

NGIN Insights Gas Case

Context

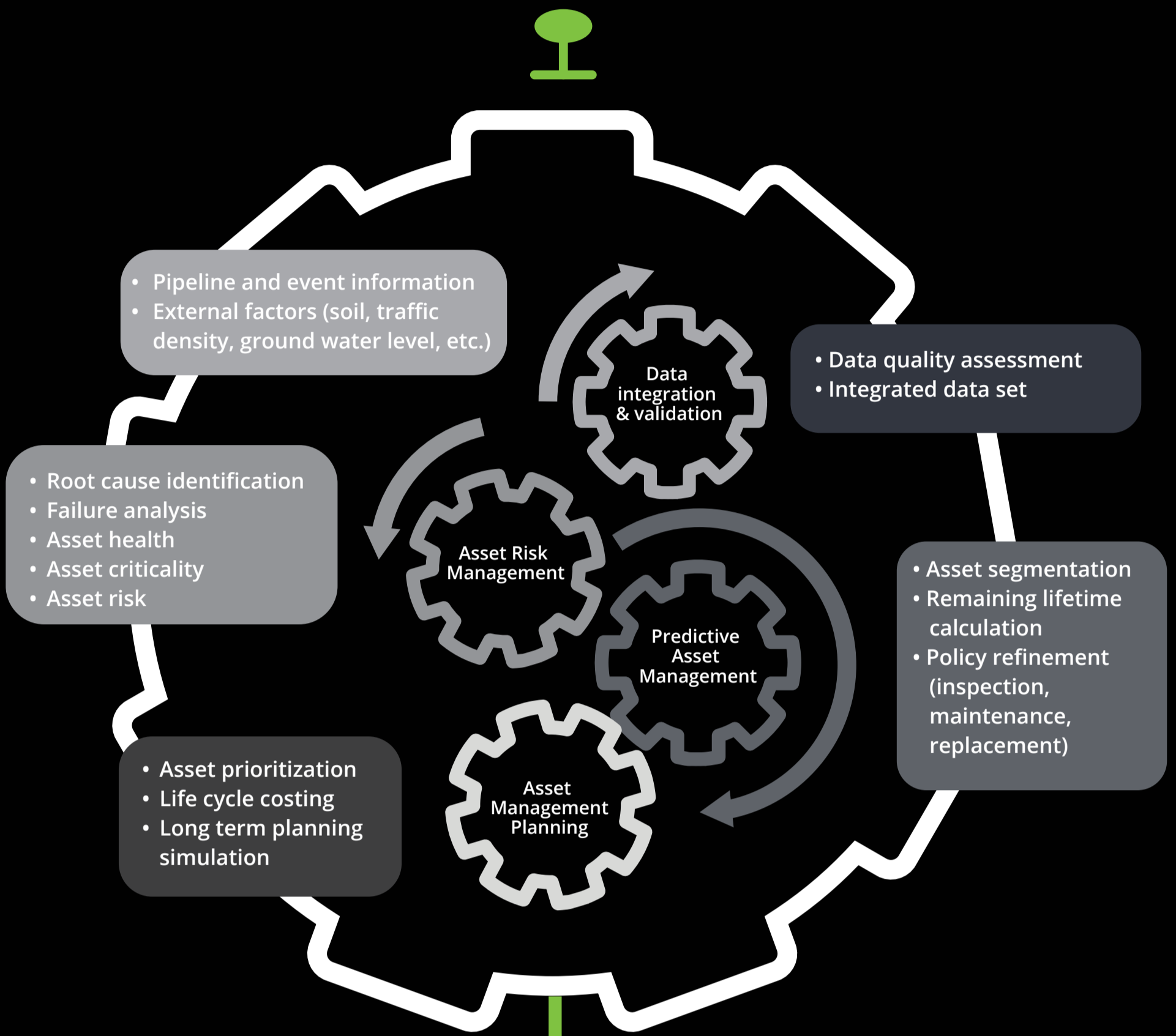


- **34 936 km**
Natural gas distribution network
- **1.7 million**
connections
- **47 138**
social supplier customers

Challenges



- Ageing gas distribution infrastructure
- Maintaining a safe gas grid
- Increasing regulatory pressure on costs
- Scarcity of resources



Previous planning approach

- Spreadsheet-based, manual and time consuming process
- Mainly driven by financials with a partial link to risk and performance
- Based on rules of thumb and expert judgement
- No complete transparency of planning process



Data-driven planning approach

- Capital allocation is made in a consistent, transparent and optimal way across all assets
- Planning balances financials, risk and performance
- Increased efficiency and flexibility of the asset management planning process
- Simulation of alternative planning scenarios
- Finetuning and optimizing asset policies
- Insights into future Supply Chain needs

Benefits



CAPEX savings
(33 mio EUR over 15 years)



Extended life time
on average by 10 years
(at same performance levels)

Contact

Jeroen Vergauwe
Director
Risk Advisory
jvergauwe@deloitte.com
+32 2 800 22 84
+ 32 496 57 83 23