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Introduction to the topic "dust measurement"



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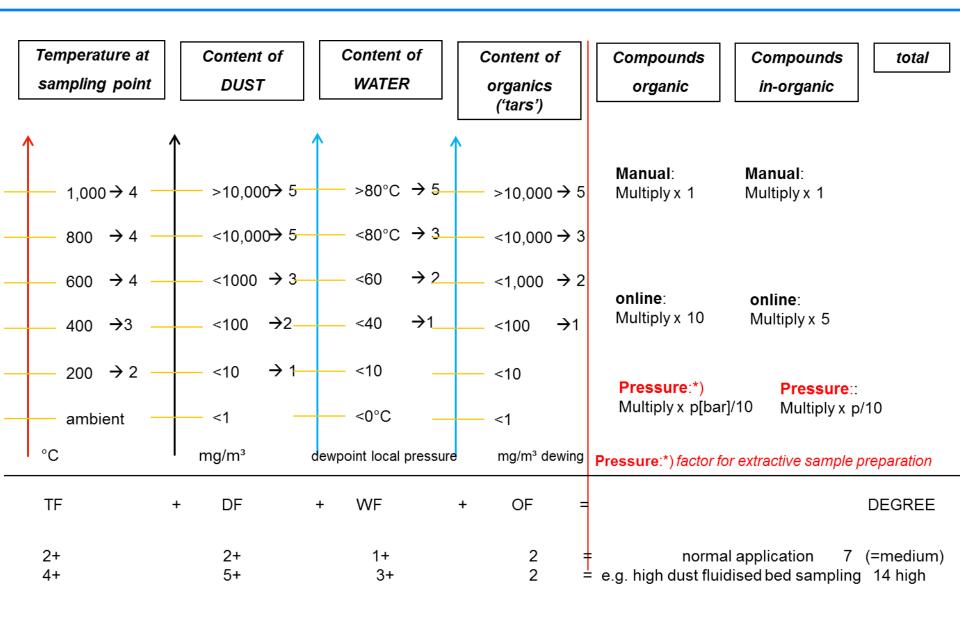
- Dust = solids in the gas
- Solids in syngas may have an influence how to sample the gas, in order to get correct data about the compounds you want to measure (avoid sorption, reactions, etc.).
- Solids measurements includes information about:
 - concentration of particles
 - particle size distribution
 - chemical composition
 - physical properties of particles.

Independent of the motivation for dust measurement, there is a need for a working group on "particles"

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Degree of difficulties for different gas families

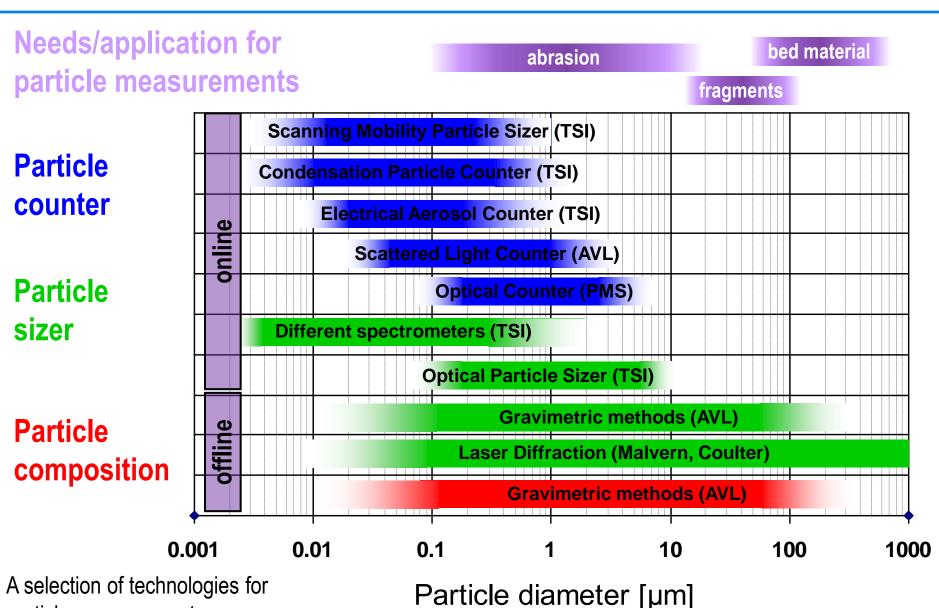


Berlin, 4.4.2014 3



particle measurements

Particle measurement principles/technologies



Berlin, 4.4.2014 4