

KIVI LECTURE – THE HAGUE, 10 DEC 2014

The role of NOGEPA in a sustainable
energy mix

**“Natural gas as part of the
solution”**

Ir. J.P.M. (Jo) Peters

Secretary General NOGEPA

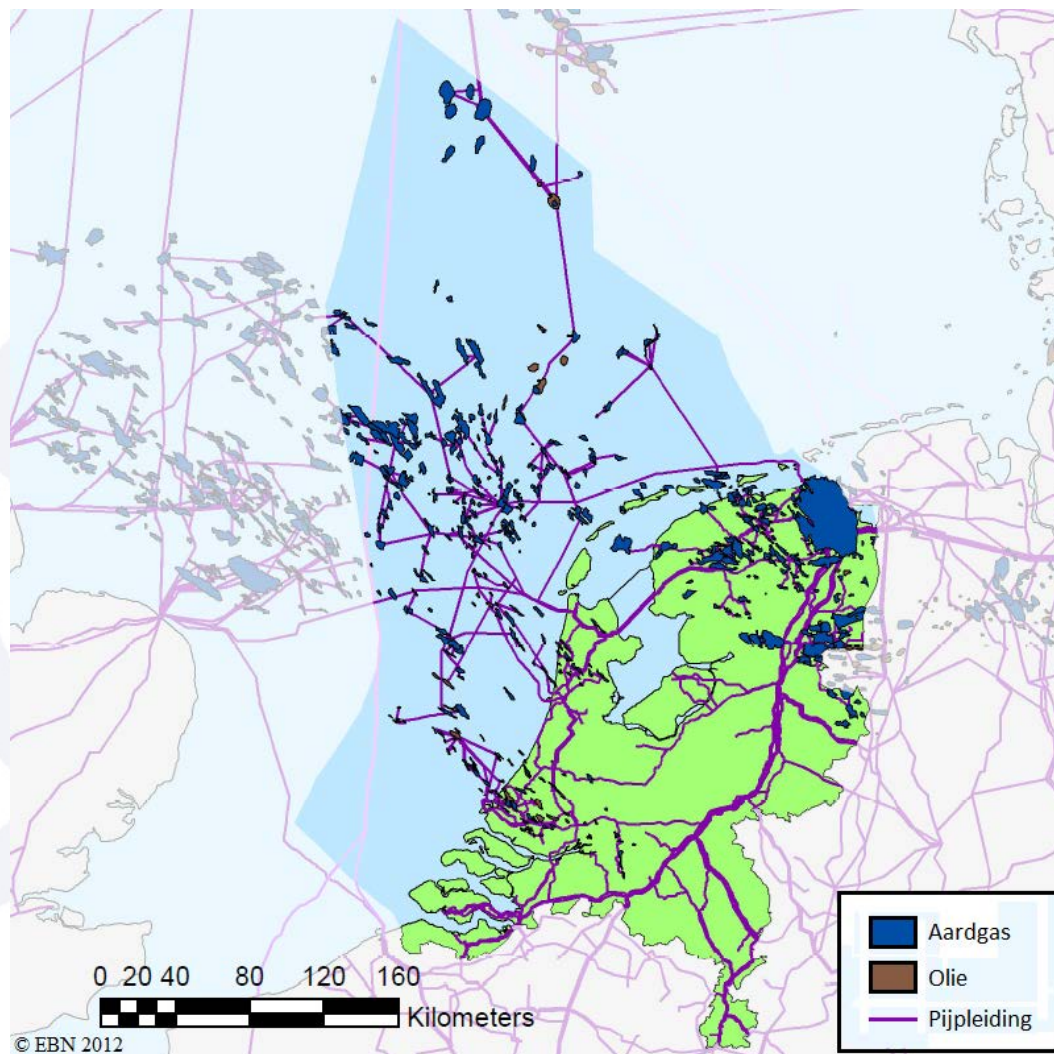
Structure of talk (1)

- Introduction
- Short film: OPINIONS (5 minutes)
- Facts & figures
- Salomon Kronenberg & The Stone Age
- Dieter Helm & The Carbon Crunch
- Short film: ENERGY MIX (5 minutes)
- Questions

Structure of talk (2)

- Jan Paul van Soest: “De Twijfelbrigade”
- The remaining 85% & The case for gas
- Short film: Accelerating the energy transition (5 minutes) if time allows
- Natural gas as part of the solution
- Conclusions
- Questions

Den Helder is the centre of NL...



