

# PARTICIPATORY SENSING WITHIN CO-CREATION: IMPROVING THE TRANSFORMATION OF THE URBAN ENVIRONMENT

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VERONA CASE INSIDE THE  
LOOPER PROJECT

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AESOP2019

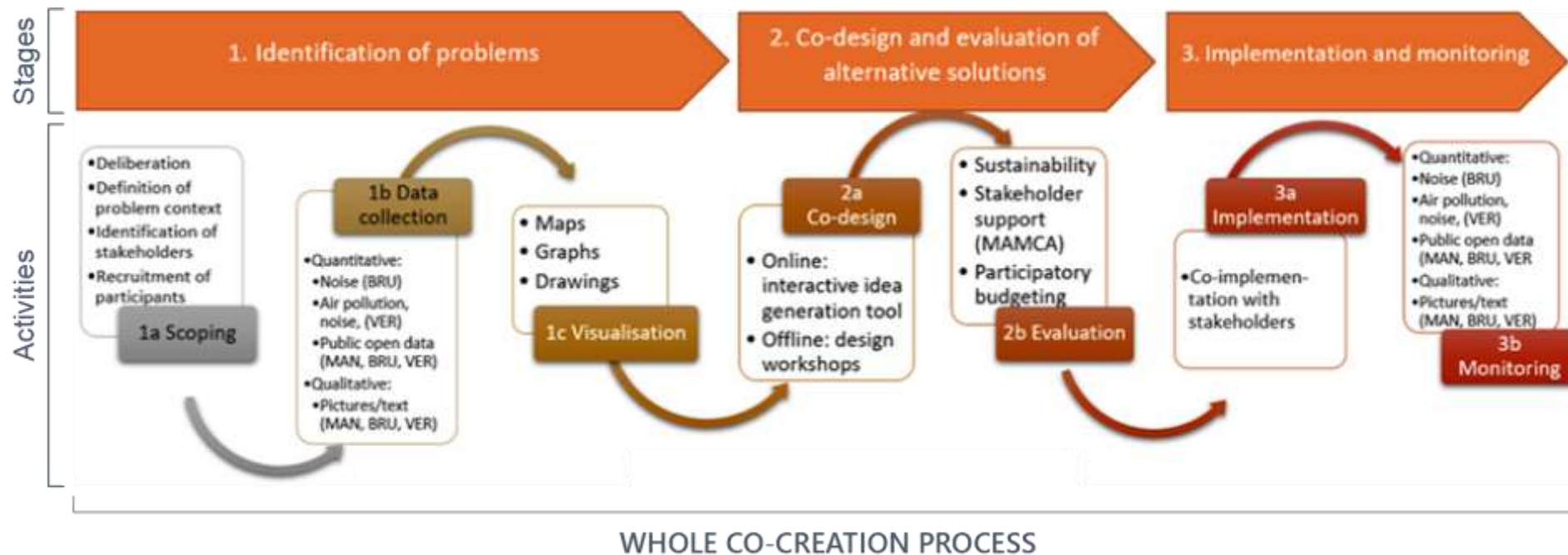
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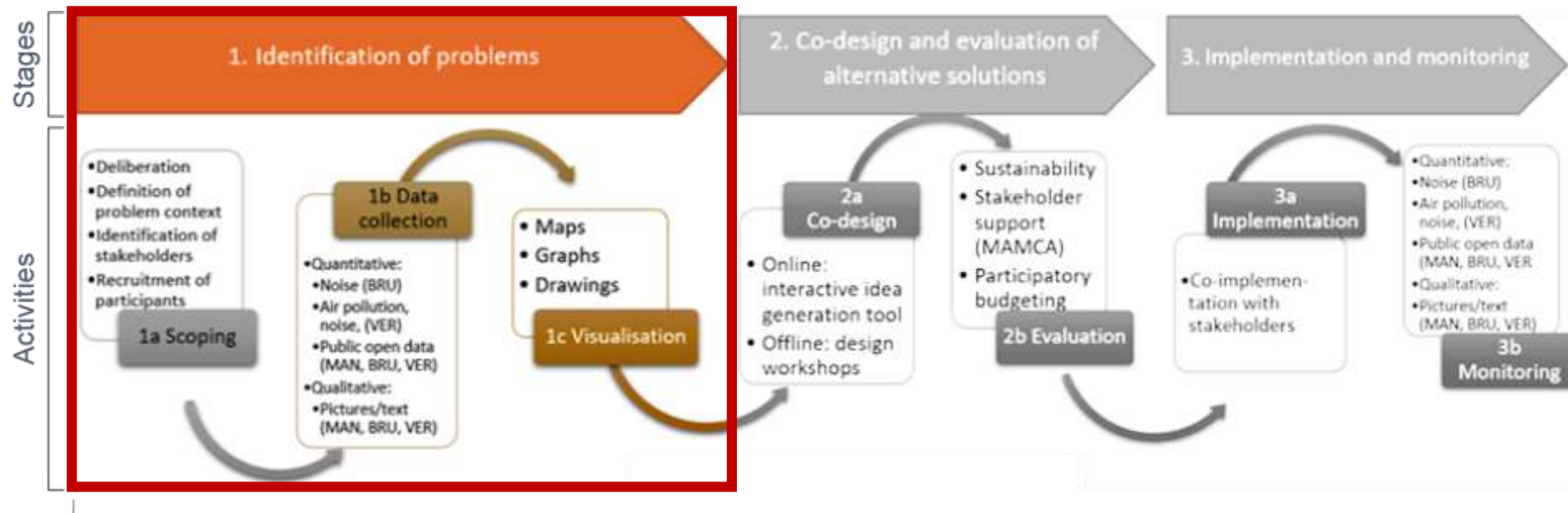


