

# Nes kommune

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- Nes is a distinctive agricultural municipality and Norway's largest grain municipality located in Eastern Norway with proximity to Oslo and Gardermoen.
- Approx 24.000 residents



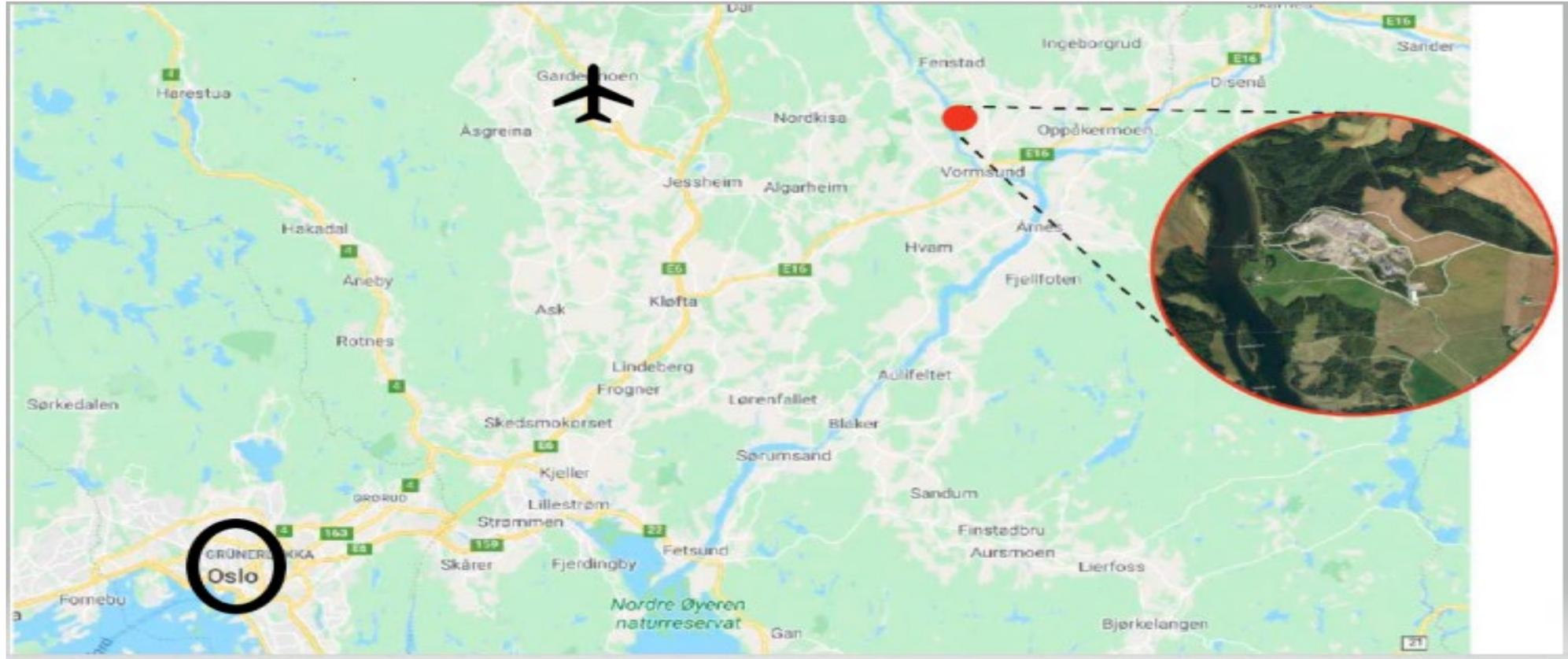
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**Dennis**  
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# Esva Miljøpark, location



# Esva miljøpark

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- There are 3 companies located at Esva:
  - Esva Miljøpark KF
  - Romerike Biogassanlegg
  - Nes Miljøpark AS
  
- 31.000 tonnes of food waste (household) have been received and treated.
  - 1.160.000 Nm<sup>3</sup> of biogas
  - 51.000 m<sup>3</sup> of liquid biofertilizer is delivered to local agriculture
  - 1.500 tonnes of solid fertilizer as an input for selfproduced gardensoil/compost

# Esval miljøpark

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- 275.000 tonnes of contaminated soil mass has been received and treated
- Operation of landfill after permission granted by the State Administrator
  - Approx 150.000 m<sup>3</sup> of water treatment before discharge to the recipient
  - Approx 964.000 Nm<sup>3</sup> of gas from an old landfill
    - 51,2 % methane (average)
      - 35 % torched
      - 65 % sold to Romerike Biogassanlegg
- Modern recycling station for the inhabitants of Nes, 12.500 tons received and 20.000 visitors

# Esval miljøpark

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*«Nes kommune has a goal that Esval Miljøpark should be developed into a regional and national competence center within recycling based waste systems and renewable energy, as well as contribute to innovation in agriculture and Norwegian food production.»*

Kommuneplan, revised 2019

# Interaction

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Focus primarily on what the municipality, the region and Miljøparken already known for

- Food production
- Energy production
- Waste recycling

Requires information, good dialogue, anchoring and interaction throughout the value chain.

