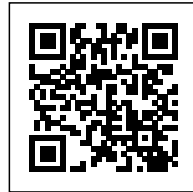




CULTURE URBAINE: CO-HABITATION OF THE URBAN AND THE NATURAL

Posted on August 14, 2019 by martabuges



Categories: [Civic Architects](#), [Designing Matter](#), [Energy and sustainability](#), [Low Density](#), [Project](#), [The Cloud Collective](#)

Tags: [Co-Habitation](#), [CO2 emissions](#), [Designing Matter](#), [Energy production](#), [Environment](#), [Geneva](#), [Green](#), [Infrastructure](#), [Natural materials](#), [Project](#), [Solar Energy](#), [Solar radiation](#), [Sustainability](#), [Switzerland](#), [Traffic](#), [Urban environment](#), [Urban space](#)

urbanNext Lexicon

Culture Urbaine: Co-habitation of the Urban and the Natural

<https://urbannext.net/culture-urbaine/>

For the garden festival Genève: Villes et Champs, The Cloud Collective was selected to execute one of the 13 gardens for the summer of 2014. The festival focuses on the co-habitation of the urban and the natural within the context of the urban expansion of Geneva. The site of this installation, a viaduct over a small highway, is particularly violent and quite out-of-tune with the idea of the garden as a peaceful natural haven. Instead, the project focusses on the character of the site and tries to prove that even these locations of highways and car dealers – despite their anonymous and generic character – can play an important role in the production of food and biomass.



A closed system of transparent tubes, clinging onto the viaduct is used for the production of algae,

ISSN : 2575-5374

urbanNext Lexicon

Culture Urbaine: Co-habitation of the Urban and the Natural

<https://urbannext.net/culture-urbaine/>

which grow exclusively on sunlight and CO₂, both abundantly present on the site. These algae can be used to filter air, as combustible biomass or even as raw material for different cosmetic and alimentary products. A steel structure, supporting all the secondary equipment such as pumps, filters and solar panels, functions as a marker for the quickly passing traffic and provides explanations on a more detailed level for pedestrians and cyclists.



ISSN : 2575-5374

urbanNext Lexicon

Culture Urbaine: Co-habitation of the Urban and the Natural
<https://urbannext.net/culture-urbaine/>



The functioning and the placement of this bioreactor signals practices of the future: food production in an urban environment, the conservation of green space and the reinterpretation of existing infrastructures.

