

The background of the image is a grid of rectangular window panes, each with a green tint. The panes are arranged in a regular pattern, creating a sense of depth and perspective. In the background, a blurred office scene is visible, showing people in business attire standing and talking. The overall aesthetic is modern and architectural.

BIO FACADES IN ARCHITECTURE

Anouk Legendre

PHOTOSYNTHESIS AT THE HEART OF OUR RESEARCH



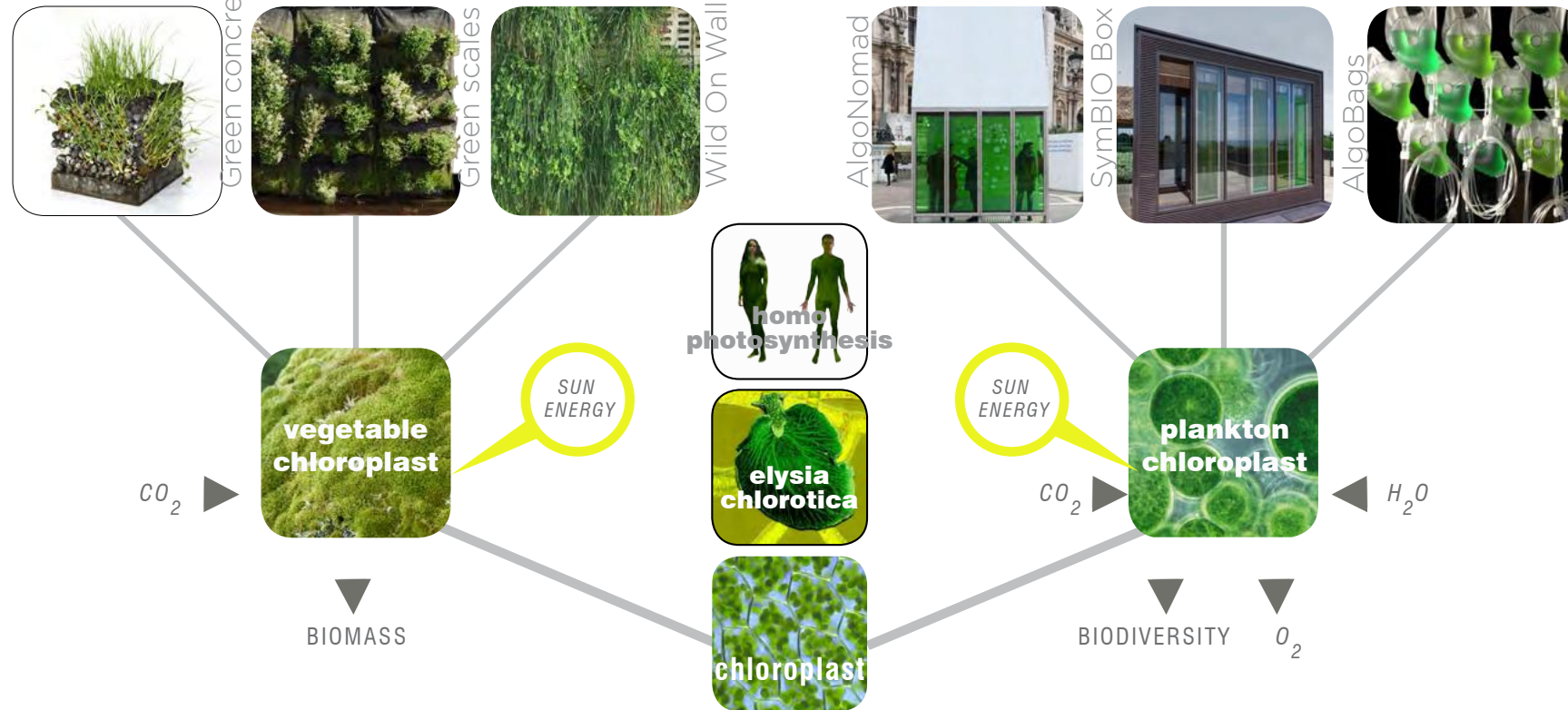
Wild tower



Algae tower

VEGETALES FACADES

ALGAE BIOFACADES



DEPOLLUTING CITY

X_SEA_TY

A cleanup city



It is the idea of a free island, floating, depolluous and autonomous.

The soil is left to nature and to the development of its bio-diversity.

