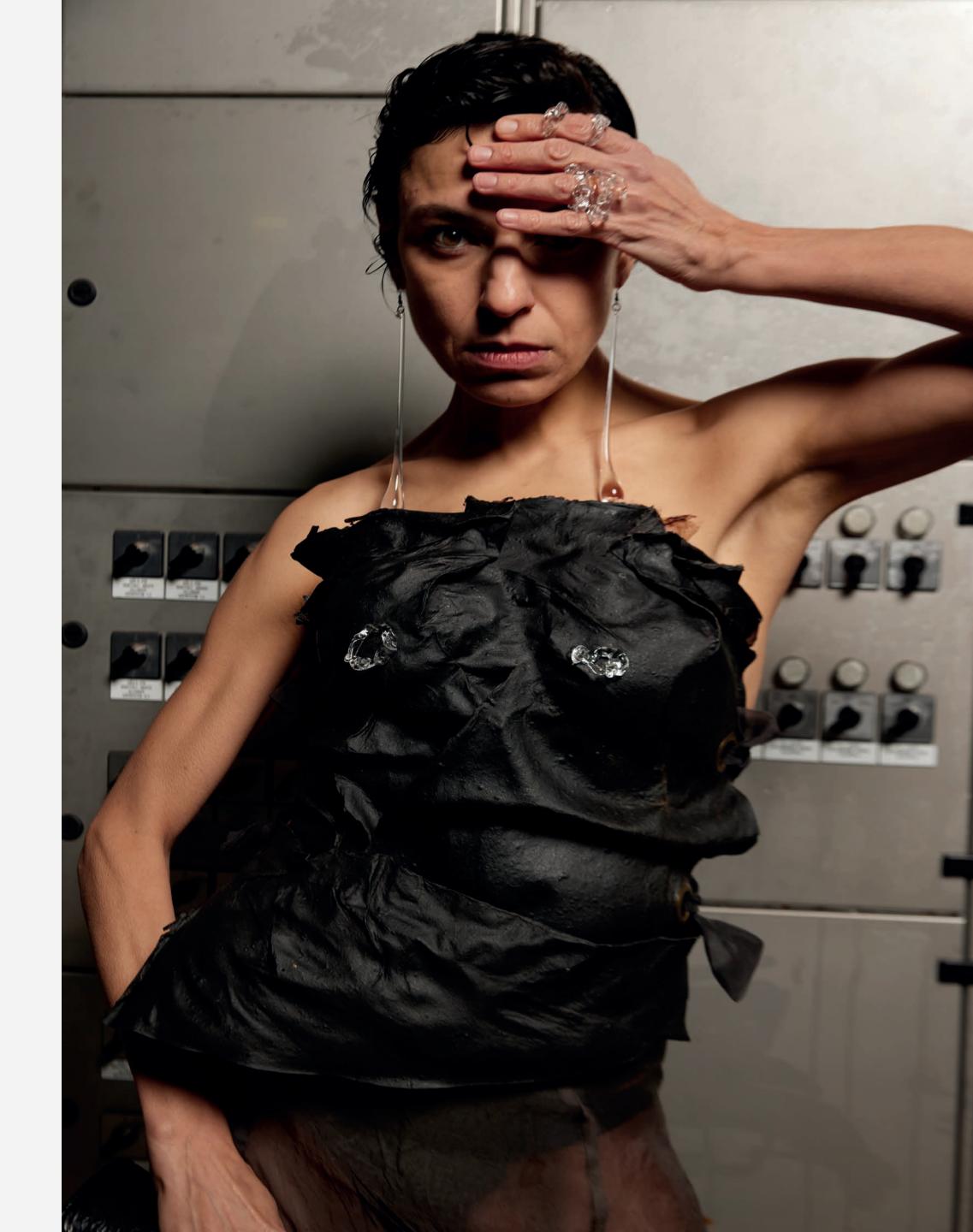


Krista Virtanen

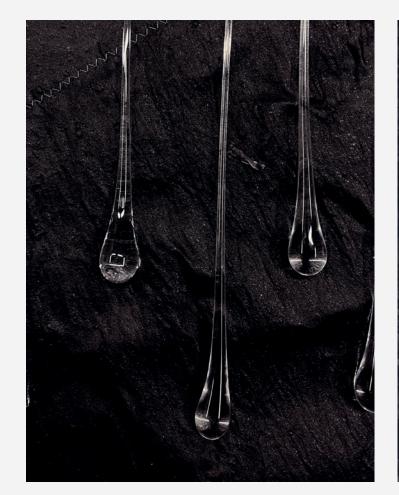
Fashion and textile designer kristavirtanendesign.fi

GREY MARKET -master thesis collection 2025

From laboratory to garment: Developing and applying future bio-based materials through artistic transformation into wearable forms.



