



PROGRAMME FUNDED BY THE EU



# **"INOGATE Technical Secretariat & Integrated Programme in support of the Baku Initiative and the Eastern Partnership energy objectives" Project**

**BUILDING PARTNERSHIPS FOR ENERGY SECURITY**

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# **Training Presentation**

## **Introduction to the Course and**

## **Presentation of the Objectives to Be**

## **Met**

*By Reno Munksgaard, Landfill Gas Expert*

*November, 2014*

*Tbilisi, Kutaisi, Georgia*

# INTRODUCTION – RENO MUNKSGAARD



## Reno Munksgaard

- Project Manager in Ramboll Energy
- Gas and energy specialist working with landfill gas, biogas, waste handling and anaerobic digestion
- Landfill gas projects in:
  - Denmark
  - Malaysia
  - Indonesia
- Involvement in recycling station and anaerobic digestion plants in:
  - Denmark
  - Norway
  - Malaysia
  - Singapore



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# INTRODUCTION – JES KROMANN BAK



## Jes Kromann Bak

- Senior Project Manager in Department Environment & Nature
- Landfill design, landfill closure and supervision
  - Denmark
  - Russia
  - Poland
  - Romania
  - Croatia
  - Zambia
- Recycling station and composting plants



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# INTRODUCTION – AGENDA DAY 1



- **Introductory test**
- **Introduction to Guidelines for assessing landfill gas potential**
- **Introduction to Landfill gas**
- **Introduction to Safety at landfill sites**
- **Introduction to Methodology for assessing landfill gas potential**
- **Introduction to LFG Plant Operation**
- **Introduction to Modern principles of landfill management**

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# INTRODUCTION – AGENDA DAY 2



- **Transportation to site**
- **On-site workshop training session 1-3**
- **Transportation back to office**
- **Summary and evaluation**
- **Training impact assessment**

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# INTRODUCTION – OBJECTIVES TO BE MET



## **The overall objectives are to**

- Reduce the environmental and health impacts of methane gas emissions from landfills in Georgia.
- Harness the viable potential for energy generation from landfill gas.

## **The specific objectives are to**

- Develop guidelines applicable to landfill gas potential assessment.
- Build up capacity within the SWMCG to monitor landfill gas.



# Any Questions?

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# Thank you

