



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

“CREATE-Network”

Report: Deliverable D1.3 - Production of nD/Ni and OLC/Ni composites, Process modelling

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

- nD-reinforced Ni matrix composites were successfully produced by both, hot uniaxial pressing and spark plasma sintering.
- OLC-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.

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