The 'human' life develops in stages, the buildings have envelopes that exploit photosynthesis:

> porous vegetal concrete in which plants that respect the ecosystem develop.

> bio algal facades for the cultivation of micro-algae by recycling CO₂.

Live free with nature

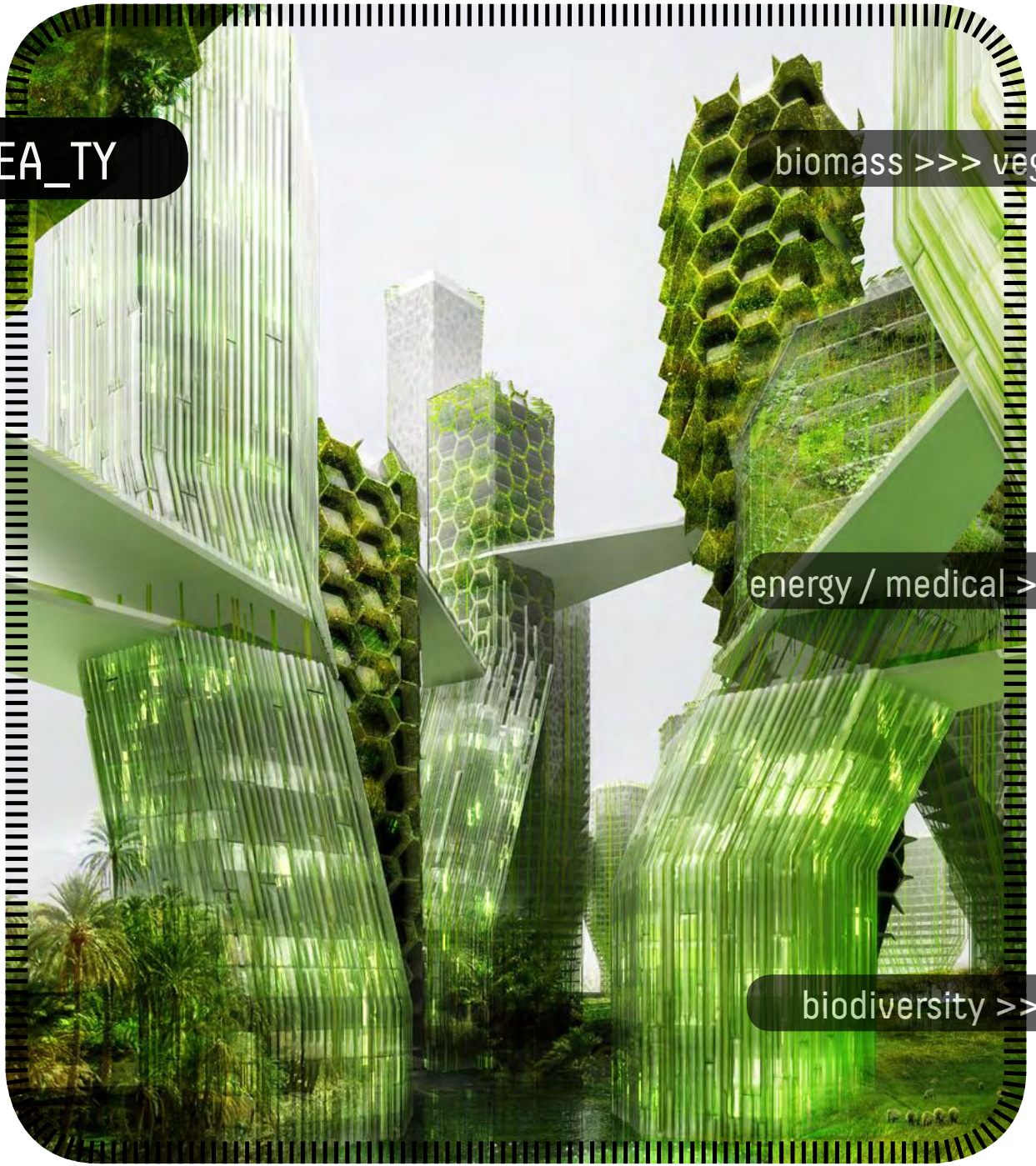
3

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2

X_SEA_TY