LEARNING  
LOOPS  
IN  
THE  
PUBLIC  
REALM

# THE LOOPER PROJECT COMPLETE PROCESS



# THE PARTICIPATORY SENSING

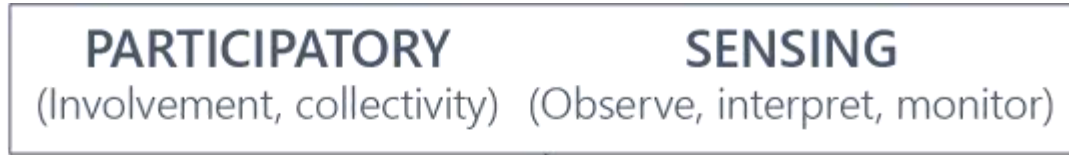


WHOLE CO-CREATION PROCESS

# THE BOTTOM-UP APPROACH

“The fundamental precondition for the implementation of a bottom-up approach is the **existence of a ‘bottom level’**, which for urban planning corresponds to the existence of a community that has certain needs, problems and expectations, that are different from other communities, and is also willing to participate in planning procedures in order to influence them”  
(Pissourios, 2014)

# PARTICIPATORY SENSING AND BOTTOM-UP



i. Create a framework  
ii. Analyse the situation within the framework  
iii. Learn from it

- 1. SCOPING OF ISSUES** = *Involvement of citizens in collective debating moments to observe urban criticalities*
- 2. CO-OPERATIVE DATA COLLECTION** = *Involvement of citizens in collective measuring campaigns*
- 3. CO-VISUALISATION** = *Involvement of citizens in collective interpretation of collected data*

Basic and essential elements to build the “bottom level” to trigger an effective bottom-up approach

Enhancing the bottom-up approach is to embrace a “participatory sensing” approach within the first stage of the learning loop; this is what we have done while applying the LOOPER method at the Verona experience.

