

## Lundin Energy's Certified CarbonZero Barrels Key Process Steps [1/2]

## Data Collection

Data gathering and measurement of full field upstream carbon intensity Emissions Verification

Third party
(Intertek) audit
and assurance
of the carbon
intensity
calculation

Carbon Capture Project Selection

Field residual emissions neutralised through carefully selected, certified natural carbon capture (removal) projects

## NPUTS

- Historical emissions data (exploration, field development)
- Emissions data for the year of certification (production, supply chain)

- Calculation models
- In depth review and verification
- Blockchain enabled certificate issued

- Natural carbon capture (reforestation or afforestation) project due diligence
- Selection of highest-quality projects (all VCS or Gold Standard certified)

## Lundin Energy's Certified CarbonZero Barrels Key Process Steps [2/2]

Verification of Carbon Neutrality

Third party (Intertek)
audit and confirmation
that all barrels'
residual emissions
fully neutralised

CarbonZero™ Certificate

Third party (Intertek)
certification of barrels
as carbon-neutrally
produced Certificate issued

Recording of Traceability (in progress)

Certificates will be uploaded to virtual, blockchain-enabled ledger (third-party solution), ensuring transparency and no double-counting

**NPUT**8

- Carbon capture project documentation
- Proof of purchase and retirement of carbon credits
- Final review by certification body (Intertek) against the CarbonZero<sup>™</sup> standard requirements
- Blockchain enabled certificate of carbon neutrality issued

- Virtualised and physical copies of CarbonZero<sup>™</sup> certificates
- Sales and production data of each field



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