

Reduction of emissions at textile finishing lines by environmentally conscious development of formulations and flexibly controlled, modular exhaust air purification

Problem / Motivation

- Current purification concepts do not establish a sufficiently close (real-time) relationship to the applied process parameters and the system technology used
- In particular with regard to future classification, categorisation and risk assessment of certain substance groups/exhaust air constituents, there is no guarantee that emissions can be reduced to a harmless level according to the current state of knowledge



Solution

- Further development of both selected textile auxiliary and finishing formulations
 - Substitution of problematic or emission-causing ingredients with less critical or harmless substances
 - Efficient use of active ingredients, auxiliaries and essential additives
- Modular installation of the necessary exhaust air purification and flexible combination of individual purification technologies
- Improvement and optimisation of the exhaust air purification technologies used

Project Partner

Brückner Textile Technologies GmbH & Co. KG,

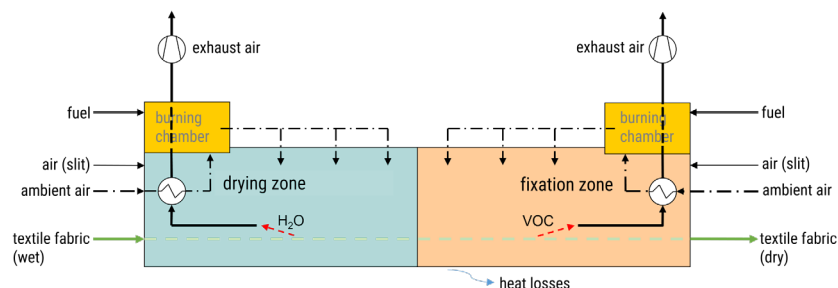
CHT Germany GmbH,

Textilveredlung Drechsel GmbH,

Trans-Textil GmbH

Project Launch

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Scheme of a drying and fixation process for textile finishing/coating (© Bückner)

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