Grey Market



Leather made out of egg carton, glyserol and agar.
Dyed with green tea + glass drop

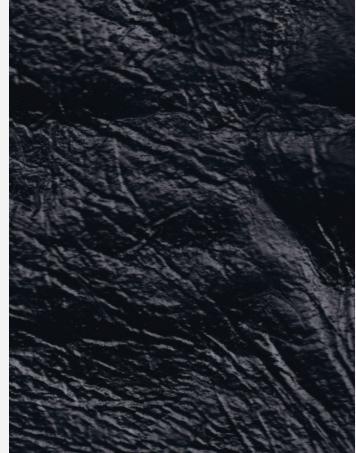


Leather made out of egg carton, glyserol and agar.

Dyed with green tea. Wrinkled by drying



Leather made out of egg carton, glyserol and agar. Dyed with green tea.



Shiny leather made out of own made paper and biofilm (glyserol, pektin, karragen) Dyed with green tea



Paper + biofilm (own made paper + glyserol, pektin, carrageenan)



Paper + biofilm (own made paper + glyserol, pektin, carrageenan) Illustrations with chalk

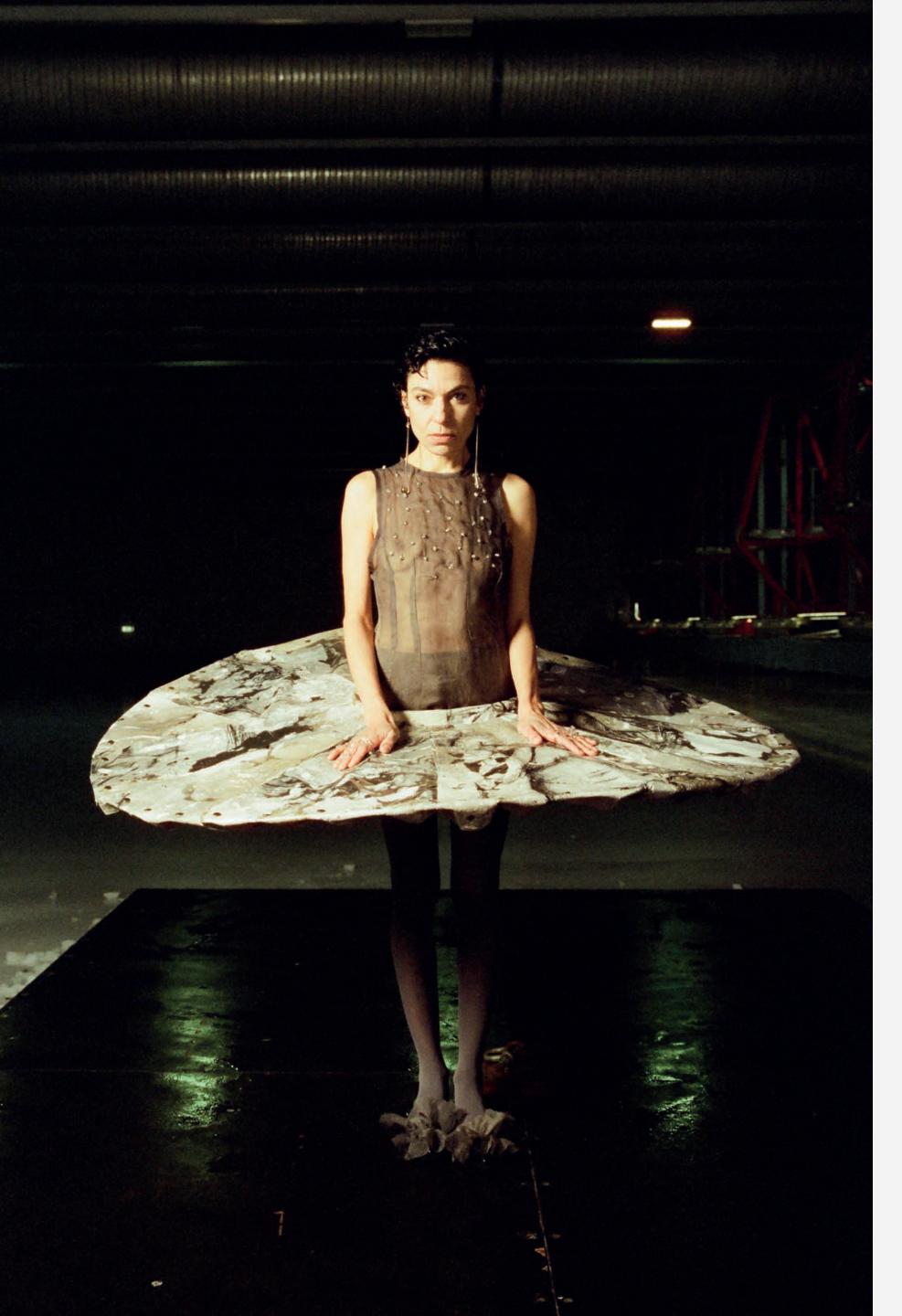