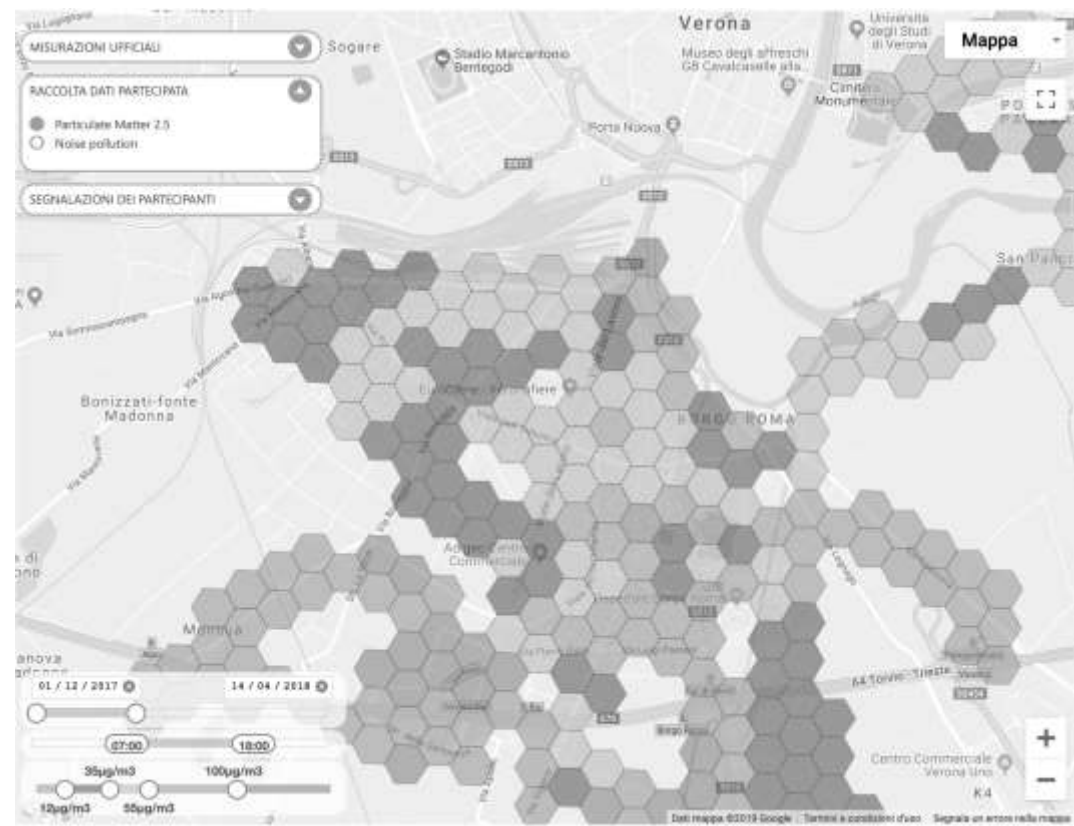
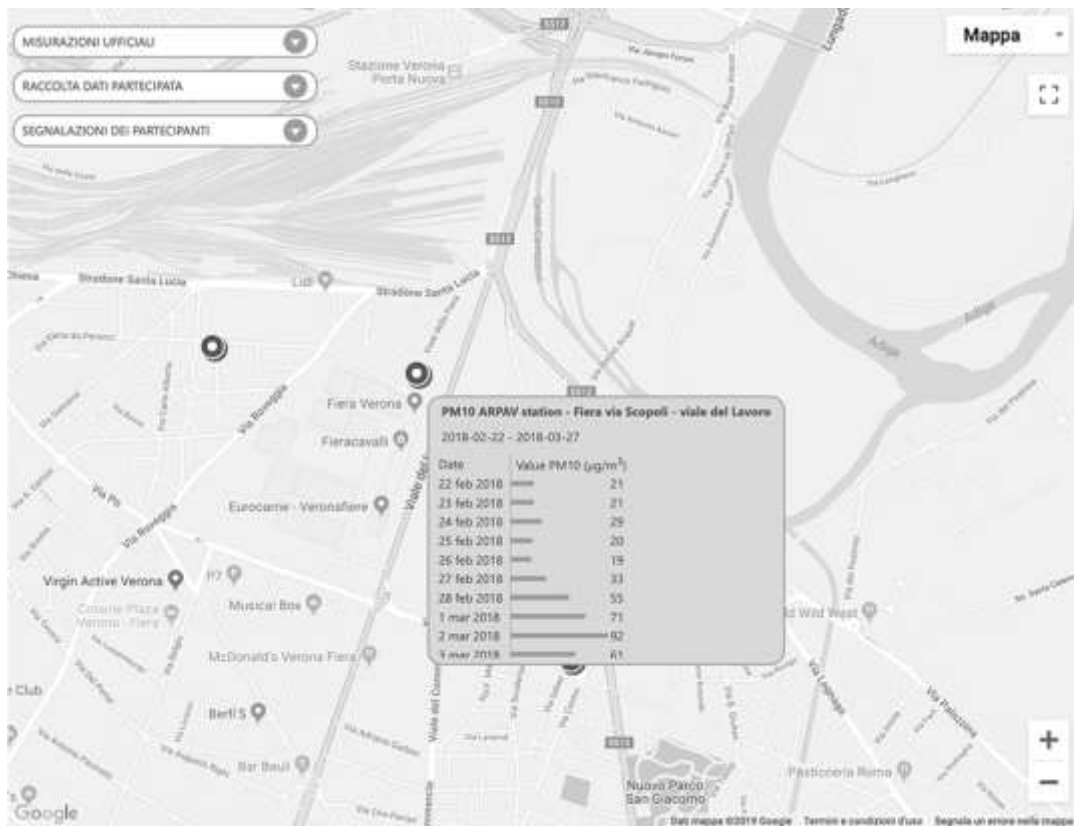
# 1. SCOPING OF ISSUES



