

Proposal for presentation to ERSCP 2008 Berlin

Topic: II Sustainable Supply Chain Management or III Sustainable Production and Resource Efficiency

Title: Colors of Nature: Cleaner Production in Textile Dyeing and sustainable Consumption of Textiles

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Sustainable clothing should be part of sustainable consumption. How can we talk of sustainable clothing as long as the textiles are dyed with conventional means, with synthetic dyestuff that has a huge impact on environment and human beings? The range of ecological, sustainable, natural clothing is high. But the percentage of natural dyed textiles even within this broad offer is marginal. "Colors of Nature" is on path towards a cleaner production in textile dyeing. The goal of the project is the successful implementation of "vegetable dye" as a product in the textile market. Therefore, has been established as a spin-off of the predecessor projects a vegetable dye producing company. This company will participate in the research project "Colors of Nature" as a cooperation partner. Since the market for sustainable textiles is growing the demand for natural dyestuff will increase, too. The new enterprise will provide the sustainable dyestuff for the sustainable textiles. On the basis of cooperation between all agents in the value chain necessary research issues and optimisation measures will be carried out so that the product can achieve market maturity and the implementation can be developed to an industrial scale.

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RISKMIN: Textilfärbung mit Pflanzenfarben, Konzept zur Risikominimierung beim Einsatz von nachwachsenden Rohstoffen in der Textilfärbung: Pladerer Ch., Wenisch A., Meissner M., Prauhardt N.; Projekt im Rahmen der Programmlinie "Fabrik der Zukunft" - eine Initiative des Bundesministeriums für Verkehr, Innovation und Technologie (BMVIT); Partner: REVAC - Regionaler Entwicklungsverband Auland-Carnuntum, Unternehmensberatung Dr. Thomas Huber und ITT (Institut für Textilchemie und Textilphysik der Universität Innsbruck), Wien 2007

Trade Mark FARB & STOFF Von der Idee zum marktfähigen Handelprodukt: Pflanzenfarben für die Textilindustrie, Projekt im Rahmen der Programmlinie "Fabrik der Zukunft" - eine Initiative des Bundesministeriums für Verkehr, Innovation und Technologie (BMVIT), Rappl, B; Geissler, S.; Ganglberger, E.; Pladerer Ch., Meissner M., Bechtold, T.; Mussak, R.; Wien 2006