

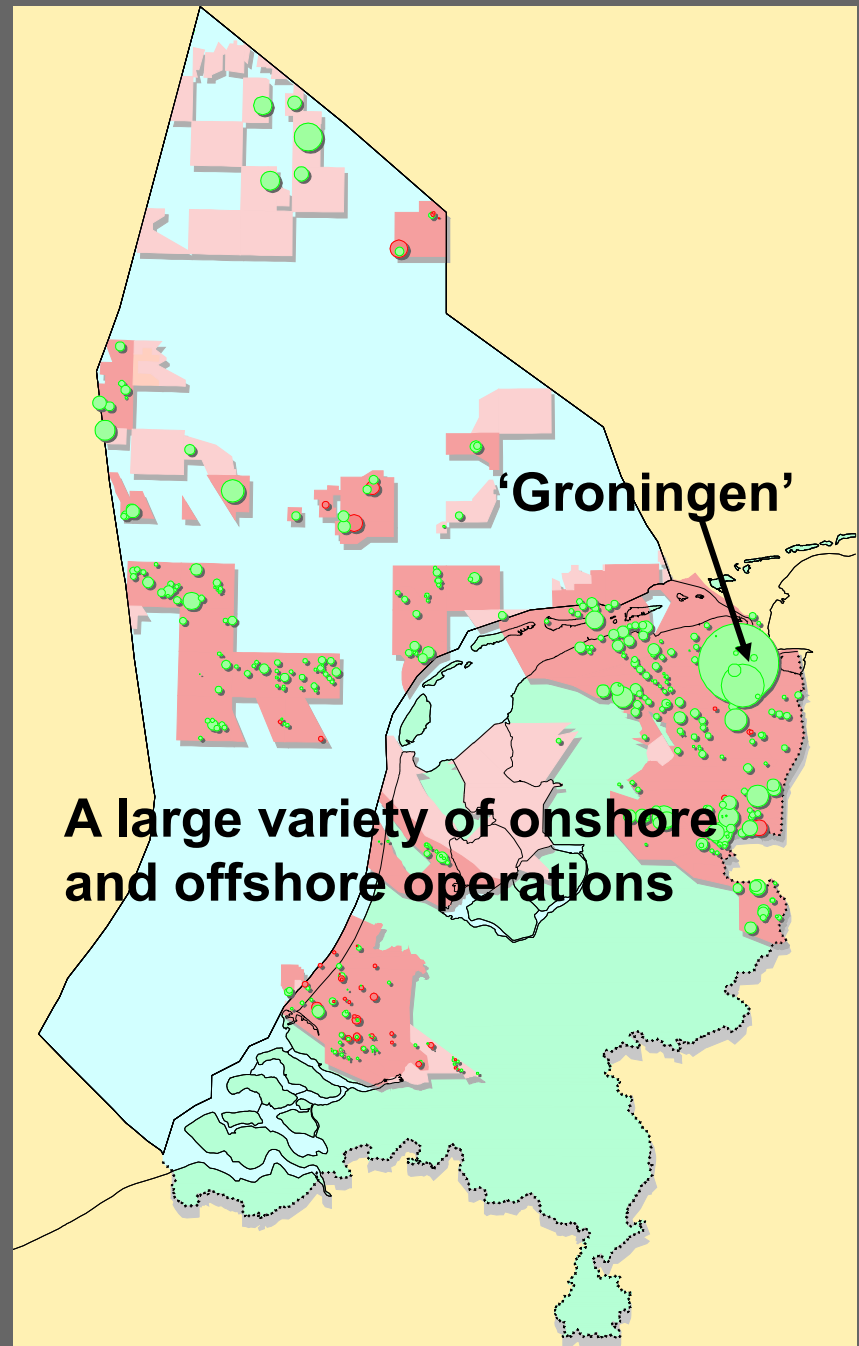
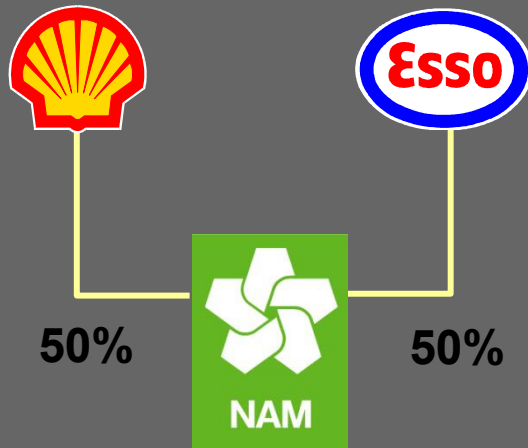
# **NAM** **and the others**

**[www.nam.nl](http://www.nam.nl)**

Joop Marquenie

# Consortium NAM

The largest EP  
company in the  
Netherlands



**In 1943 Shell-Exploration Netherlands discovered an oil field near Schoonebeek**

**After WO II Shell and Esso decided to start a  
(joined 50/50) consortium called  
Nederlandse Aardolie Maatschappij (NAM)**

