

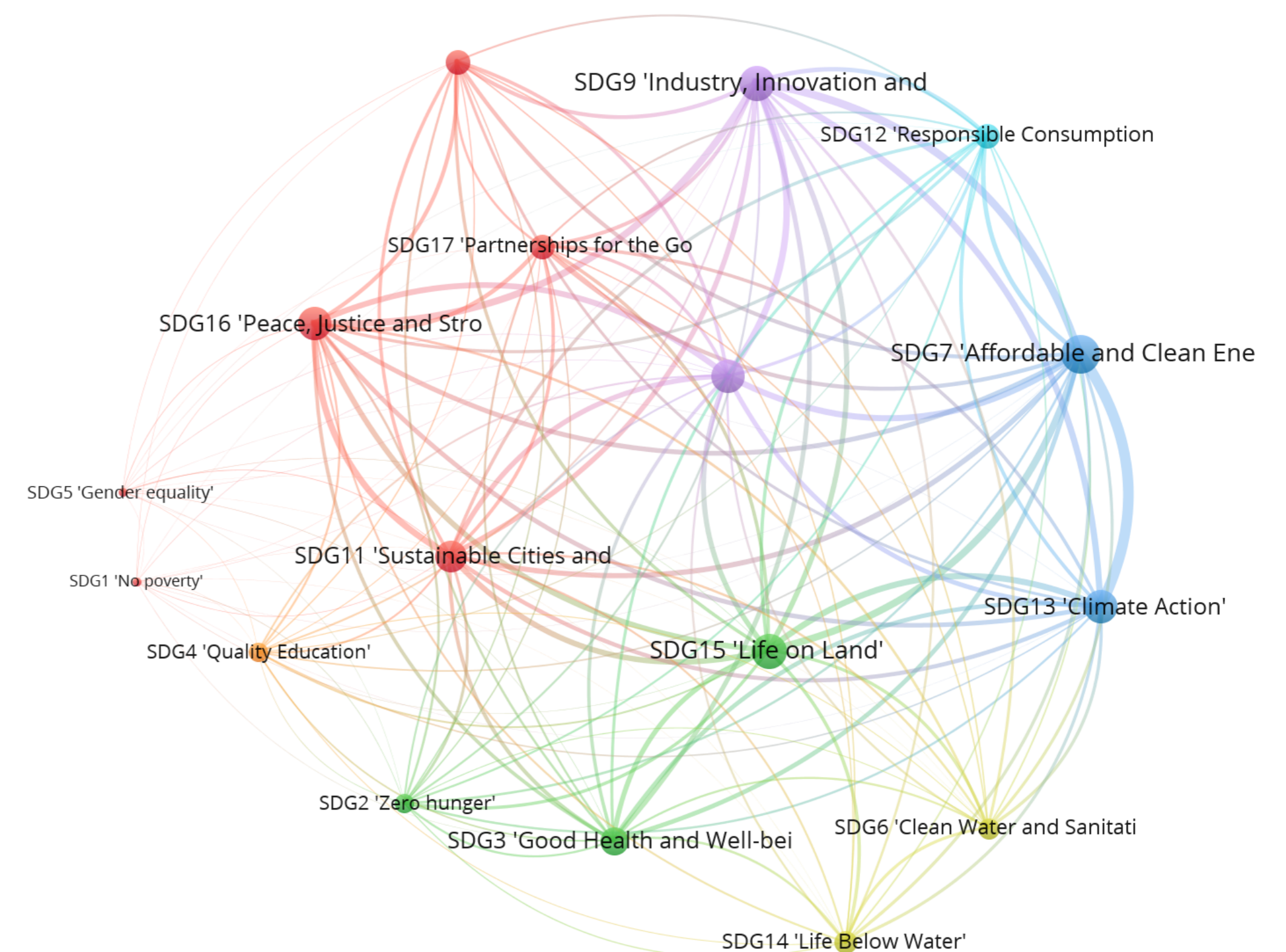
Introduction & Objectives

The concept of sustainability drew attention during the 20th century. Despite unsustainable impacts of human development are linked to ancient times, global concern started in contemporary society. Research on sustainability has been covered and analyzed from different fields, becoming an interdisciplinary field. As a result, one of the main problems is its ambivalence and the difficulty of finding its 'limits' and to delineate and to track the research on this field.

- How this topic can be delineated in research?
- Can other sources (e.g. Science Shop) help in finding the limits?