NOGEPA MEMBERS

Delivering Energy to the people



Dana Petroleum



GDF SUEZ



NAM



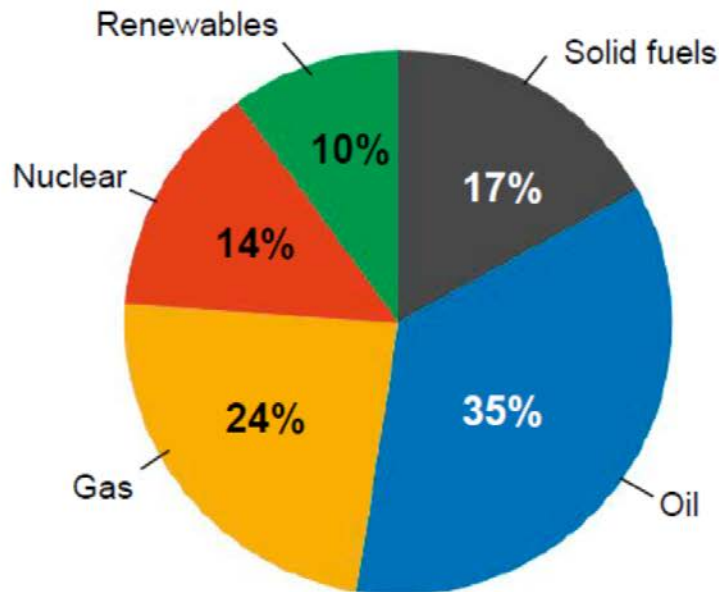
NOGEPA



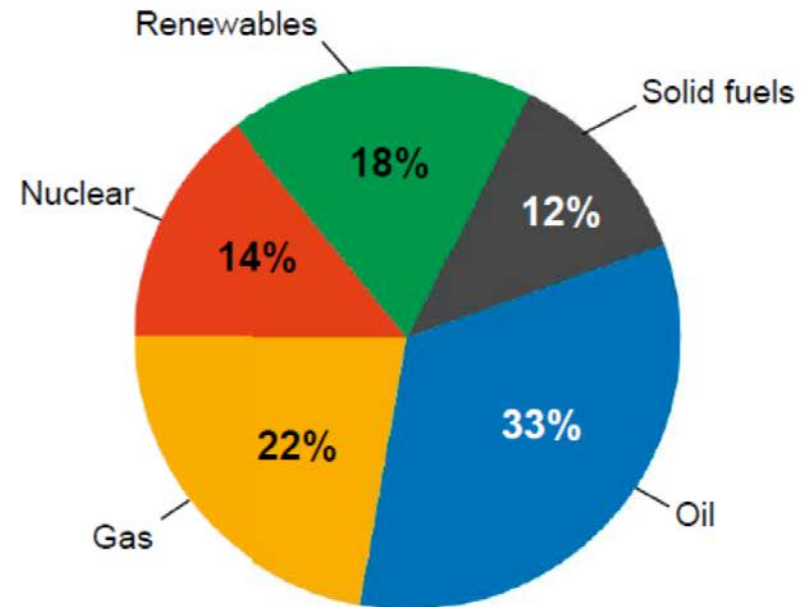
EU ENERGY CONSUMPTION 2011-2030

(source: EU Commission)