**NAM was founded September 19<sup>th</sup> 1947**

# Some events leading to the discovery Schoonebeek

1923 oil in Twente in salt layers (Zechstein)

1930-1947 gravity assessments to map Zechstein

1930-1932 12 dry wells in NO Netherlands by Bataafse  
Petroleum Maatschappij (precursor Shell)

1938 blow-outs and accidental discoveries

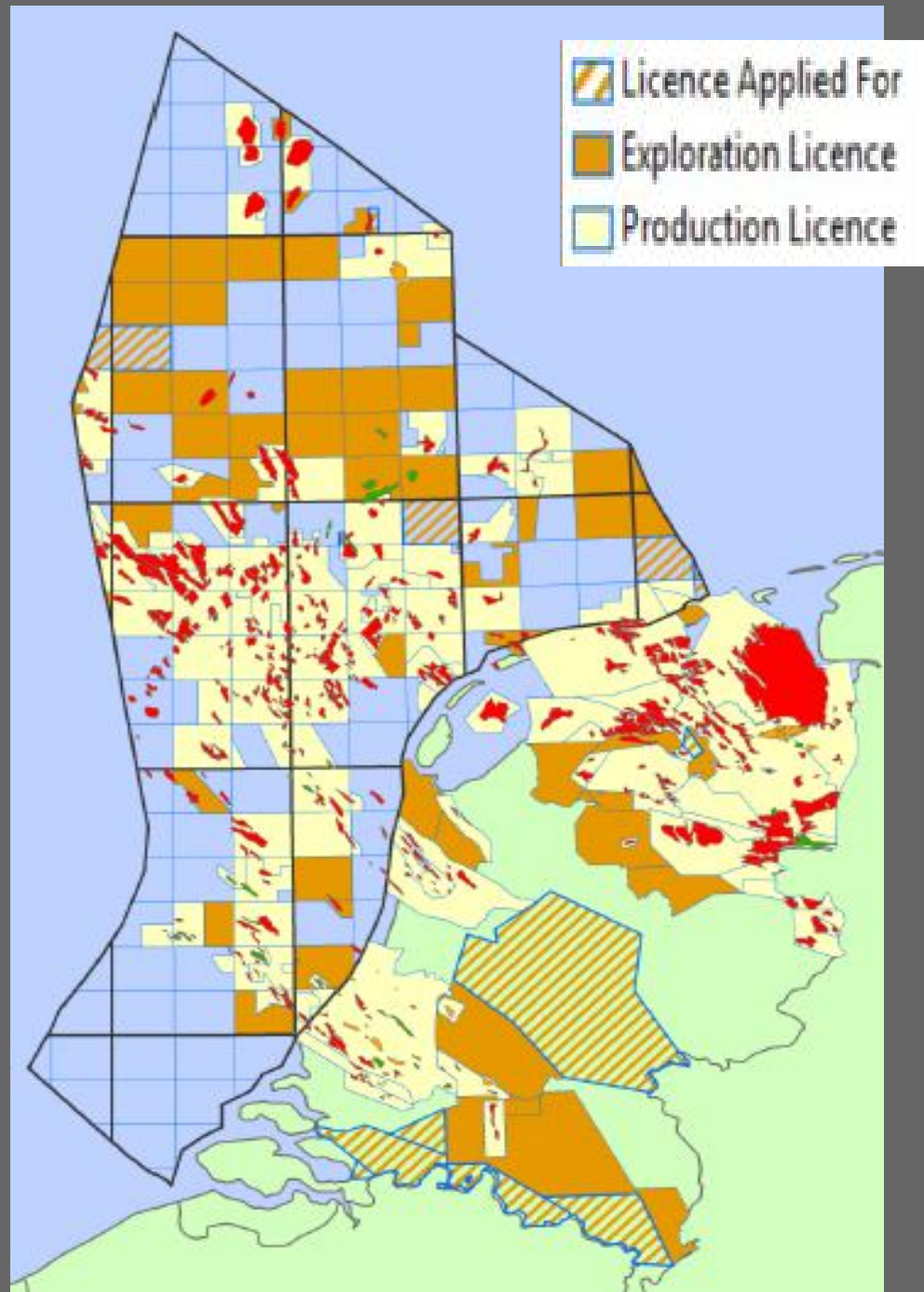
1943/44 Schoonebeek discovery

1947 NAM founded

1948 commercial gas in Coevorden

1959 Slochteren

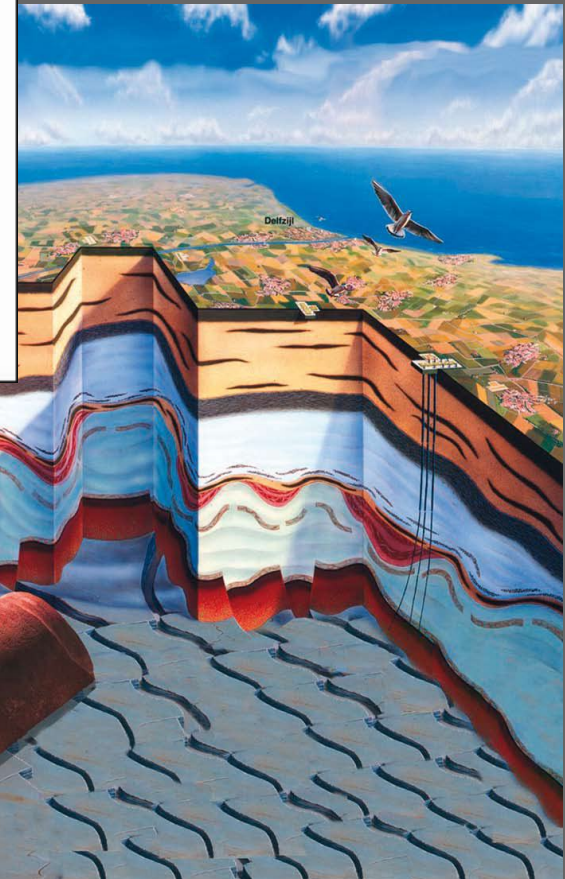
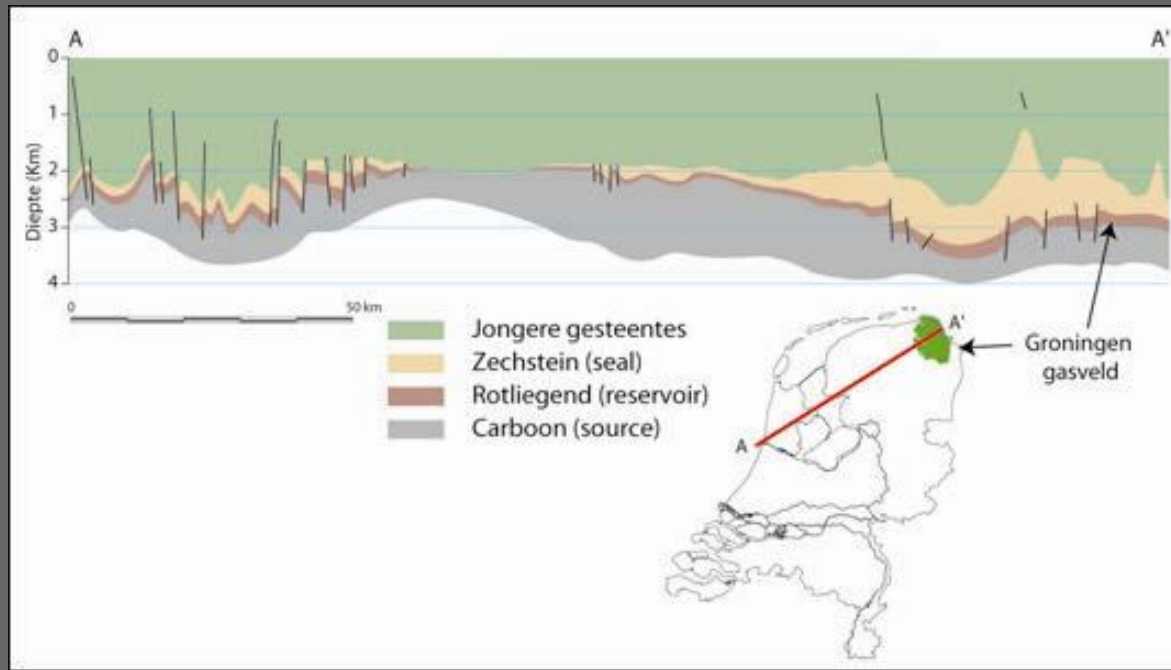
**Apart from NAM  
several other EP  
companies**



block	exploration	production	licensee	expiry date	PLA filed
F18-shallow	x		Sterling c.s.	1-jan-17	
F18-deep	x		Wintershall c.s.	21-nov-15	
G14		x	GDF SUEZ c.s.	14-dec-19	
G16a		x	GDF SUEZ	6-jan-32	
G16b		x	GDF SUEZ	6-jan-32	
G17a		x	GDF SUEZ	14-dec-19	
G17b		x	GDF SUEZ c.s.	14-dec-19	
G17c/d		x	GDF SUEZ c.s.	10-nov-25	
G18	x		Hansa	29-okt-18	
H16	x		Hansa	29-okt-18	
J3a		x	Total c.s.	12-jan-36	
J3b		x	Centrica	6-nov-32	
