



Industrie Service

Does it get any worse than this?

Verifications of solid waste projects
DOE perspective

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YES and NO



- Difficulties during Verification
 - Availability of real and reliable data
 - Landfill management
 - Sampling activities
 - Calibration issues
 - Use of flaring tool
 - Estimations done in PDD

Difficulties during Verification



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- Availability of real and reliable data
 - Data in paper form
 - Available only in central office
 - Transmission of data via internet
 - Only available in measurement equipment

Difficulties during Verification



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- Landfill management
 - Training of personnel
 - Equipment available on-site
 - Wells management
 - Weather influence

Difficulties during Verification



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- Sampling activities
 - Procedures available
 - Relation with landfill management
 - Equipment used
 - Recording and transmission of data

Difficulties during Verification



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- Calibration issues
 - Availability of certificates
 - Country accreditation system
 - Results of calibration
 - Methane concentration calibration issues

Difficulties during Verification



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- Use of flaring tool
 - Measurement of concentration at exit
 - Conditions of measurement
 - Temperature measurement
 - Use of default values

Difficulties during Verification



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- Estimations done in PDD
 - Real waste input in landfill
 - Waste composition
 - Landfill management
 - Pre-project methane flaring



- Suggestions for improvement
 - Clarification regarding sampling (old methodologies)
 - Usability of flaring tool (simplification)
 - Inclusion of materiality
 - Avoidance of projects exclusion in new methodologies (renewable of crediting period)
 - Definition of range of acceptable difference between PDD estimation and monitoring report



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Thank you for your attention!

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