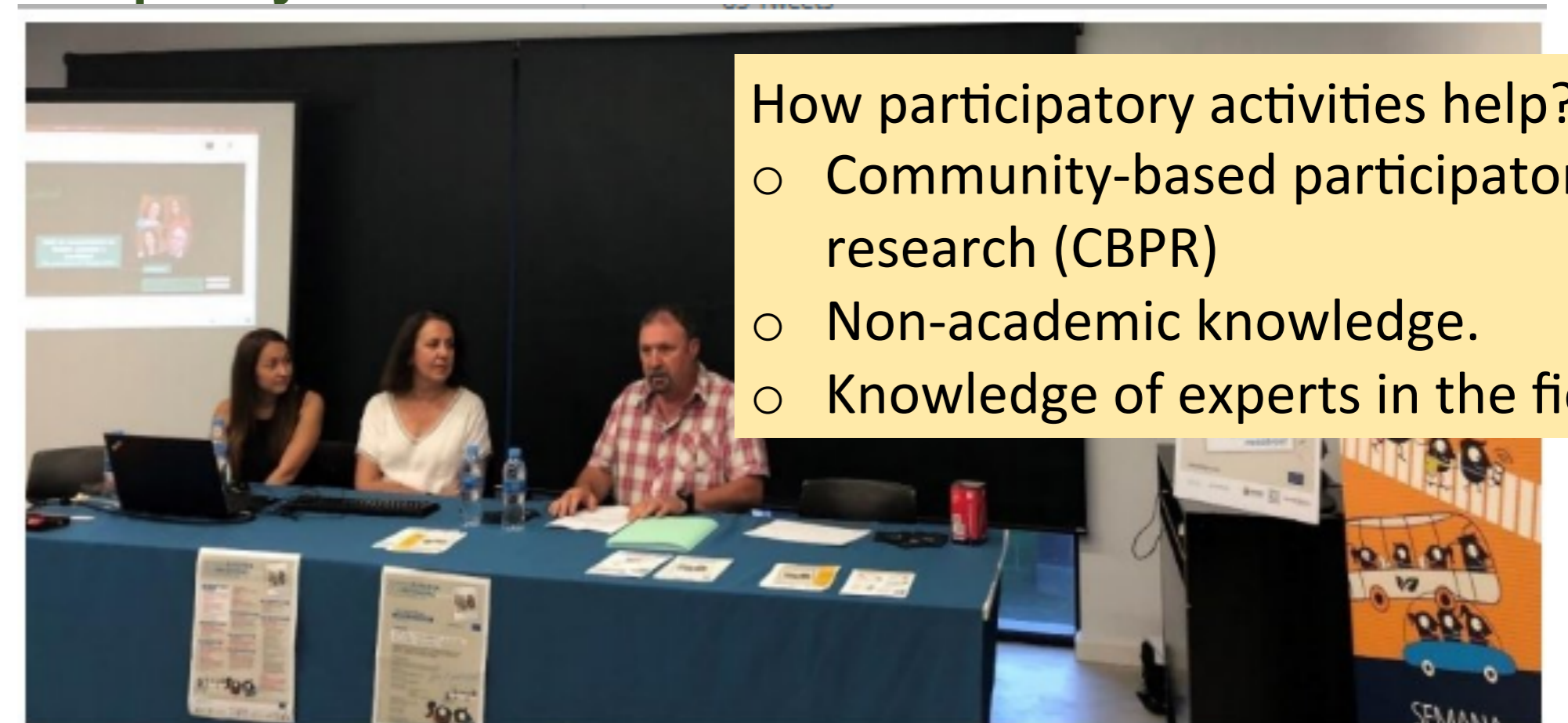
Results

Bibliometric analysis



The sustainability field has been delineated and linked with the Sustainable Development Goals (SDGs). Co-occurrence map of SDGs of sustainability dataset based on a glossary.

Participatory research overview



- How participatory activities help?
- Community-based participatory research (CBPR)
 - Non-academic knowledge.
 - Knowledge of experts in the field.



Knowledge café event about pollution and mobility in Getafe. These participatory activities helped to identify problems related to the topic.

Methodology

Bibliometric approach

WoS Category (environmental sustainability)

Validation:

- Authors
- Topics
- Journals

Sustainability research

Open science

Core+expansión based on CWTS map of science (social and economic sustainability)

INAECU-UC3M Science shop

Participatory/citizen science approach

INAECU-UC3M Science Shop is a University-based organization recently created under the SciShops.eu framework project that aims to identify problems/concerns from society, transform it into a research question and solve co-together with the different societal actors. Its expertise is in **sustainability**.

Conclusions

- Sustainability interdisciplinary field has been delimited by using bibliometric techniques. The three main pillars (triple bottom line- TBL) have been identified.
- Different data sources have been proved good insights and valid to delineate a field.
- The different events carried into the UC3M-INAECU science shop has helped to interpret the content.
- It is intended to use the research output in the research process framework of the science shop.