J6		x	Centrica	6-nov-32	
J9	x		NAM c.s.	?	
K1a		x	Total c.s.	10-feb-22	
K1c	x		GDF SUEZ c.s.	4-jan-17	
K1b/K2a		x	Total c.s.	31-jul-22	
K2b		x	GDF SUEZ	24-aug-23	
K2c		x	Total c.s.	7-nov-21	
K3a		x	GDF SUEZ	24-aug-23	
K3b		x	Total c.s.	30-jan-21	
K3c		x	GDF SUEZ	6-jan-21	
K3d		x	Total c.s.	1-apr-24	
K3e	x		Wintershall c.s.	4-jun-15	
K4a		x	Total	29-dec-33	
K4b		x	Total c.s.	1-jun-33	
K5a		x	Total c.s.	1-jun-33	
K5b		x	Total c.s.	7-nov-21	
K6		x	Total c.s.	20-jun-15	
K7		x	NAM	8-jul-21	
K8		x	NAM c.s.	26-okt-17	
K9ab		x	GDF SUEZ c.s.	11-aug-26	
K9c		x	GDF SUEZ c.s.	18-dec-27	
K11		x	NAM c.s.	26-okt-17	
K12		x	GDF SUEZ c.s.	18-feb-23	
K14a		x	NAM	1-jan-31	
K15		x	NAM	14-okt-17	
K17		x	NAM	19-jan-29	
K18a		x	NAM c.s.	9-mei-23	
K18b		x	Wintershall c.s.	9-mei-23	
L1a		x	Total c.s.	12-sep-16	
L1d		x	Total c.s.	13-nov-16	
L1e		x	Total c.s.	13-nov-18	
L1f		x	Total c.s.	14-jan-33	
L2		x	NAM	15-mrt-31	
L4a		x	Total c.s.	30-dec-21	
L4c		x	GDF SUEZ	7-jan-34	
L5a		x	GDF SUEZ	15-mrt-31	
L5b		x	Wintershall c.s.	9-aug-38	
L5c		x	Wintershall c.s.	3-dec-16	