## 2. CO-OPERATIVE DATA COLLECTION

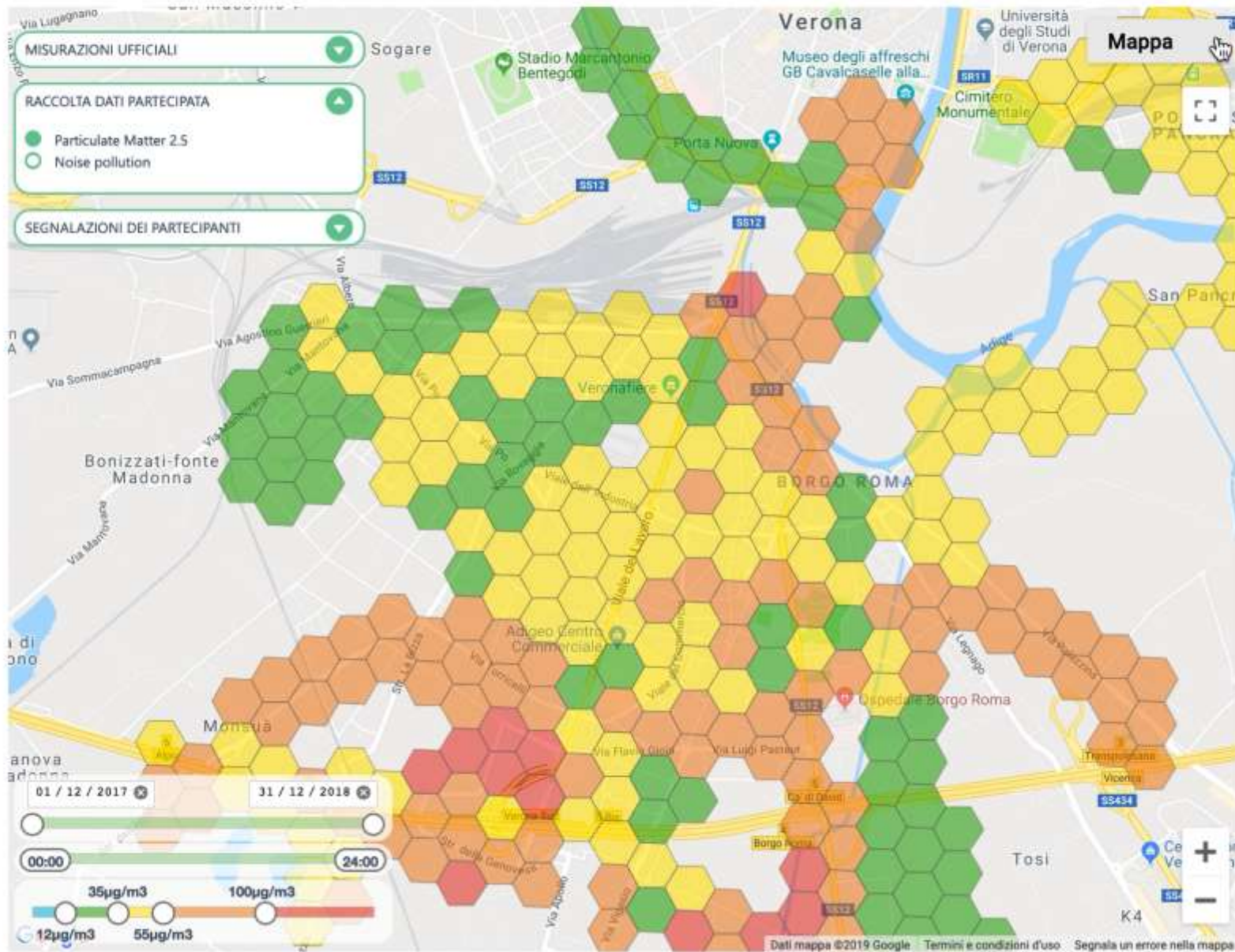


# 3. CO-VISUALISATION

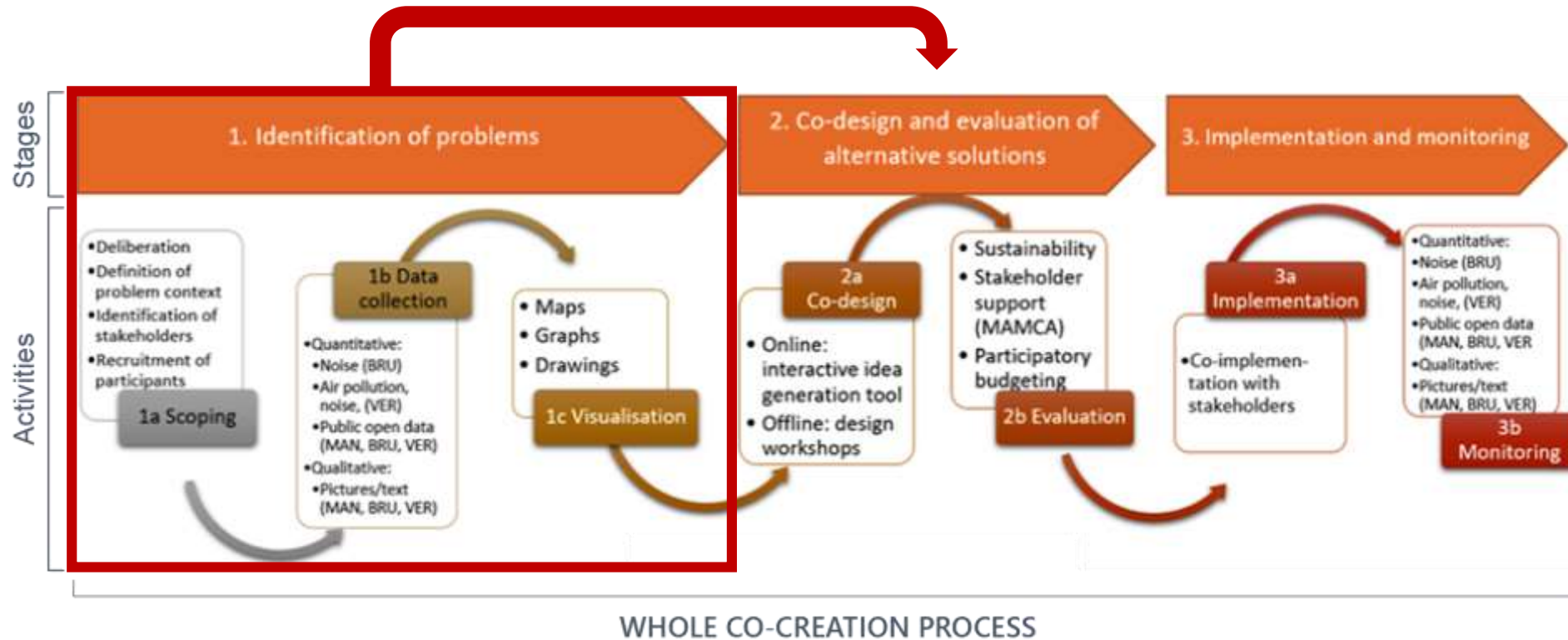




### Dati raccolti



# MOVING FORWARD TO CO-DESIGN



# CO-DESIGN



## Creare luogo di aggregazione

Realizzare uno spazio che incentivi l'aggregazione in via Prina

Incontro 31 ottobre 2018, 17h



## Creare luogo di aggregazione

Chiudere via Veleggio il sabato e la domenica (come esempio di via Caccia) per creare...

Incontro 31 ottobre 2018, 17h



## Siepe via Cacciatori Piemontesi

Aumentare il numero di siepi per schermare ulteriormente la scuola

Incontro 31 ottobre 2018, 17h



## Parcheggio via Scopoli

Aumentare il numero di alberi presenti nell'area del parcheggio per creare una schermatura tra



## Limitazione velocità a 30 km/h su via Scopoli

La via Scopoli, adiacente al quartiere fieristico, è una via abbastanza larga (rispetto la me-



## Aree per il verde di mitigazione a Verona Sud a

I predetti centri commerciali hanno ottenuto illegalmente dal Comune la monetizzazione sost-

# Thank you!

Visit our website:  
[verona.looperproject.eu](http://verona.looperproject.eu)

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