

UFP and Black Carbon emissions from Real World Wood Stoves without and with Electrostatic Precipitators

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In Berlin a large pilot program started recently with the goal to retrofit up to 100 real world stove with electrostatic precipitators from four different manufactures in a small area in the southwest of Berlin. On each stove measurements of ultra fine Particle and black carbon emissions will be measures after installation and two times in the next two years. For the UFP the test protocol of the German environmental label „ Blue Angel“ for wood stove are used. The test protocol will be presented as well a new instrument to measure Black Carbon at the exit of the chimney.

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