biomass >>> vegetal façade

energy / medical >>> biofacade

biodiversity >>> animals



BIOTECH / MICRO ALGAES

BioFacade

2 XTU Patents

Culture of Micro Algae in facade



ELYSIA CHLOROTICA



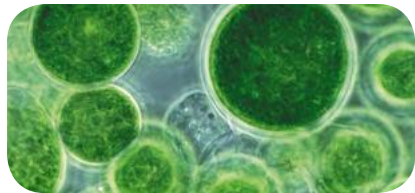
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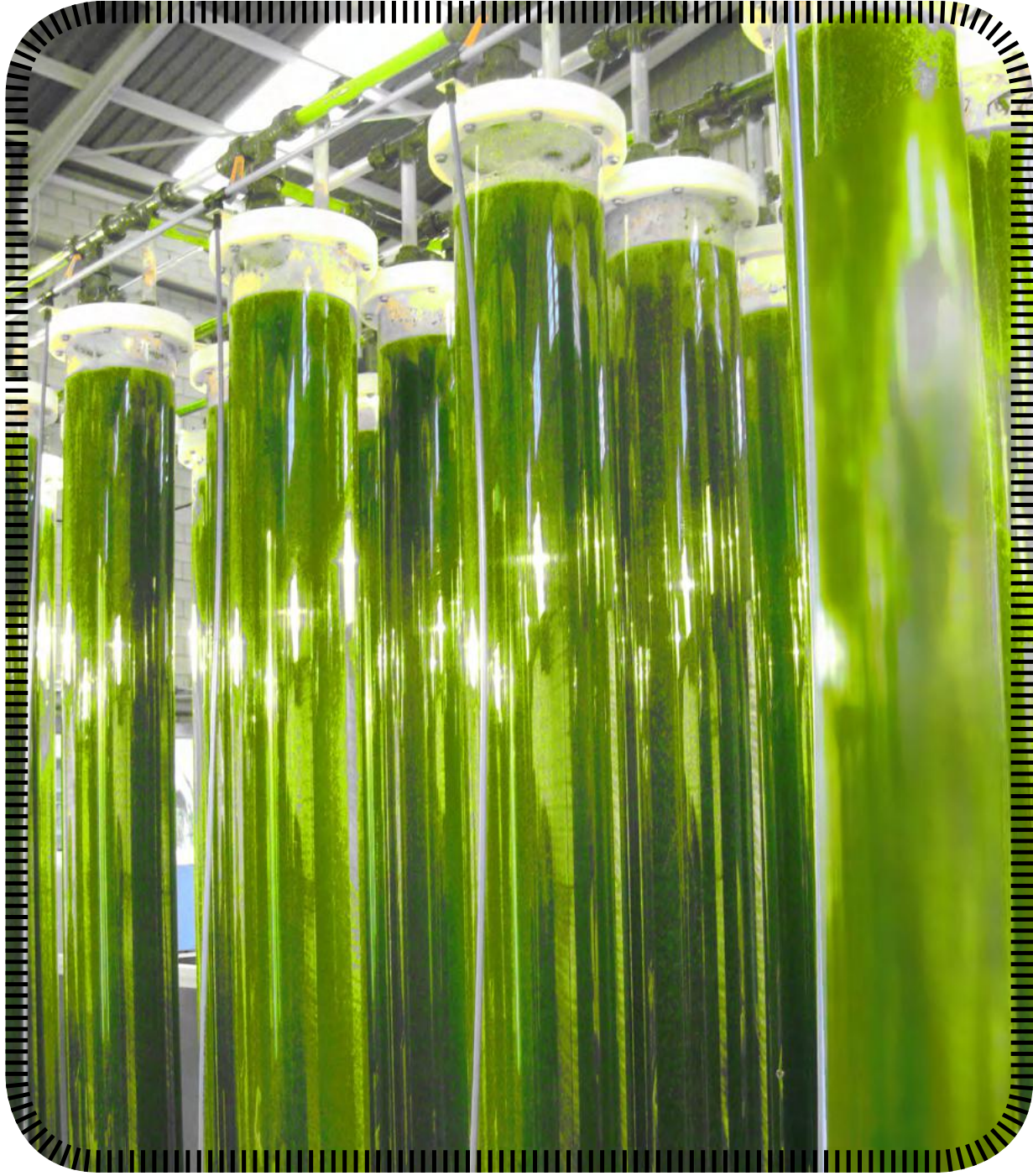


ELYSIA CHLOROTICA

Micro Algae

What are the Micro Algae?





next