block	exploration	production	licensee	expiry date	PLA filed
L6a		x	Wintershall c.s.	4-jan-31	
L6b		x	Wintershall c.s.	11-aug-38	
L7		x	Total c.s.	20-jun-15	
L8a		x	Wintershall c.s.	18-aug-28	
L8b		x	Wintershall c.s.	17-mei-33	
L9		x	NAM	9-mei-35	
L10		x	GDF SUEZ c.s.	1-jan-25	
L11a		x	GDF SUEZ c.s.	1-jan-25	
L11b		x	Oranje-Nassau c.s.	15-jun-24	
L11c	x		Oranje-Nassau c.s.	1-jan-16	
L12a		x	GDF SUEZ c.s.	14-mrt-30	
L12b		x	GDF SUEZ c.s.	12-mrt-30	
L12c		x	Tullow c.s.	12-mrt-30	
L12d		x	Tullow c.s.	14-mrt-30	
L13		x	NAM c.s.	26-okt-17	
L15b		x	GDF SUEZ c.s.	12-mrt-30	
L15c		x	GDF SUEZ	7-sep-30	
L15d		x	Tullow c.s.	12-mrt-30	
L16a		x	Wintershall c.s.	12-jun-24	
M1a		x	Oranje-Nassau c.s.	8-aug-22	
M2a	x		Oranje-Nassau	3-jan-17	
M3	x		Hansa	29-okt-18	
M4a	x		Oranje-Nassau c.s.	3-jan-17	
M7		x	Oranje-Nassau c.s.	22-mrt-21	
M9a		x	NAM c.s.	10-apr-30	
M10a/M11	x		Tulip	1-jul-15	
N1	x		Hansa	29-okt-18	
N7a		x	NAM	10-mrt-34	
N7b		x	GDF SUEZ c.s.	10-mrt-34	
P2a	x		Petrogas	3-apr-16	
P6		x	Wintershall c.s.	14-apr-22	
P8a		x	Grove	1-dec-21	
P9a/b		x	Petrogas c.s.	16-aug-33	
P9c		x	Petrogas c.s.	16-aug-33	
P10a		x	Dana	11-jul-20	
P10b		x	Dana	19-mei-19	
P11a	x		Oranje Nassau	2-aug-16	
P11b		x	Dana	14-mei-19	
P12		x	Wintershall c.s.	8-mrt-30	
P14a		x	Dana c.s.	23-jun-32	
P15a/b		x	TAQA c.s.	12-jul-24	
P15c		x	TAQA c.s.	7-mei-32	
P18a		x	TAQA	30-apr-32	
P18b	x		TAQA c.s.	1-jan-17	
P18c		x	TAQA c.s.	2-jun-32	
P18d		x	Oranje-Nassau c.s.	31-okt-27	