ISSN : 2575-5374

urbanNext Lexicon

Culture Urbaine: Co-habitation of the Urban and the Natural

<https://urbannext.net/culture-urbaine/>

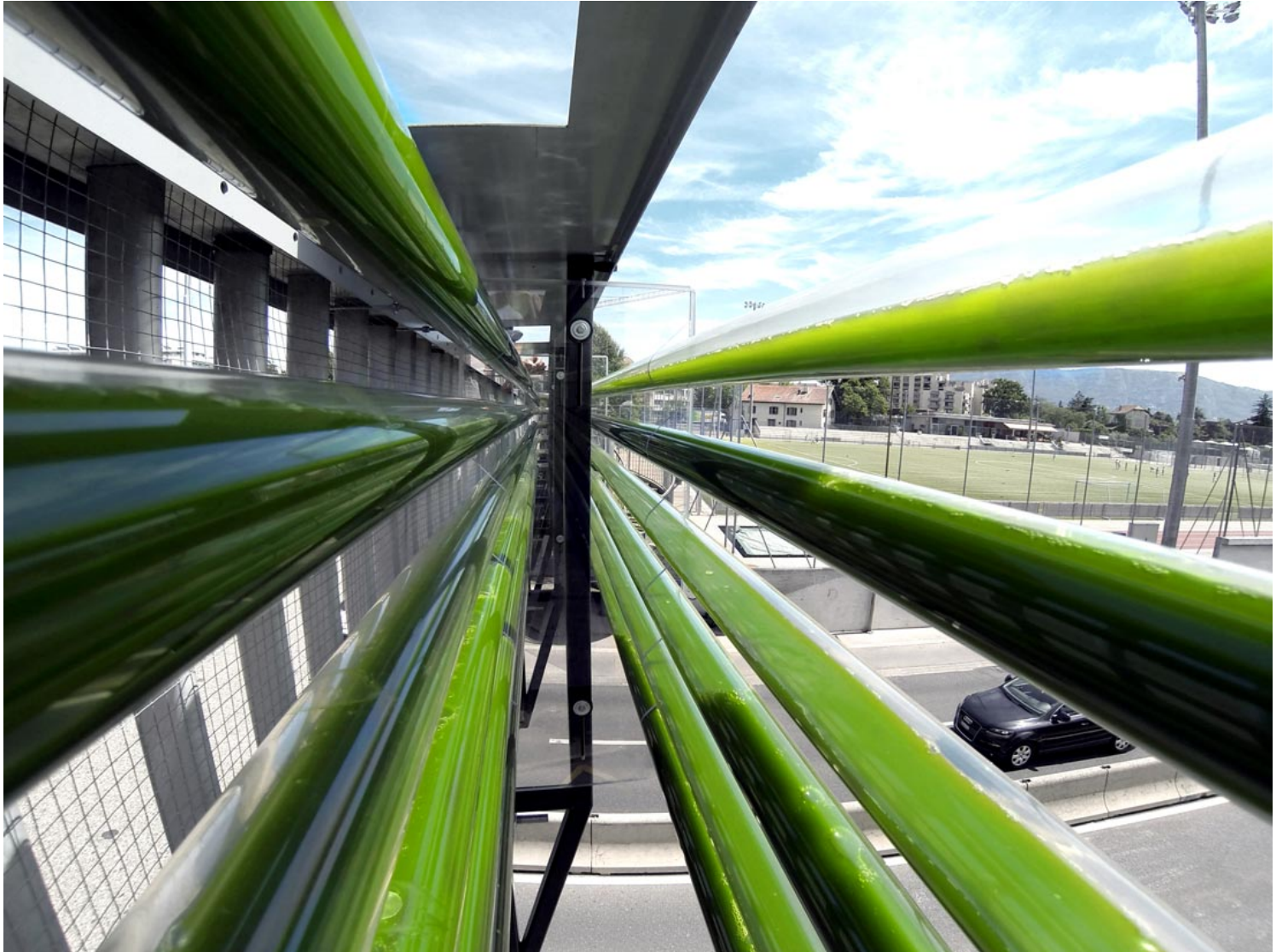


ISSN : 2575-5374

urbanNext Lexicon

Culture Urbaine: Co-habitation of the Urban and the Natural

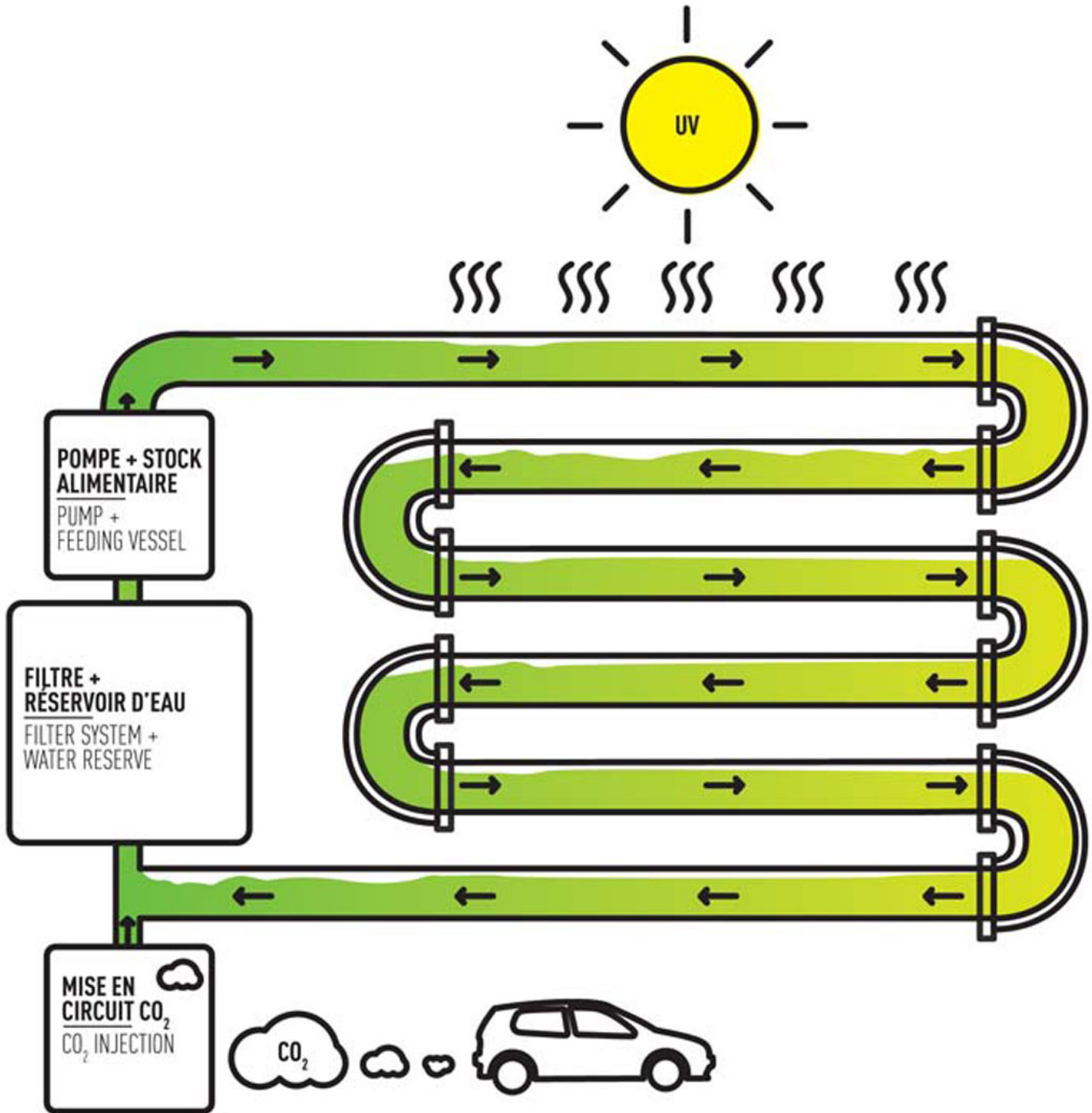
<https://urbannext.net/culture-urbaine/>



ISSN : 2575-5374

urbanNext Lexicon

Culture Urbaine: Co-habitation of the Urban and the Natural
<https://urbannext.net/culture-urbaine/>



ISSN : 2575-5374

urbanNext Lexicon

Culture Urbaine: Co-habitation of the Urban and the Natural
<https://urbannext.net/culture-urbaine/>

ISSN : 2575-5374

urbanNext Lexicon

Culture Urbaine: Co-habitation of the Urban and the Natural
<https://urbannext.net/culture-urbaine/>

ISSN : 2575-5374