

# **Process Modelling of Fluid Bed Granulation**

**25-26 April 2017, London**

**Advanced Process Modelling Forum**

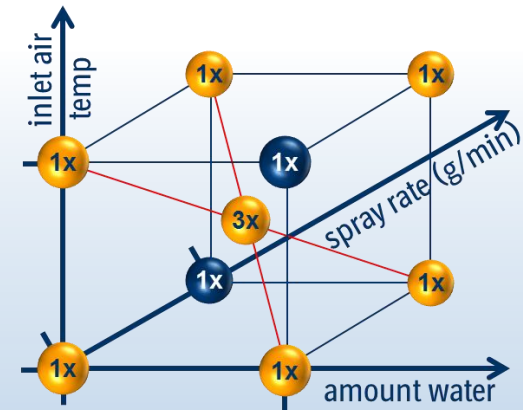
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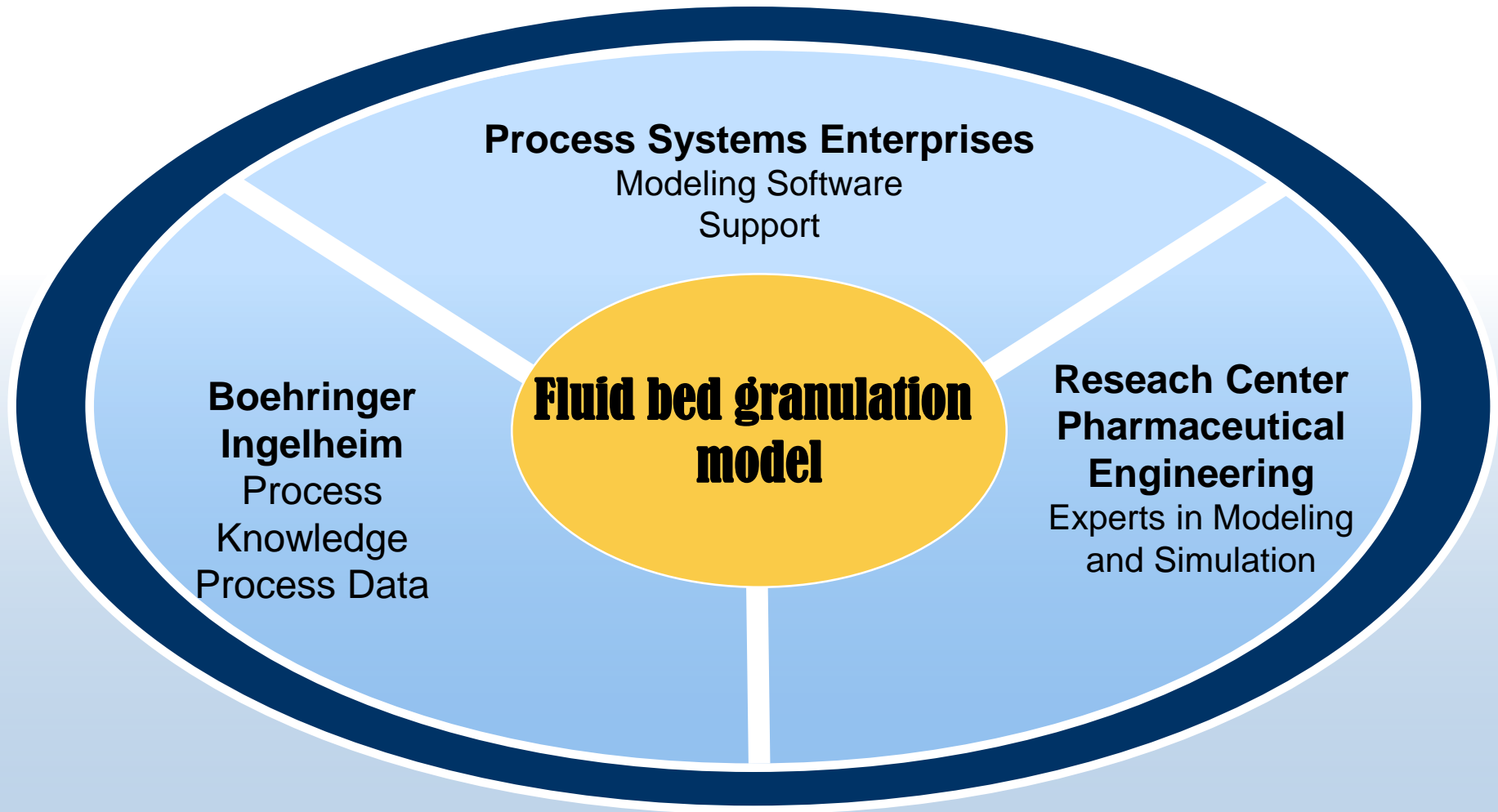
# Opportunities of Process Modelling

