EVALUATE A CYCLE-ATTRACTIVE CITY (DESIGN)

WHY SHOULD THIS EVALUATION BE USED?

More and more cities in the world are focussing on implementing a (re) new(ed) bicycle infrastructure. The bicycle infrastructure is often envisioned to make the city more attractive for the people (again), however a lot of the criteria to design for the bicycle infrastructure are left vague and (too) open for interpretation as 'attractiveness' is something personal. Because of this lack of definition the space for the cyclist is able to get compromised for other functions. This study shows that the further definition (per type of cyclist) of spatial design criteria for cycle-attractiveness could become a more elaborated evaluation tool for design choices when putting the priority for the space on cyclists per type and in different scales within the city.

WHAT IS BEING EVALUATED?

It is evaluated whether a proposal or implemented situation fits within a larger vision and relates through different scales while facilitating for different types of cyclists. The evaluation is done by focussing on the spatial criteria for cycle-attractiveness and directs towards a dynamic process where visions are constantly reflected within the implemented situation. The spatial criteria show that each type of cyclist prefers or are envisioned to use the space differently than other types of cyclists and therefore allows a more direct and fitting goal in specific areas of the city depending on its own characteristics in the current context or future development.

The cyclists are defined into three maingroups:

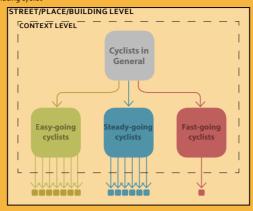
□ - CYCLISTS IN GENERAL

- CYCLISTS PER CATEGORY (defined by their general mentality):

 Easy-going cyclists: Seeing cycling as 'fun', taking their time, looking around to experience.

 Steady-going cyclists: Seeing cycling as 'practical', being on time, looking towards their goal.
- Fast-going cyclists: Seeing cycling as 'sport', taking their time, looking around to experience & towards their goal.
- CYCLISTS PERTYPE (defined by their general goal or 'insecurity / limitation'):

 Child-, Elderly-, Tourist-, Trip-, Shopping-, Attraction visiting- and Daily activityWeekly activity-, Occassional activity-, Student-, Commuting-, Working- and Visiting-



FOR WHO IS THIS EVALUATIONTOOL?

implemented situation and evaluating a proposal of a design.

Important involved (representative) stakeholders could be the Government, Municipality, (public) bicycle association, (private) bicycle company or nonbicycle related associations (retail, residents, other traffic-users, etc.)

HOW CAN THIS EVALUATIONTOOL BE USED?

The usage of this evaluation tool allows a very flexible interpretation. The figures below show seven steps that should be taken by the designer or evaluator, however it does not matter amongst which of these steps is starter as long as all steps are looked at for a complete overview through all scales and perspectives. Each step advices to look at specific points and criteria. All spatial criteria which should be elaborated on can be found on the other side of this folder. The criteria point out a larger goal on which specific interventions can be reflected.

For this evaluation tool to work as properly and strong as possible the following relations are important to be defined in every process:

- the interaction between the context and location scale
- the (co)relation between the spatial criteria amongst each other

WHAT ARE THE LIMITATIONS OF THIS EVALUATIONTOOL?

This evaluationtool can be used from two perspectives: evaluating an lt is to be noted that other criteria considering the climate, identity and management have an influence on the spatial criteria on all scales, however these effects have not been further looked at in this study.

> This tool does not direct to specific interventions but it evaluates the larger goals of them. It is still up to the designer or planner to interprete the criteria and find suitable interventions to achieve them.

> The spatial criteria in this tool focus on citystreets. Although most of the criteria can be used in a more residential- as well as in a more regional perspective this tool does not specify them. Because of the focus on citystreets the input of the fast-going cyclists in the city can be questioned since a network for these cyclists should be considered outside/bordering the city as they require more space and speed a city (in general) cannot facilitate.

THINGS TO KEEP IN MIND...

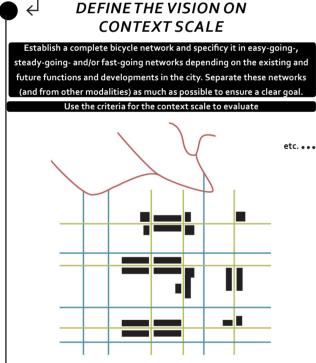
Planning a bicycle-network in the city is a dynamic process and should nstantly be reviewed through the relation between each scale. ions will be less effective if they are taken outside of their context. That is why it is important to always go through all steps. It is important to show the positive effects of investing into a bicycle etwork to other (indirect) stakeholders in order to have as many agree and

The general question to ask: do the interventions add to achieving the larger vision of cycle-attractiveness? And how do the interventions affect

FINAL GOAL

This tool ensures the facilitating of space for all types of cyclists on different scales in the city, altogether the networks should form a complete network for eveyerone to use. A specific design/evaluation goal is formulated to ensure the attractiveness of a route/place and directs to achieving this goal.





SET (DEVELOPMENT) PRIORITIES

