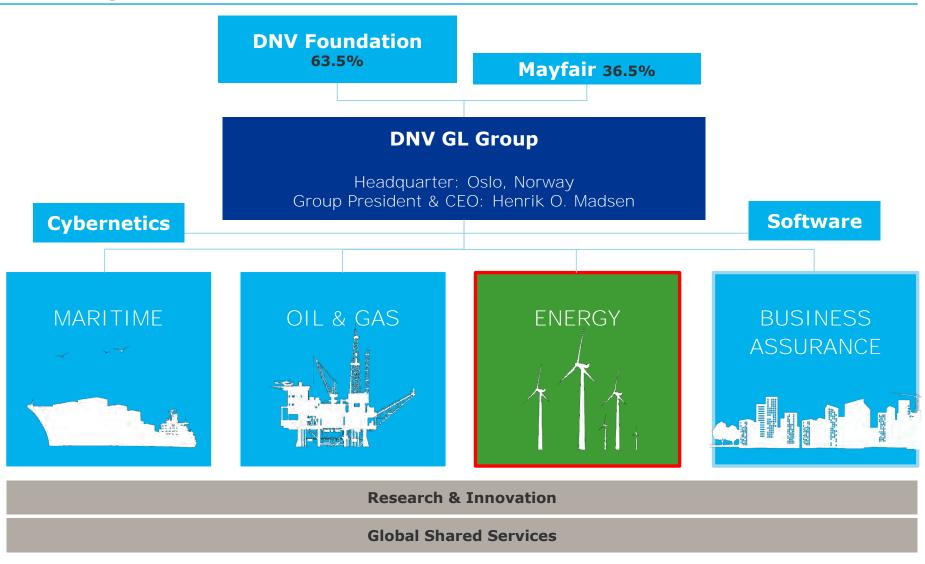
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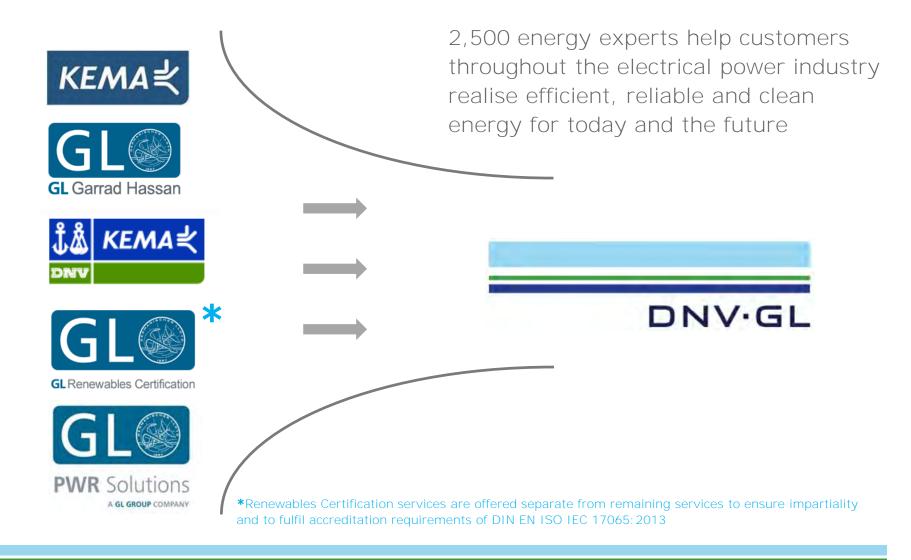
DNVGL Energy - A heritage of excellence Dr Sanjay C Kuttan Director and Country Manager DNVGL Clean Technology Centre

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- Supply chain optimization
- Risk & change management

- Alternative business model development
- Dynamic microgrids
- Distributed generation
- Renewables
- Bio mass & gas generation

- Power purchase agreements
- Market design
- Competitive retail market structure and support
- Benchmarking performance
- Technology assessments

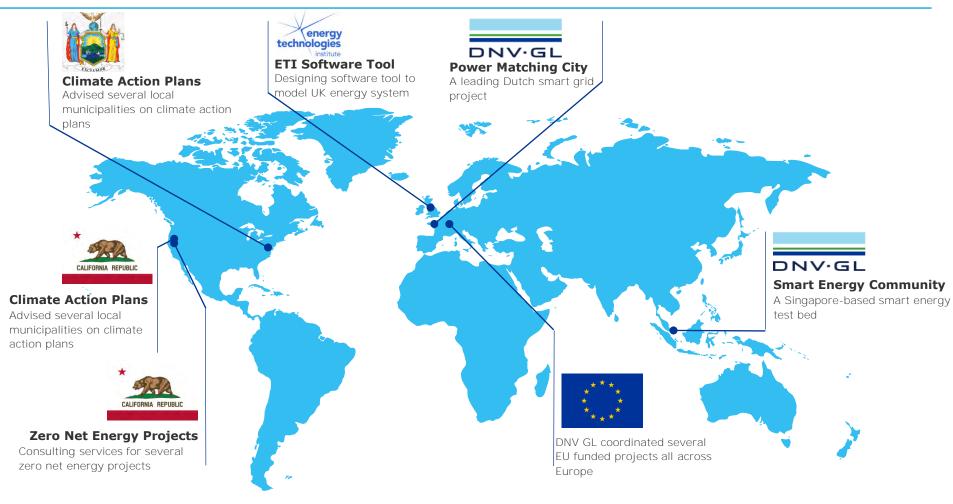
- Power systems planning & design
- Operational excellence
- Grid hardening & resiliency
- Asset management
- Renewables integration

- Energy efficiency
- Demand side management
- Data analytics
- Energy economics
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Thank you

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