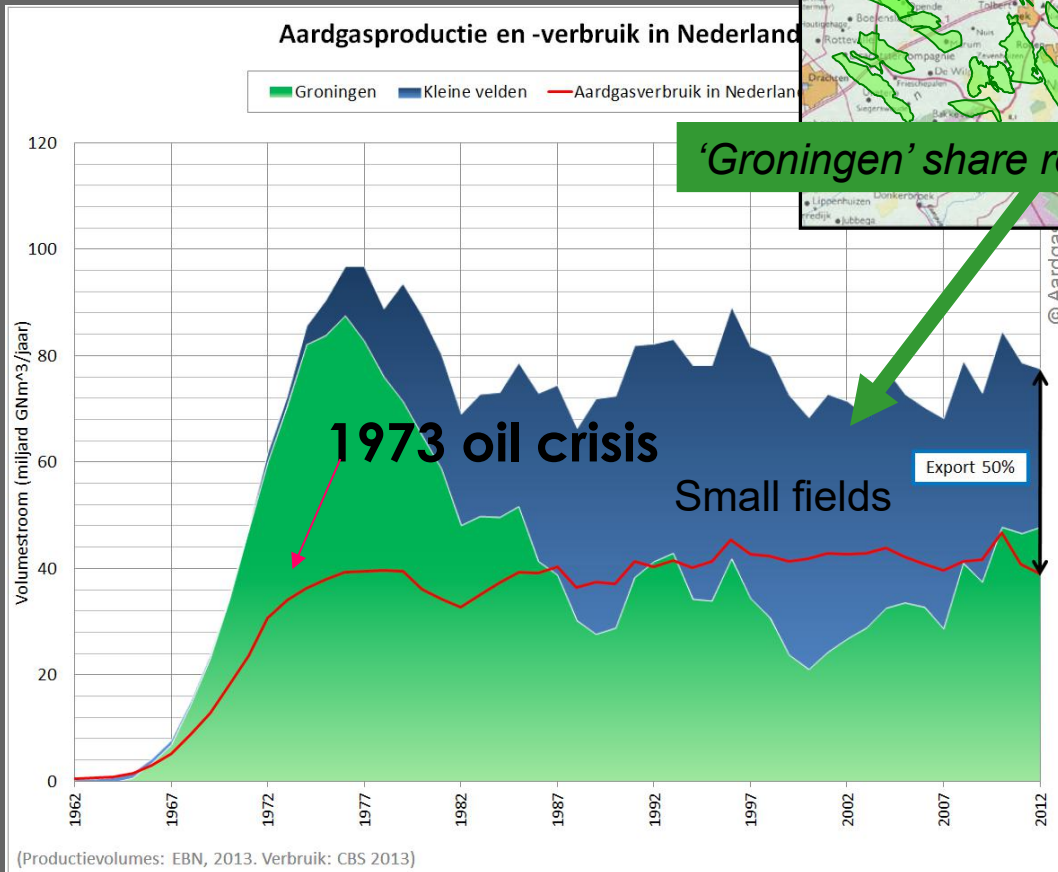
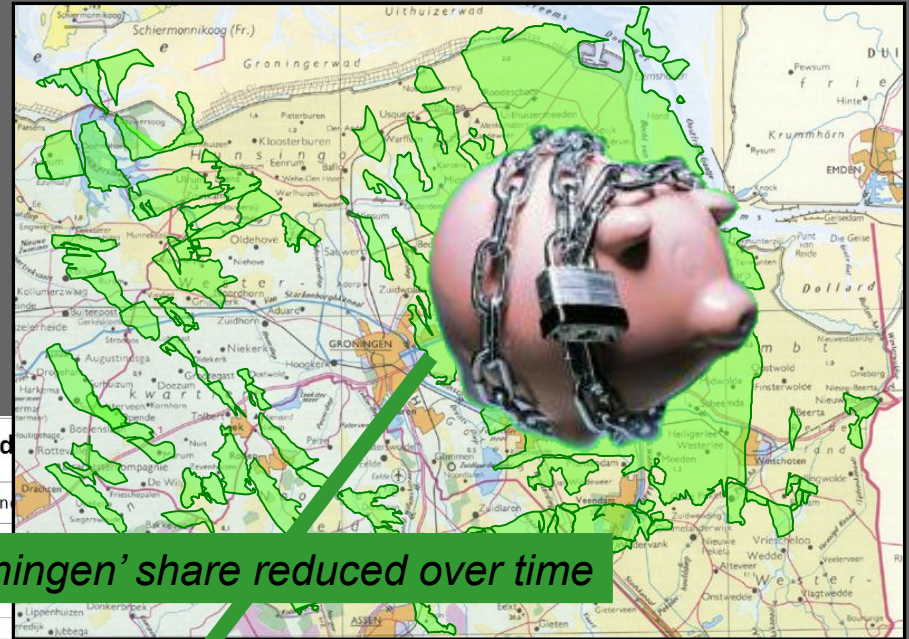
# The gas is trapped in sandstone layers under salt



