

## **Production of YBCO high temperature superconducting tapes**

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In the project ELSA (Entwicklung innovativer Supraleiter mit Schichtarchitektur für die Energietechnik) then Zenergy, RWTH Aachen, University of Tübingen, FZ Jülich and GTT cooperated on establishing thermochemically well characterised conditions for the production of high-temperature superconductors based on Y-Ba-Cu-O. Short tapes were produced and tested successfully. In the meantime Zenergy has become Deutsche Nano and is now starting to produce long superconducting tapes for the international market. An overview of how the earlier project results have been used in the up-scaling of the tape length will be given.