Comparative benefits of remote sensing vs. met mast for project development and operations

DATA	
Remote sensing	Met mast
Gathers hub-height information efficiently from multiple sites and locations within those sites, without financial and practical constraints limiting the amount of data that can be gathered	Accepted standard of bankable data for wind measurement campaigns
Provides accurate wind speed and wind direction data at heights of up to 200m	Minimal data interference from environmental factors such as atmospheric absorption
Eliminates dependence on extrapolated wind flow models and the uncertainty they introduce	
Reduces overall time required to assess sites for suitability	

EASE OF USE	
Remote sensing	Met mast
Easy to deploy and transport across and between sites	Familiar technology and established best practices for maintenance
Limited setup/construction requirements, can be up and running within a few hours	
Robust and operational in extreme weather, can be easily stored to avoid more severe conditions	
Deployable in remote or complex terrain	
No planning permission or permitting needed	

COST	
Remote sensing	Met mast
Economical to operate and maintain	Economies of scale may reduce up-front costs for installation, maintenance and component replacements
A capital asset that can be redeployed at no extra cost to support multiple functions at multiple sites	Familiarity of technology may increase efficiency of data processing
	Modular setup allows choice of sensors