**Coal is the source, but where does the sand and salt come from?**



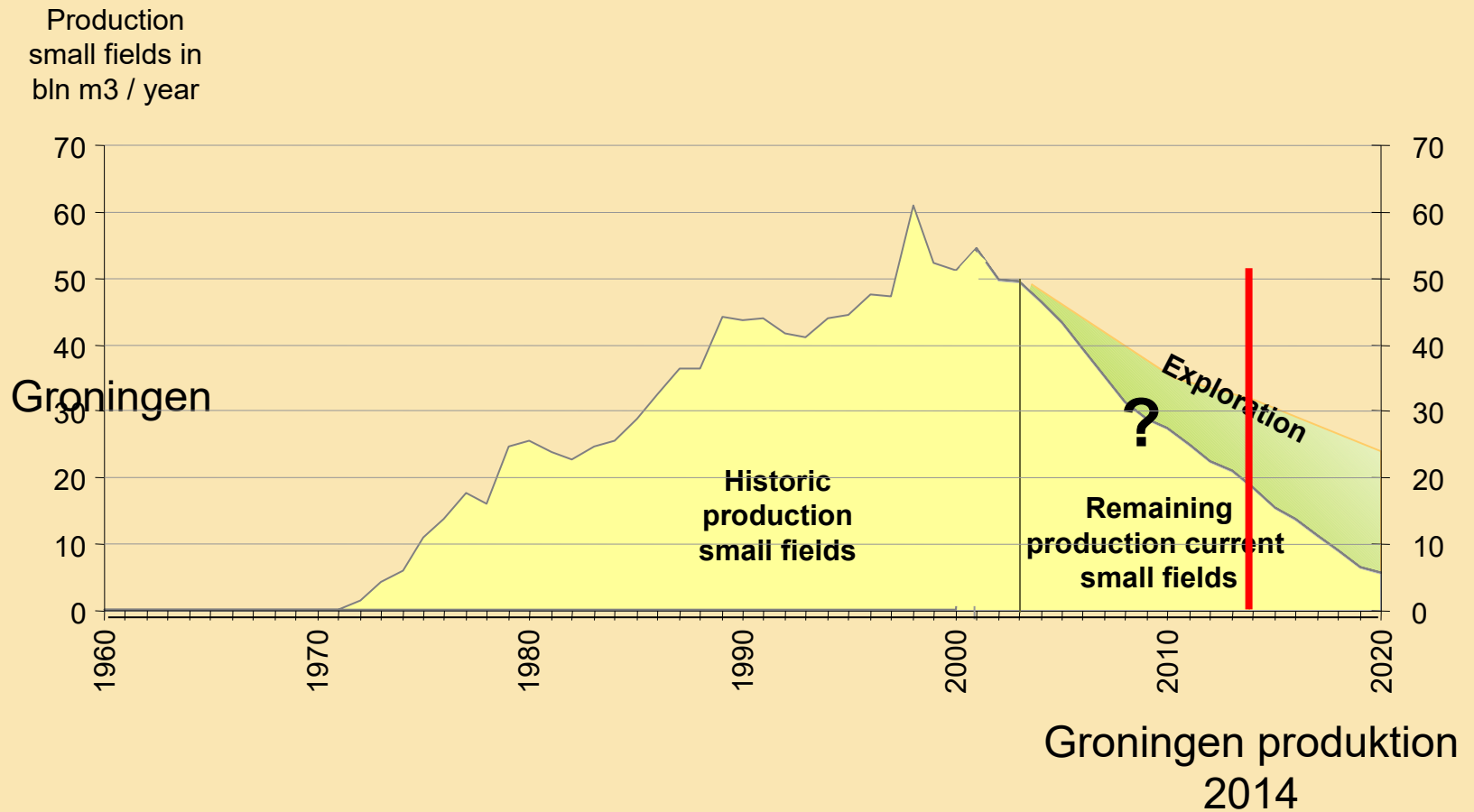
# Small fields policy



**Production cap on Groningen introduced**

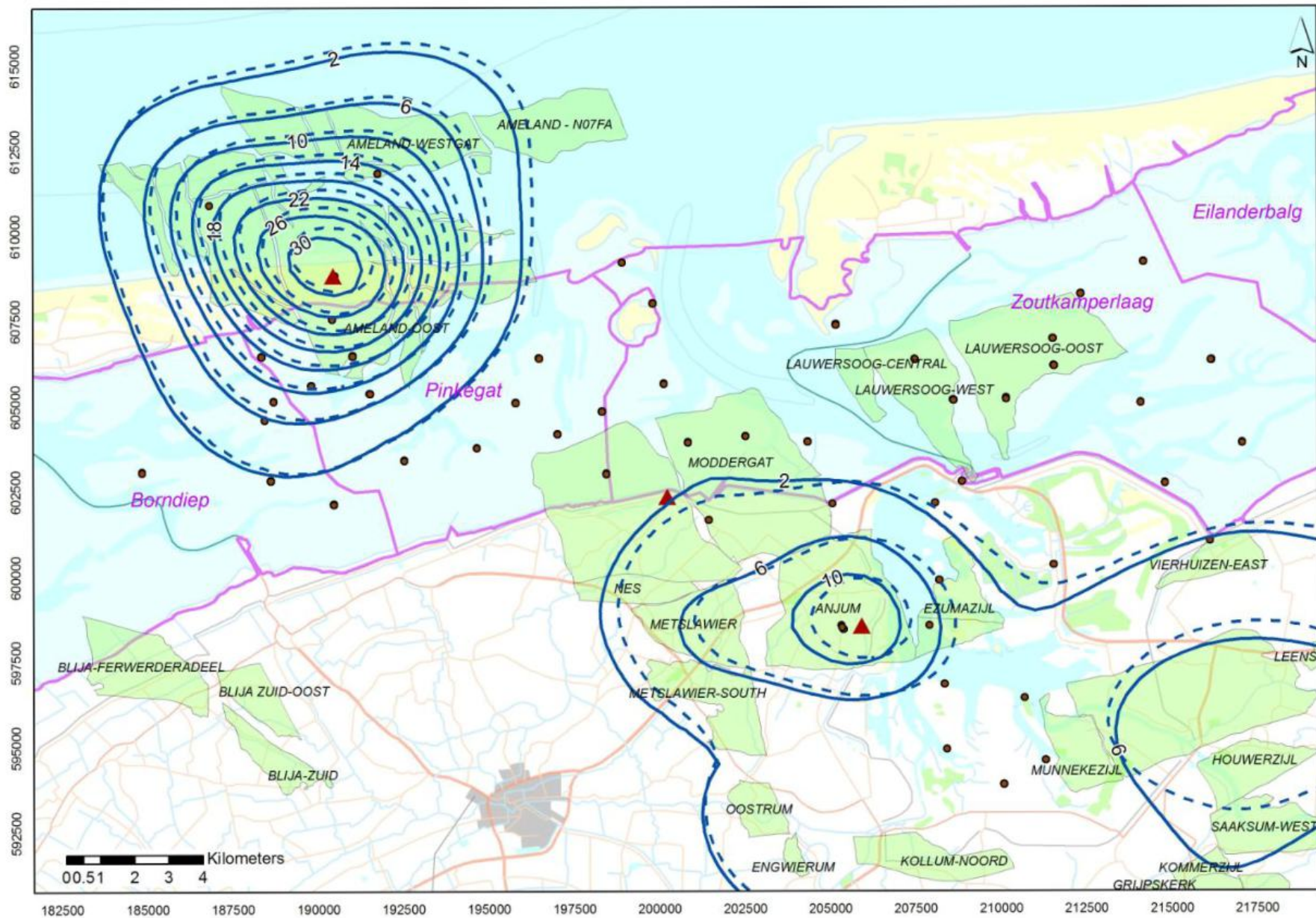


# Small Fields: How long will they last?

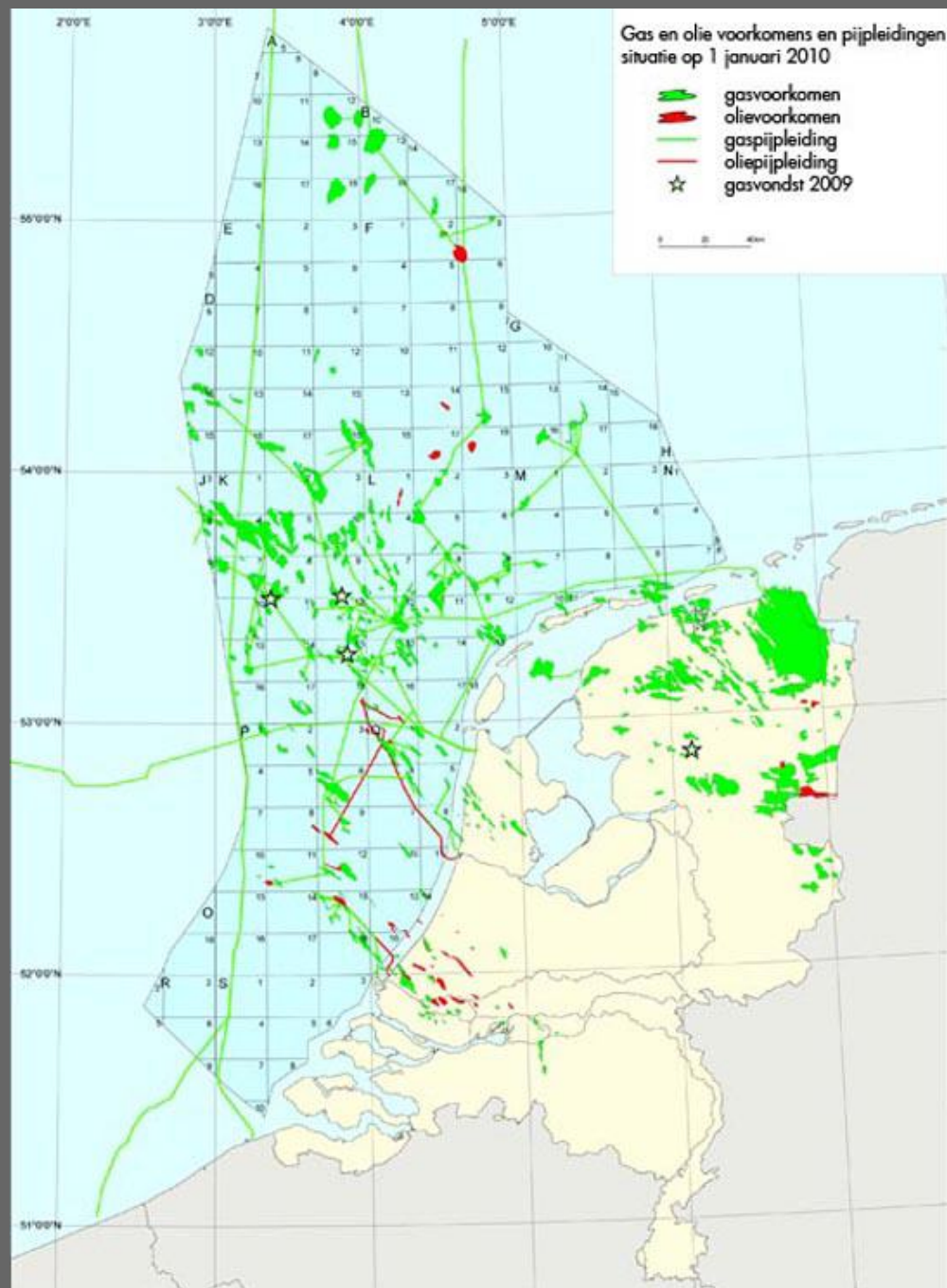


