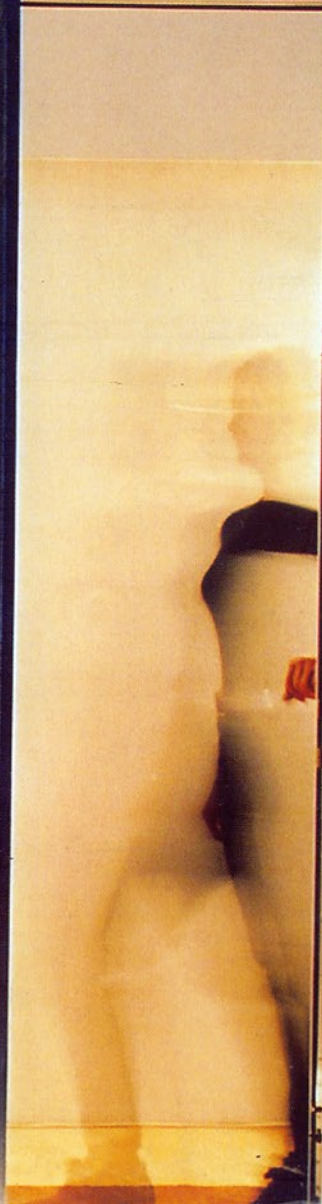


BELGIQUE NOUVELLES ARCHITECTURES
BELGIË NIEUWE BOUWKUNST

**BELGIUM
NEW ARCHITECTURE**





**LAB[au],
laboratory for architecture
and urbanism**

Light_scape(s), displacement maps

Plateau du Heysel
Bruxelles

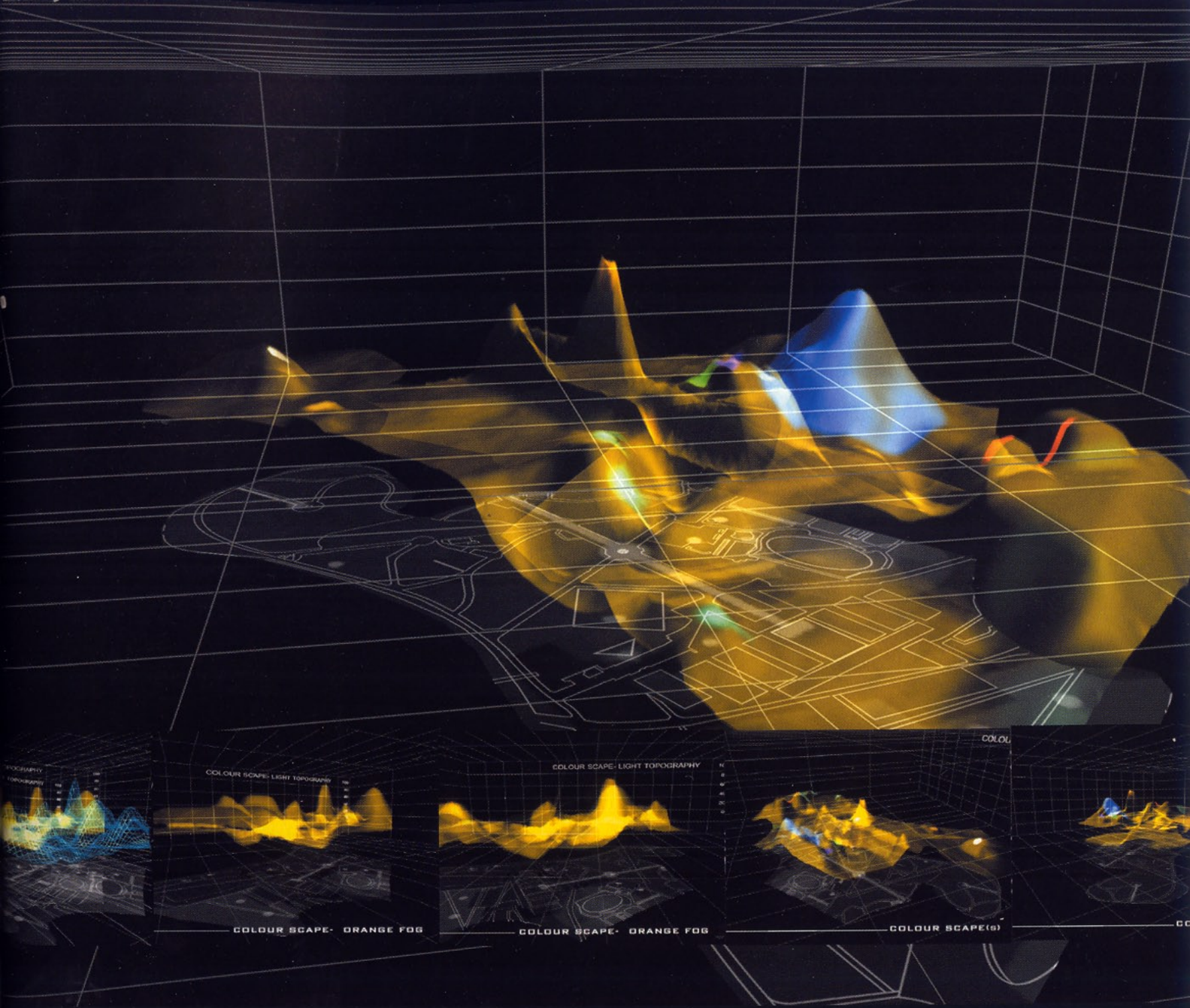
1999

MANUEL ABENDROTH, JEROME
DECOCK + NAHIZA MESTAOUÏ +
KIM PECHEUR + PIETER DESMEDR
JANS
Architects / Architectes / Architecten

ELECTRABEL/SIBELGAZ
Commissioned by / Commanditaire /
Commanditaire

1999 - LA CAMBRE - BRUXELLES
1999 - SAINT-LUCAS - BRUSSELS
Qualified / Diplômés / Gediplomeerd

'TECH-ART PRIZE',
VLAAMS INGENIEURS KAMER 2000
Competition / Competition / Competitie



"Lumière, couleur, rythme, image, sont des bases de données pour un nouveau spectacle, on peut l'appeler jeux électroniques"
 Le Corbusier 1958 in «Le poème électronique», ed. Les Editions de Minuit, 1958.

Light_Scape(s), displacement maps is an urban lighting study for the Heizele plateau in Brussels, investigating light as a structural urban vector (light_topography) but also as a temporal and interactive device (light_urbanism) by means

of a tool specifically developed for light visualization and planning (displacement maps). The relationship of specific light parameters (intensity, colour...) to the relative aspects of urban planning (topography, flux, infrastructure...) and to temporal aspects (programs, activities...) can therefore be determined by the various, evolving light configurations, light-scape(s). These Light_scape(s) are data-driven configurations based on the programming of light in space and in time and constitute a new method of a prag-

matic and operational position of the architect who refuses to fix the structure in a given state. Yet, as well as an operational tool these data driven constructs can even become a dynamic architecture by themselves, an architecture of information according to material and immaterial processes in the construct of space. The architect thus becomes a designer of a generated and initiated architecture - a process, an architecture of in-formation - a metadesign.
<http://www.lab-au.com/lightsc>