitoring

This is the stage where the proposed interventions are operationalized in collaboration with stakeholders. Following this, the interventions are monitored to validate the outcomes from rhythm perspective.

- 1. Rhythm intervention: making re-arrangements in the elements that structure rhythms**
- 2. Monitoring the rhythm intervention: understanding the new dynamism created through the rhythm intervention**

Step 6: Evaluate and make conclusions for policy making

The researcher is concerned with the overall picture of the rhythm analysis, in order to make conclusions for policy making together with the stakeholders.

- 1. Evaluation (of the 4 main dynamics): rhythm intensity, matching rhythms, tuning rhythms, sharing rhythms**
- 2. Conclusion for policy making**

Results of the Methodology

Rhythm analysis facilitates the identification of a new approach
for **identifying design solution spaces**;



The identification of solution spaces opens up the possibility of
un-anticipated intervention possibilities;



These possibilities open up a **new field of policy making**.

Outline for the City Rhythm Book

Chapter 1: What is rhythm?

1st conference (introduction, definition on rhythm)

Chapter 2: Identifying rhythms in neighborhoods

Research with students from RI Minor

Chapter 4: Translating social issues into rhythm domain

Article on our methodology

Chapter 5: Making the data model and validating

Article on translating Tabla rhythm into algorithm

Chapter 6: Conclusion for policy making