Silk organza dyed with green tea



Knit + biofilm (Recycled yarn, probably silk and glyserol, pektin and carrageenan)

In this project I have developed almost all the "second skin" materials in the laboratory to replace fossil-based materials.



Grey Market







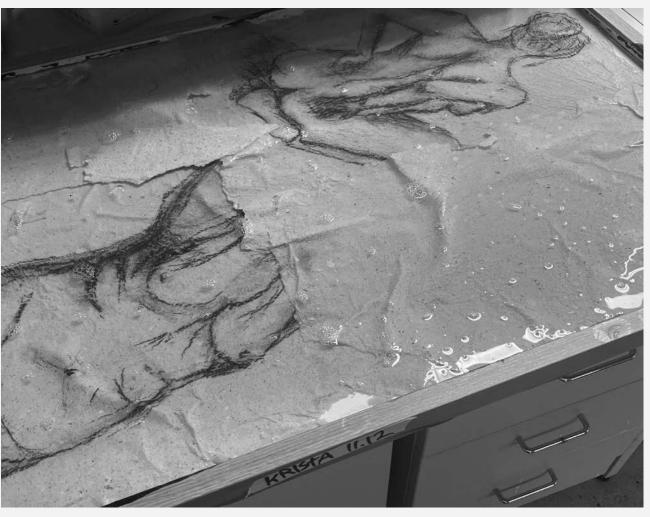


This GREY MARKET graduate collection explores ageing, resilience, decay, and renewal through the lens of womanhood. It draws from lived experiences and the personal stories of older women, blending feminist thinking with the beauty of impermanence. It challenges fashion's obsession with youth, speed, and surface perfection.











