

Exhibition – *sustainability days 2022 HN – FB 07* *07.-18.11.2022 HN Campus Krefeld South – Foyer, Building: J*

SDG s in focus with our textile sustainable solutions: (Vgl. UN – 17 SDGs)



Textile Cycle Communication ***– „Textiles as information media as part of the sustainable change“***

Contact persons: Prof. Dr. phil., Dipl.-Des. Marina-Elena Wachs

"Sustainability has been non-negotiable for a long time which is why it is important to pass this way of thinking on to future generations right away", this is the claim with which textile design engineer Wiebke Hüskes approaches the design challenges, for example to create the textile surface of "Water Saver" (coach Prof. Dr. Wachs) with fantastic textile technological performance, using natural materials such as hemp, wool whale and nettle fibre for an innovative woven fabric in the form of a waffle piqué. With attention to one of the most important resources of human existence: water, *Water Saver* addresses one of the most important issues of the present and serves SDGoal No 6.

"In our fast-paced society and the overflow of information, important sustainability issues are often only scratched on the surface" (Hüge,C.). The collection "THE FINAL CALL" (coach: Prof. Ellwanger-Mohr) by textile design engineer Chalin Hüge provokes us to stop and to indirectly function as textile information medium using beeswax cloths made from used jeans and laser patterning. X-rays as well as microscopic images do not only serve the development process; Hüge's "Final Call" focuses on SDGoal 12 and promotes the change to a responsible, thoughtful use of materials and products in everyday life, with respect for nature which is worth being protected.

"Abundance of Light" by Joline Kaumanns means "light abundance" and thus implies differentiated, complementary material properties. The design "S-Polarskin" (coach Prof. Dr. Wachs) is inspired by the country Sweden. Country-specific characteristics such as the natural phenomenon of the polar lights are the main focus of inspiration. An eco-friendly sandwich material is created from recycled paper yarn, wool, and recycled cellophane. The individual parts of the surface interlock not only visually; As a result of greater cultural understanding, SDGoal 17 - "in Partnership for the Goal" - signifies the co-design opportunity created by European, intercultural cooperation to learn from the closeness of nature, natural solutions, and rituals found in other cultures and societies. "S-Polarskin" received the 1st prize of the "Materialica Award 2022" at the e-move 360° trade fair in Berlin.

These textile design solutions, which are explicitly addressing the Sustainable Development Goals of the United Nation, are only a brief part of the exhibition *„Textile Cycle Communication - Textiles as information media as part of the sustainable change“*, which will kick off during the *Sustainability Days 2022* of the Niederrhein University of Applied Sciences, leading to more of this kind in 2023. HN Campus Krefeld South, Building J, Foyer, 7.11.-18.11.2022.

In addition, we would like to draw attention to the online lecture in English on the 10th of November 2022 at 3:30 pm CET, which also focuses on co-designing as well as designing interculturality and interdisciplinary for a sustainable world of tomorrow:

„A question about cross cultural co-designing in textile 5.0 and SDGs No. 9 +17 - not a question of cultural appropriation“ -

Wachs, M.-E., Weber, Ch., Möllers, R., Haddar, O., Lopes, G., Germiyanoglu, B.

Case Studies: Design and Cultural Appropriation

Tunesia, Brasil and Turkey

Coach:

Prof. Dr., Dipl.-Des. Marina-Elena Wachs Hochschule Niederrhein - University of Applied Sciences



Website _QR code später