

IFPRI Review Brief  
Fine Particle Coating

The International Fine Particle Research Institute wishes to commission a comprehensive critical literature review on coating of fine particles, i.e. smaller than 100-200 microns. The review should survey traditional and novel coating technologies for fine particles and discuss the interplay between type of coating process, process conditions, and characteristics of the coating such as morphology and transport properties. The review should include a gap analysis of both coating applications and the engineering science of coating.

The scope of the review is limited to particles smaller than ca. 200 microns and to technologies that are or have the potential to be used industrially. We have particular interest in coatings for moisture barriers and adhesion control, although the review should not be limited to this.