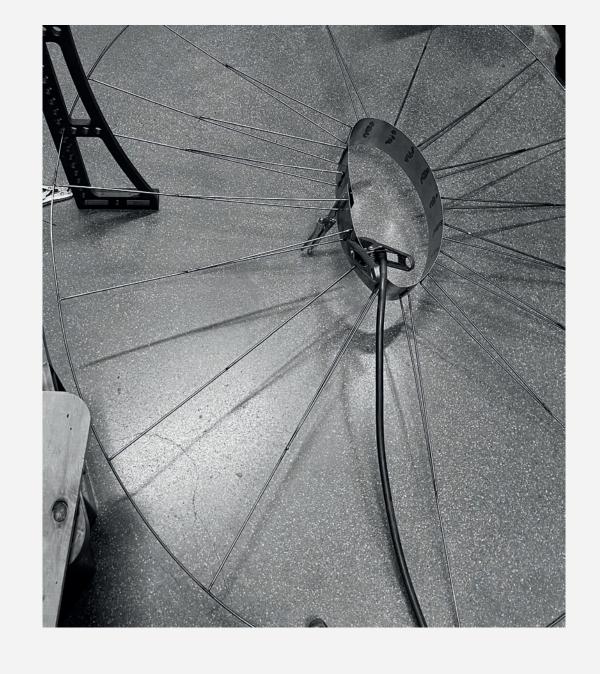
Developing shapes and collection







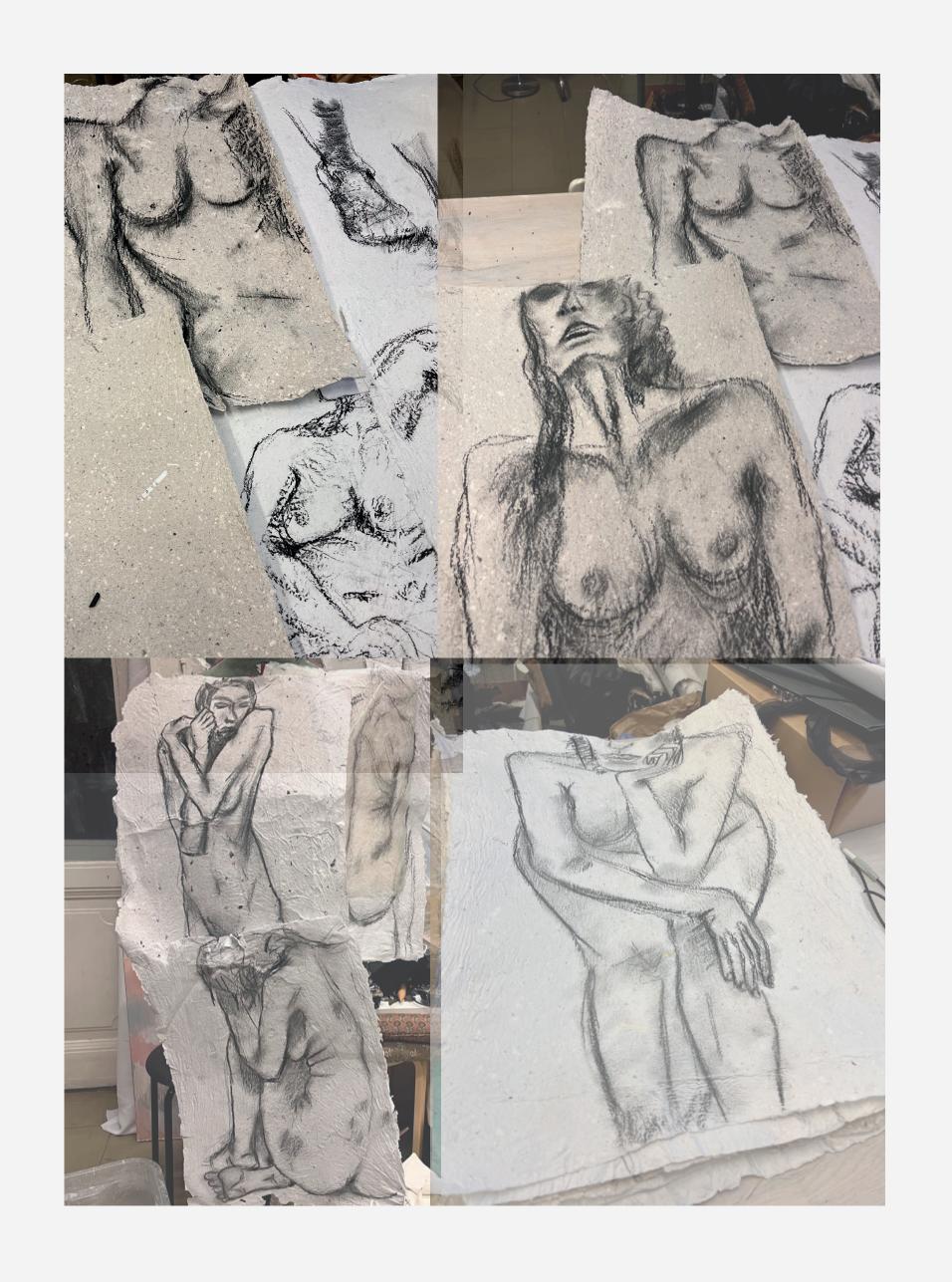






















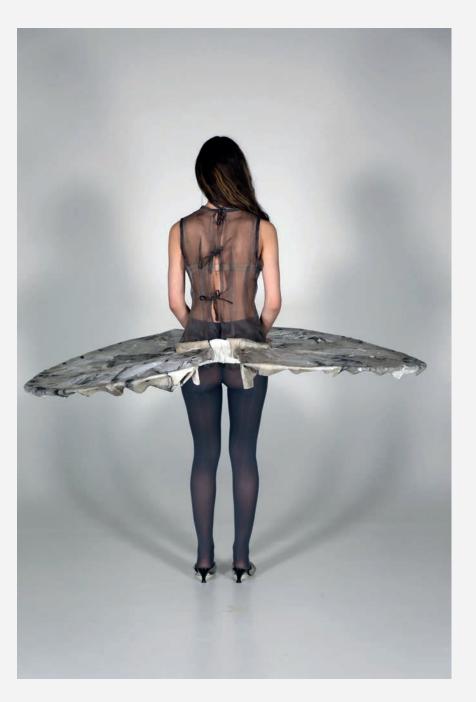


















In the context of a regenerative approach and the biological cycle of the circular economy, the goal is to create systems that restore and enhance natural ecosystems rather than deplete them.

