

CLEAR - ModelMe3D Co-Design Tool for New European Bauhaus Project

Lead partner

ModelMe3D B.V. – Amsterdam, Netherlands

Interactive modeling platform, utilizing data driven decision making to improve city development.

Contact person

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Project description

CLEAR is a citizen engagement tool for co-design and planning of public space offering real-life transition experiments in urban streets in combination with alternative mobility concepts. As an output from CLEAR, the company ModelMe3D developed a "Co-Design" online tool. It creates key insights for our city partners to reimagine the future of urban planning based on an easy-to-use digital co-creation platform that encourages greater citizen engagement in the design process. Starting in a real-world location (to be defined by cities), a co-creation platform will be digitally tested with actual stakeholders made up of residents, local business and many other interest groups.



CLEAR object library and co-creation toolkits

Funded by the
European Union



Timeline, milestones, and deliverables

Timeline:

4 months (01.09.2021 – 31.12.2021)

Milestones:

1. City Partner's Digital Twin compatibility with our platform (if available), research & development features & functionality and system architecture and workflows (September).
2. 3D modeling of Design Toolkit Model & of UX/UI ¹ wireframing and mockups (October).
3. Front end & backend development and usability tests. Stakeholder engagement (November)
4. Field test group tests and final report (December).

Deliverables:

- **Co-Design Tool POC:** the design and prototype of a drag-n-drop tool that allow stakeholders and local residents to collaboration on the City Partner's project area (to be defined by city partners).
- **3D Object Library:** design, modeling and rendering of a custom 3D library based on Toolkit objects for example Healthy Environment, Future-Proof Mobility, Adaptability, Social & Physical Safety (object library can be changed).
- **3D Project Canvas:** A dedicated ModelMe3D URL that can be shared with stakeholders and the public to learn, navigate, design, and share their design solutions via automatic email forwarding.
- Management Sessions with city partner (to plan).
- 1 workshop with Project Stakeholders (to define and plan).
- 1 UX/UI workshop with field test group (to define and plan).
- Final Report: findings, insights, and recommendations from UX/UI workshop.

Requirements to cities

1. The city should have a planned or running project of physical public realm improvement to deploy the citizen engagement tool.
2. A digital twin or CAD data for the agreed spatial area, if available.

¹ UX/UI: User Experience/ User Interface



3. The city will take responsibility for the engagement and any workshops with local stakeholders e.g., citizens.
4. ModelMe3D will provide maintenance and data storage services for an annual subscription fee after finishing the tool.

Further links and information

[MM3D Promo video](#)