# Products, by-products, waste and disturbances

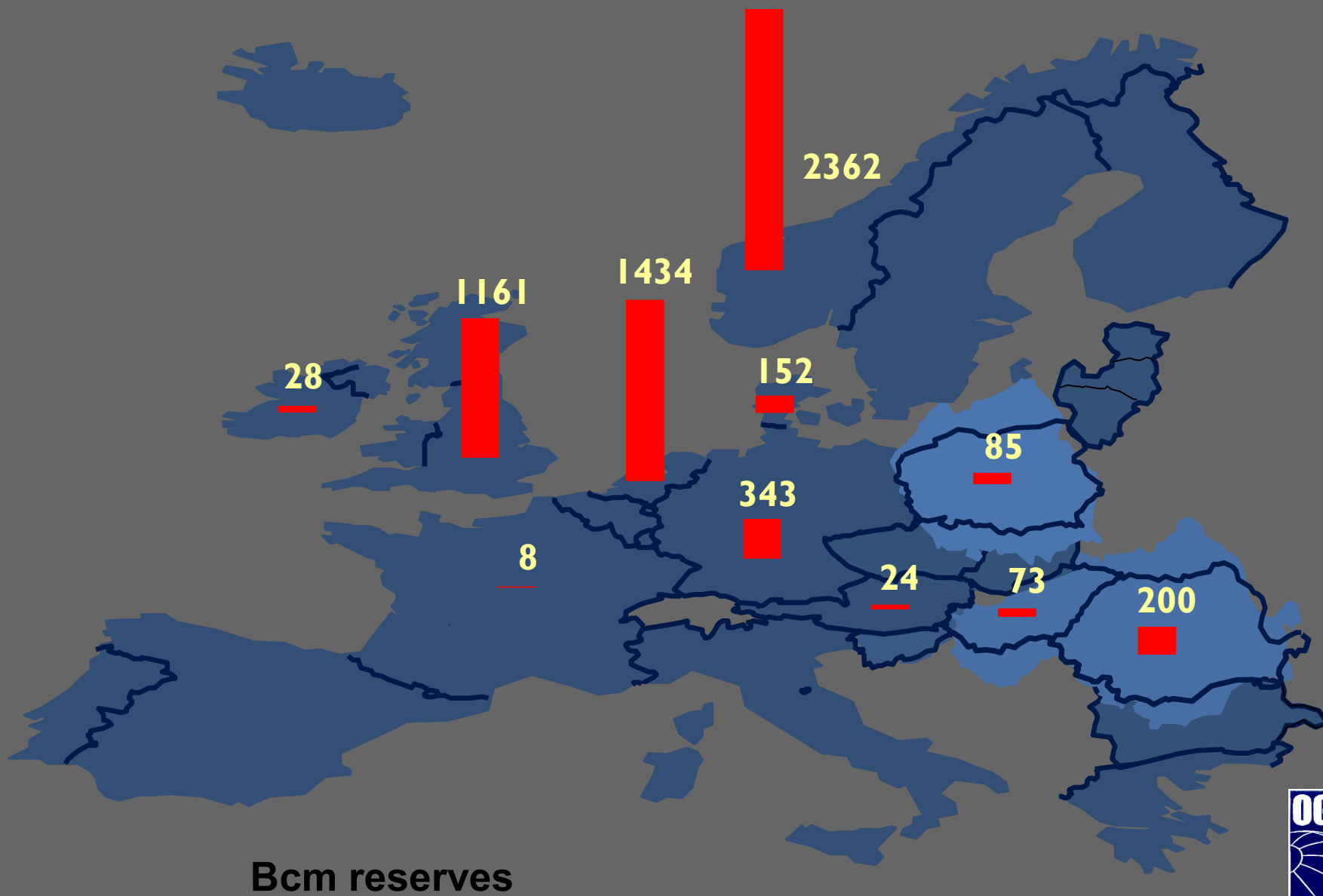
- Gas and oil
- Thermal energy (waste)
- Knowledge
- Waste water, discharges, water injection
- Emissions to air
- Light and noise
- Earthquakes and subsidence
- Emotions and discussion
- Income to the State and all of us (70%)
- Subsidence



**56% of the EU  
gas reserves are  
in the Netherlands**



# Gas in Europe



# Oil and gas fields in Eur-Asia





# Gas supply for EU from surrounding areas



**Einde intro NAM**  
**End of intro on NAM**