Towards environmental inclusion: Fostering inclusive mobility behaviors through IoT

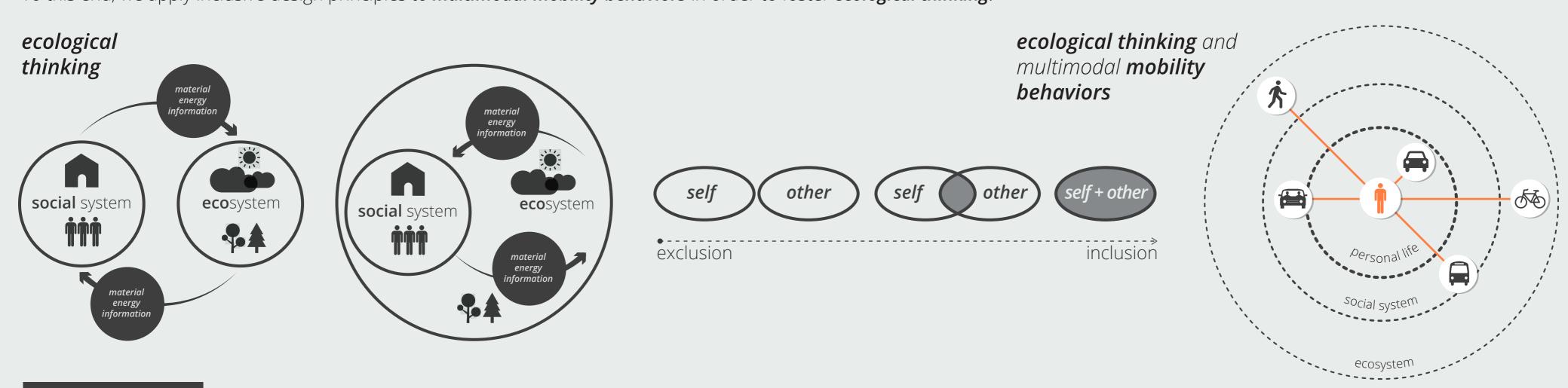
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area of focus:

Broadly in psychology the term 'connectedness' describes the extent to which individuals consider themselves parts of the universe and is defined as the extent individuals cognitively include natural ecosystems in their representation of selves.

As an individual or group's level of connectedness directly affects their level of sustainable behavior, in this project we intend to broaden the principles of inclusive design to include the social and especially environmental aspects.

To this end, we apply inclusive design principles to multimodal mobility behaviors in order to foster ecological thinking.



methodology:

Online Survey:

A survey has been conducted online since April 22nd 2015, among people who are living in Piedmont region, which is the largest Italian region situated in northwest of Italy.

The objective of this survey is evaluating and analyzing the level of ecological thinking and sustainable behaviors among people in order to design appropriate product and services, which would help to change, foster or maintain a certain behavior.









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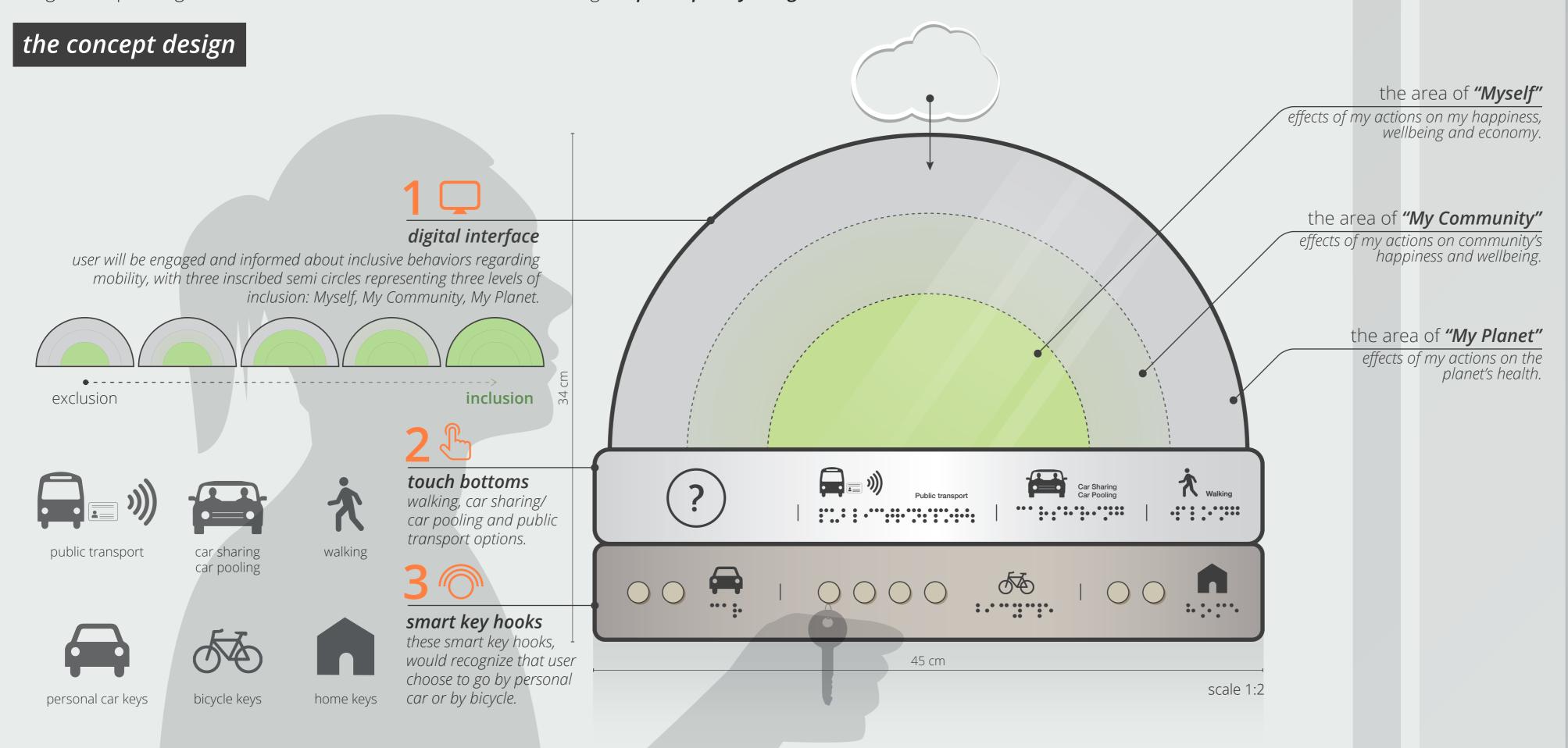
modes of transportation.

social networks.

A smart service/product that would be able to recognize my mobility behaviors and give me some tips in order to having less negative impact on the environment

Participatory Design Tool:

For validation purposes and to discover other factors which may influence user's decisions and might not been expressed in the online survey, we have designed a specific generative tool, which will be demonstrated during the *participatory design session*.



story board