EU gross inland consumption
2011

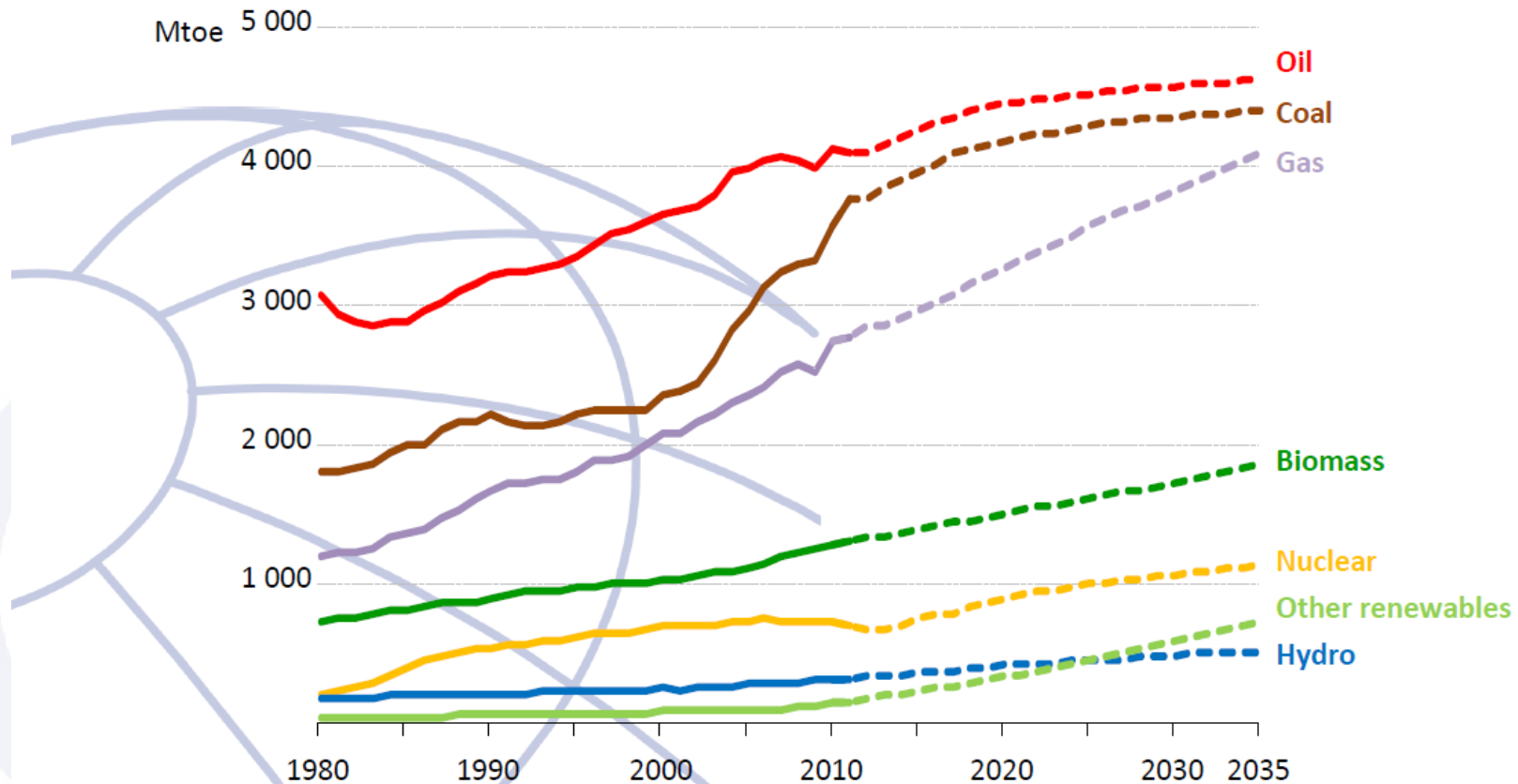


EU gross inland consumption
2030 (scenario)



World energy demand by fuel (IEA forecast 2014)

