



Processing and Characterization of Advanced Composites for Resource-Efficient Applications and Technologies

“CREATe-Network”

Report: Deliverable D1.2 - Production of CNT/Ni composites, Process modelling

Deliverable No	Deliverable Name	WP No	Lead Participant Short Name	Nature	Dissemination Level	Delivery Month
D1.2	Production of CNT/Ni composites, Process modelling	1	USAAR	Report	PU	From 3

- CNT-reinforced Ni matrix composites were successfully produced by both, hot uniaxial pressing and spark plasma sintering.
- The process has been modelled by analyzing the influence of the amount and distribution of the reinforcement within the matrix.
- CNT-reinforced zirconia composites have been successfully produced by spark plasma sintering.

Further details are presented in the Deliverable 6.3, Progress Technical report 1.