

The "NanoDefiner" – a practical e-tool to guide industries in the regulatory classification of nanomaterials

Implementation of the NanoDefine project results

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The NanoDefiner pools project results together to design a decision making framework for method selection, data evaluation and size-related classification of particulate materials according to the European Commission's recommendation on a definition of nanomaterial. For this purpose, the NanoDefiner e-tool is being developed to guide the user through the decision making process. The presentation will discuss a tiered decision support flow scheme that has been established within NanoDefine and explain how this is implemented in the e-tool. It will be pointed out how and where specific project results are incorporated in the flow scheme, including method performance characteristics which are quantitatively evaluated for all methods considered in the project, based on experimental project results and general considerations. A method-driven material classification system specifically developed to be used in the decision process will also be introduced. An overview of the current state of the e-tool in development concludes the contribution.