

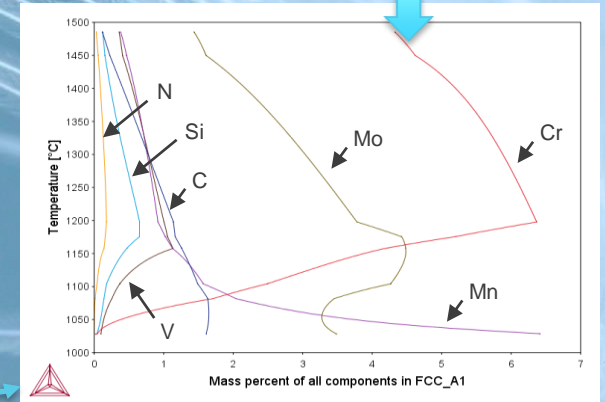
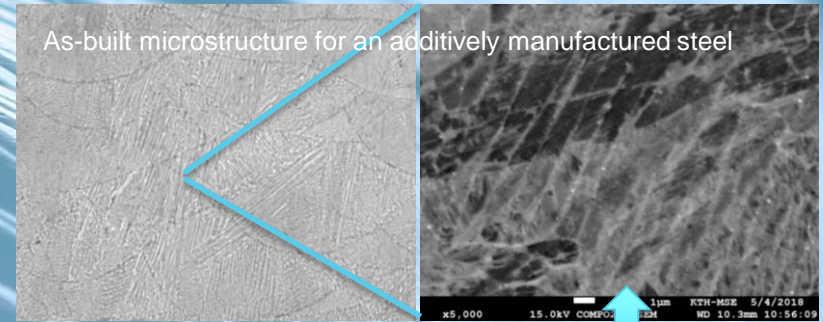
# Powder Based Materials - AM Materials Design

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Duration: 2018-2022  
Funding: VINNOVA+ Industry  
Advisor: Greta Lindwall

## Research Scope:

Study the microstructure evolution during Additive Manufacturing (AM) processes and post heat-treatments via

- Simulations using computational thermodynamics and kinetics
- Experimental materials characterization



Micro-segregation during solidification calculated using computational thermodynamics

# LIGHTer



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Project partners:

Höganäs, Kanthal, SMT PA Powder, Swerea KIMAB, Uddeholm and QuesTek Europe