Together with the

- Hvam high school
- Grønt Fagsenter
- R&D (NMBU, IFE et.al)

# Challenges

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## Legislation

- Norway is not a member of the EU, but is largely influenced by EU policy, especially as a result of the EEA agreement
- National legislation and local regulations

## Access to resources

- Great distances
- Infrastructure is expensive
- Preconditions



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# Esval Miljøpark - today



# Potential

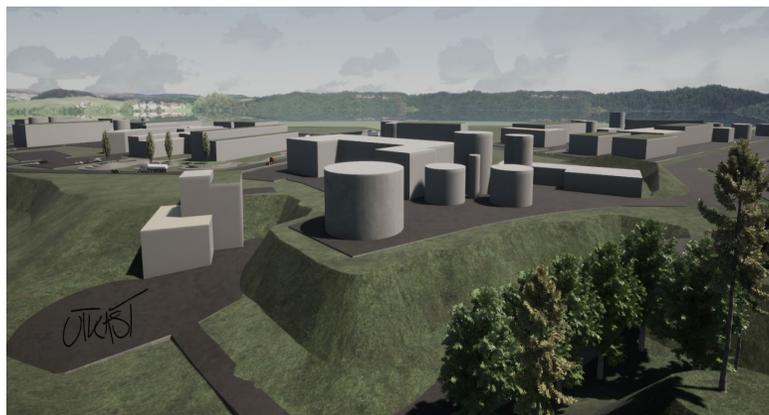


# Open for business



# Drawings

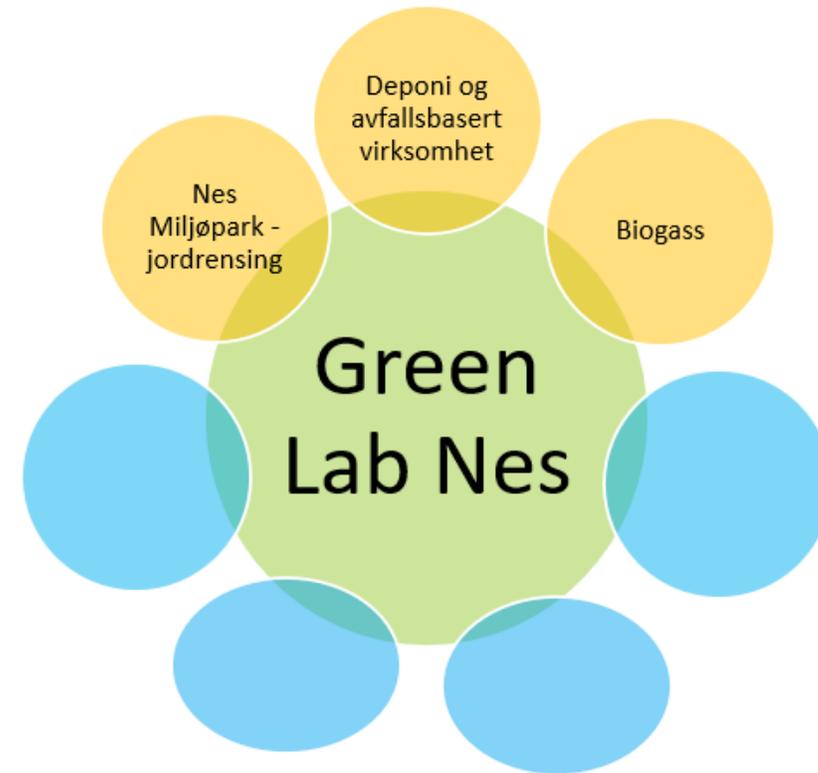
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# Roadmap

- What needs to be arranged and how to copy a success story like Skive?
  - *Take advantage of economies of scale*
  - *Technology and competence*
  - *R&D*
  - *Integration opportunities*
  - *Education benefits*



# Interreg – lets continue

Based on the experiences from the collaboration, it is important that continuity is maintained.

SDG no 17 – Partnership for the goals



EU trend of SDG 17 on partnerships for the goals