

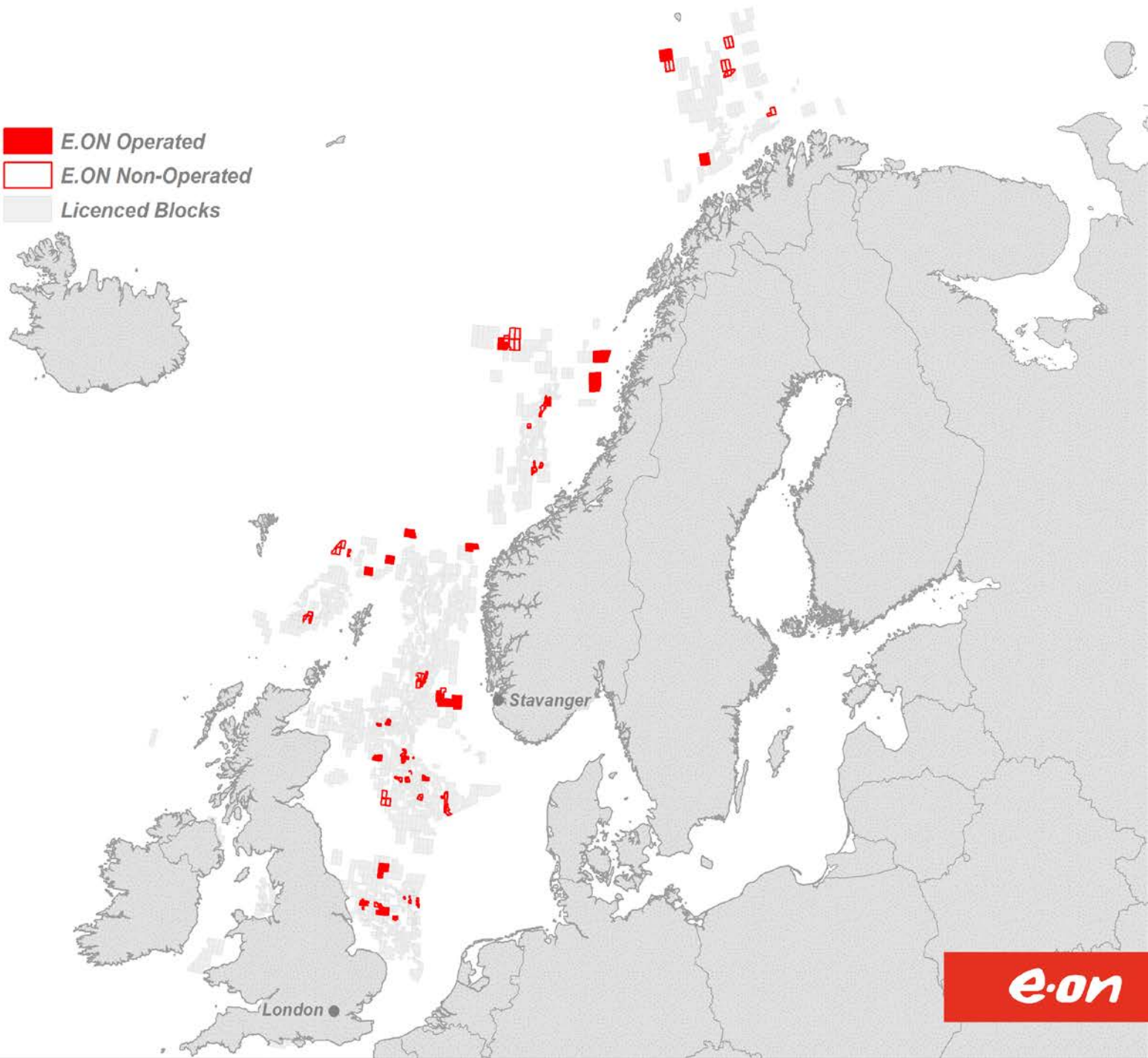
# Show Me the Oil, Baby

How Play Based Exploration using GIS has helped E.ON in their search for oil (and gas).

by Balazs Badics and Nathan Mooney



# The story



# The problem

# The solution

# P Play Based E Exploration Theory



*'A play is a geological formation that does not have a known accumulation.'*

Combined  
probability

Seal

Reservoir

Source

# How E.ON did it

# The workflow

Block 1

- **Select data to represent your play elements**

Block 2

- **Assign probability values to input features**

Block 3

- **Convert input layers into probability layers**

Block 4

- **Combine probability layers**

Block 5

- **Validate Combined Probability layer**



# E.ON's development path

**Conduct a PBE study before you apply  
for a licence and drill wells**

**Documentation**

# **Key learnings**

**Co-ordinate**

**Standards**

# Next steps

# Questions