Future/speculative scenario

Biocouture/ Biological model

Garments return
to earth

Renewable materials/
no fossil fuels

chemicals or dyes

No need for toxic

Emotional attachment, co-creation, possibilties sharing receipies, workshops, customisable

Biocouture/ Multidisicplinary network workng with start ups/ innovations, chemists

exhibitions, shows

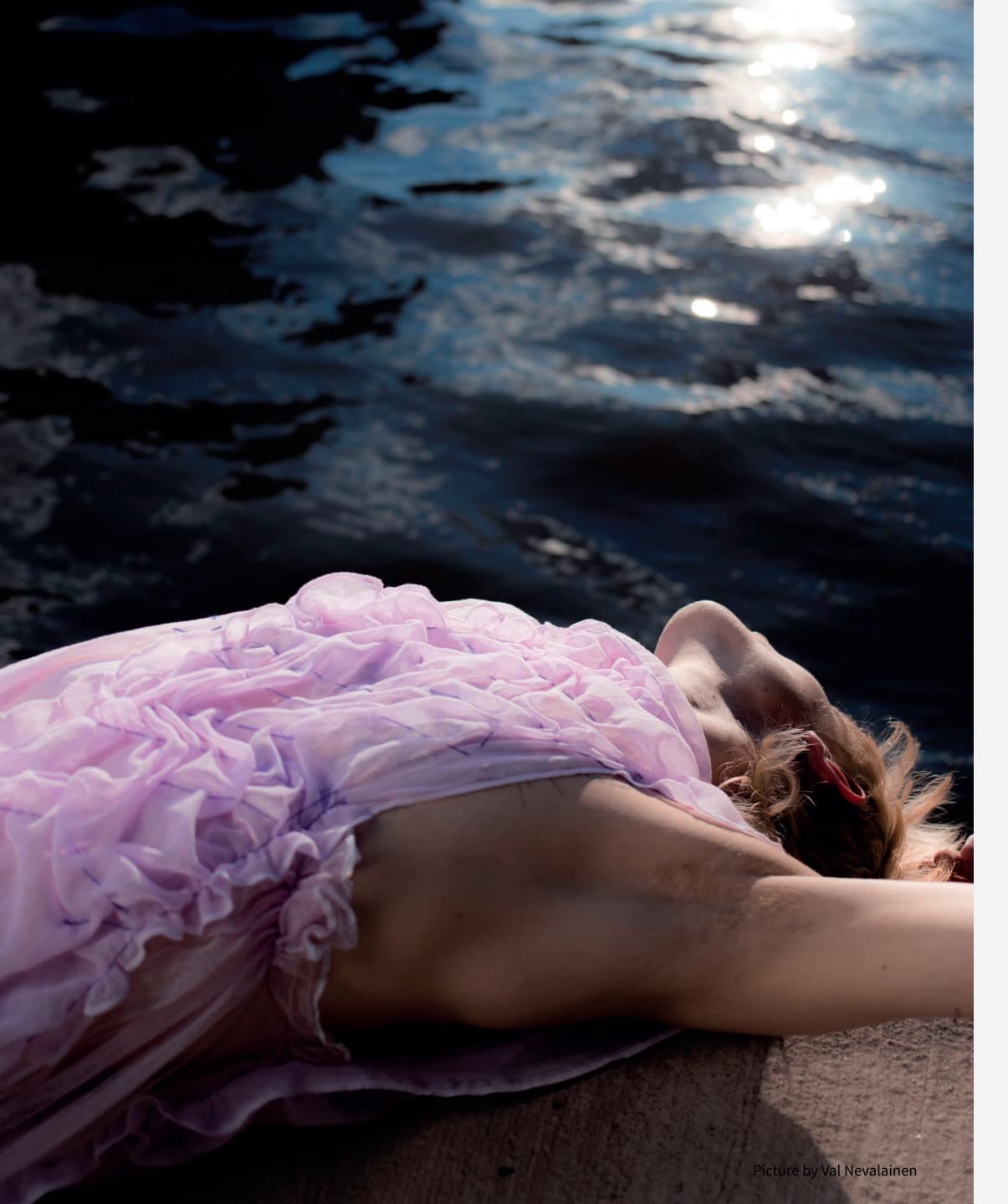
Soil regeneration

Design to change More collective working

Circular fashion
Oppening new possibilities
designers/researchers/chemists

Mindset transformation

CREY MARKET



THANK YOU!

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