

# Complex Textile Sorting Enabled by Information-Rich Hyperspectral Data and Robust Analytics



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*“The solution enables us to optimize sorting classes within tighter process specifications, resulting in higher-quality recycled fibres”*

Silja Meier, Head of R&D (NTG)

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# 01. THE SITUATION

Profitable and sustainable circular textile recycling depends on automated sorting of complex textile waste streams.

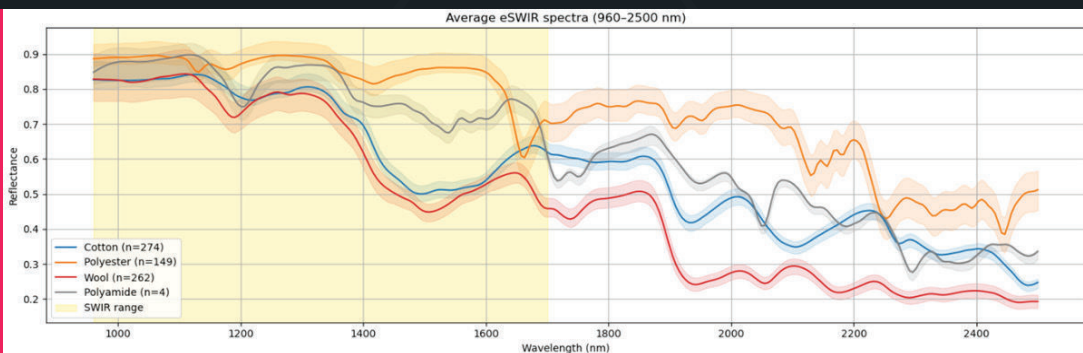
# 02. THE CHALLENGE

Several fibres and blends require extended SWIR (>2500nm) for accurate detection and quantification.

# 03. THE SOLUTION

- ◆ Extended SWIR cameras by HySpex (Norway)
- ◆ Runtime analytics by Prediktera (Sweden)
- ◆ Daily operations and a diverse textile library by NTG (Norway)

The solution is very flexible and can be extended to any number of fibre mixture and colour sorting classes.



For more info,  
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