

# Quantifying the co-evolution of economic activities locations with geo-historical data: Paris, 19th century

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## Social Dynamics in Urban Context

Open tools, models and data - Paris and its suburbs, 1789-1950

## Welcome to the SODUCO project

SODUCO is a 4 years pluridisciplinary project funded by the French National Research Agency, it has started in march 2019 and will end in 2023. SODUCO brings together people from the geographical sciences, from urban history, specialists of network morphogenesis and computer scientists to study the evolution of Paris over time, both in terms of its morphological transformations and its social evolutions.

## Project partner institutions

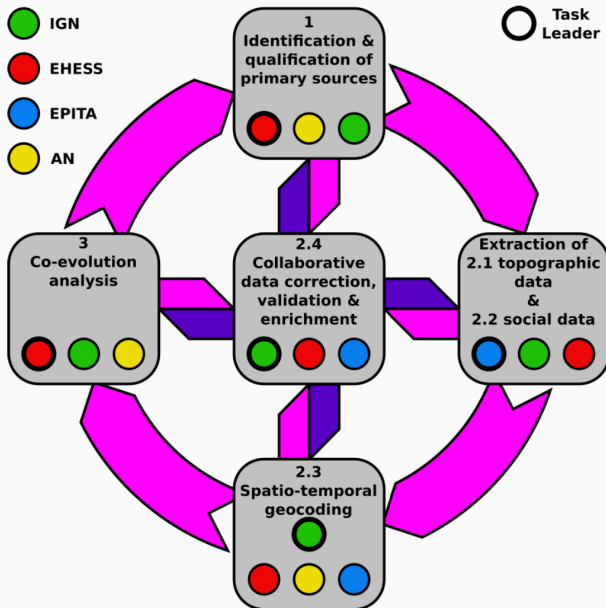
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# Structure of the SODUCO project



# Project research objectives



# Vectorisation of historical maps

# Quantification of intra-urban co-evolutionary dynamics

# Urban systems and geo-historical data





# Data pre-processing



# Definition and characterisation of co-evolution











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**Soduco repository:**

**Models and results open at**

<https://github.com/JusteRaimbault/HistoricalData>