OGP

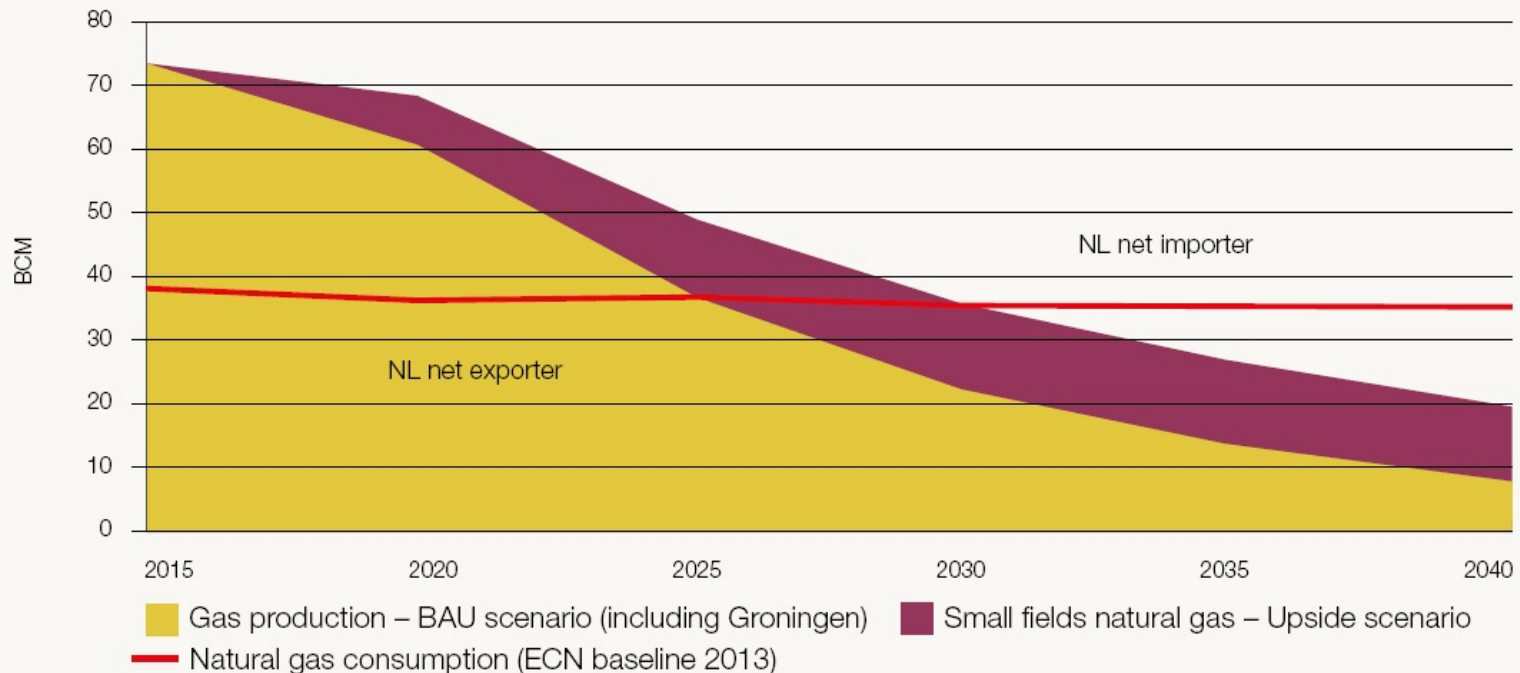


*Today's share of fossil fuels in the global mix, at 82%, is the same as it was 25 years ago; the strong rise of renewables only reduces this to around 75% in 2035
EU needs to import more and more Oil and Gas*

EBN OUTLOOK NL

(source: Focus on Dutch Gas 2014)

Dutch natural gas consumption and production scenarios



EBN 2014

MY CONSISTENT MESSAGES

- Salomon Kronenberg & The Stone Age
- Dieter Helm & The Carbon Crunch

MY CONSISTENT MESSAGES

- Jan Paul van Soest: “De Twijfelbrigade”
- The remaining 85% & The case for gas
- NATURAL GAS AS PART OF THE SOLUTION

CONCLUSIONS

- We are moving towards an increasingly sustainable energy mix.
- Innovation will be key to developing the optimal pathway.
- Henk Kamp: “A good business climate in the energy industry is vital to the prosperity and wellbeing of future generations”.
- Jo Peters: **Natural gas is part of the solution.**