- Understand a particular process phenomenon
- Design of optimized standard formulations and manufacturing processes
- Support of scale-up by simulation
- Meeting future expectations of regulatory agencies (Experimental and Simulation, effort increased)

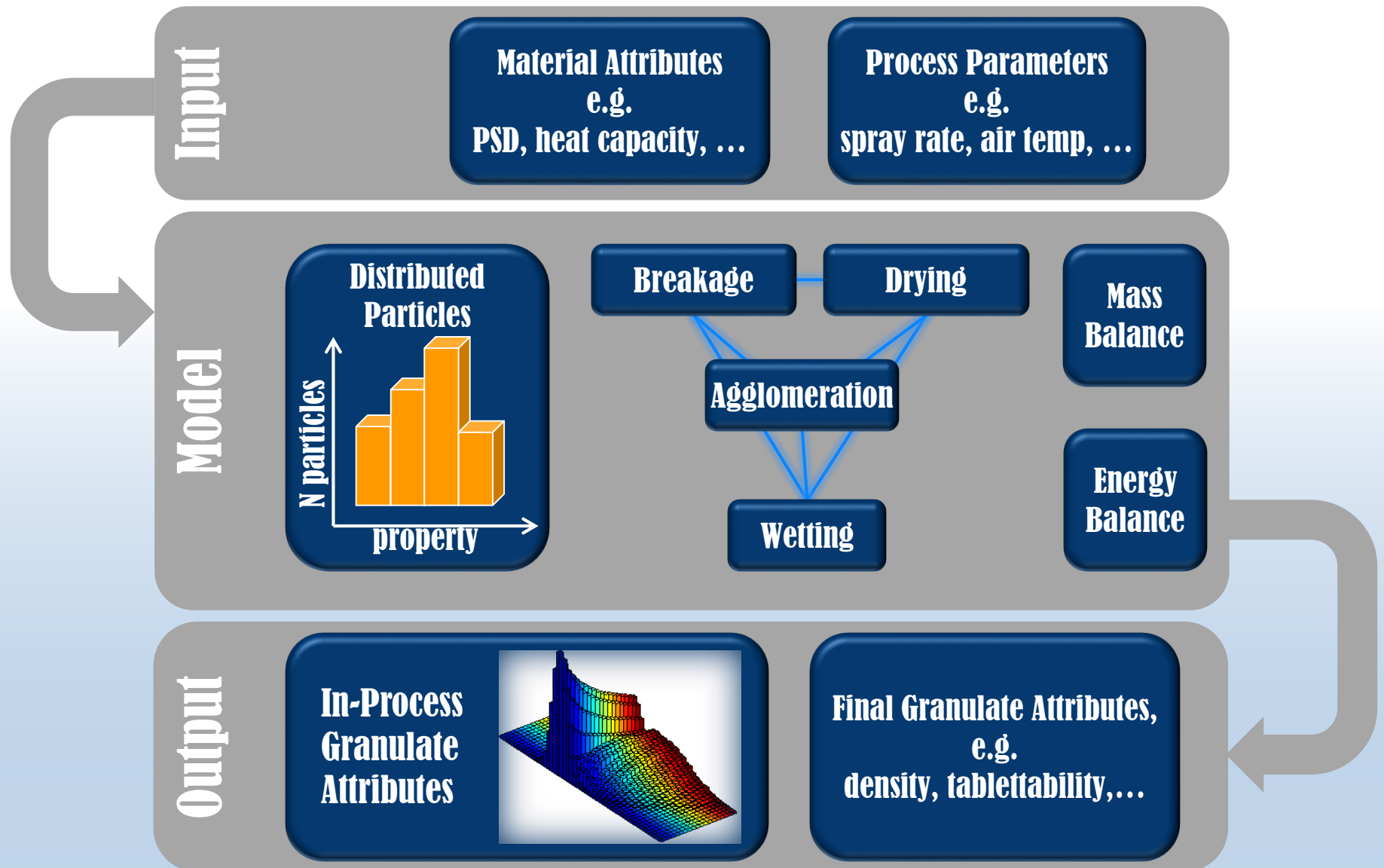


**Predict process outcome based on reduced experimental effort**

# Project Partners



# Model Structure – Fluid Bed Granulation



# Process modelling current and future opportunities

	Dry granulation	Twin screw granulation + drying	Fluid bed granulation
Scope	Applicability of present models of gSolids	Determination of mass flow for continuous processing	Development of a new model
Status	Data collected	Planned	<b>Results</b>