

commune

THE FIRST STEP OF COMMUNE – A DISTRIBUTED OWNERSHIP MODEL FOR URBAN TRANSPORT INFRASTRUCTURES.

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Designer Arthur Röing Baer announces the First Step of Commune, a distributed ownership model for urban transport infrastructures.

Röing Baer's graduation project "Commune" at the Sandberg Institute in Amsterdam in the field of Design provides the base for the present model that will be reviewed and discussed before the publication of the technical whitepaper in 2017.

Commune is a logistical network where ownership-shares are distributed to active users via mutually validated location data – their shared movement. This transfer of ownership is validated by using the previously spent energy, associated with the communally shared movement being used, as proof of value.

Distribution of governance and capital to drivers as well as passengers, provides agency and mitigates individual risk. Through this, a partial solution to three critical problem areas is offered: the exploitation of drivers, the replacement of public transport, and automation as exclusion from intervention.

"'Commune' is all about generating new ideas and envisioning a future where logistical networks serve the public interest first," says Röing Baer. "It is critical to understand that the rules of our shared movement in the future are being written in the present. We need work on new economic models for access, capital distribution, and governance in our logistical infrastructures, otherwise we run the risk of being excluded from defining them."

Rather than the idea of a predefined grid for movement, "Commune" proposes a space that is fully transparent and allows the users to define it themselves. This proposal accepts the messy reality of the city and the space it wants to inhabit. Above all, it proposes an infrastructure where value is distributed to the people that contribute to it and take advantage of it by – and through – their shared movement.

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