carl

Corporate ALFEN

High-Stakes - Industrials

2017

CIA ID
8e3bbb7c-403c-4a25-b8ee-d54c431334e4

ISIN
NL0012817175

Total Revenue
74 EUR million

Description

Alfen Beheer BV (Alfen) is a company based in the Netherlands, engaged in the design, development and production of electric grid equipment. The Company is active in three business lines: Smart Grids, which supplies standardized electricity grid connection systems, secondary transformer substations, local power grids, devices for grid automation,...
See more

Overall Rating

A

Overall Conclusion

Alfen is engaged is the production of energy equipment. The company has an overall rating of A. Alfen's induced emissions amount to 72,872 tCO2e. This comes largely from its Smart Grid segment, accounting for 77% of the company's revenues. The significant emissions savings (-13,369 tCO2e) allow Alfen to obtain a CIR of around 0.18, meaning that emissions savings from sales of energy equipment amount to around 1/5th of the company's induced emissions. The company already achieved its objectives for 2017 and plans to set a new target in 2018 at the time of this analysis, leading to the highest overall rating.

Quantitative Analysis

Induced Emissions
(Absolute, Double counting not accounted for)

72 872

tCO2e

Emissions Savings
(Absolute, Double counting not accounted for)

-13 368

tCO2e

Carbon Impact Ratio

0.18

Induced Emissions Intensity
(Double counting not accounted for)

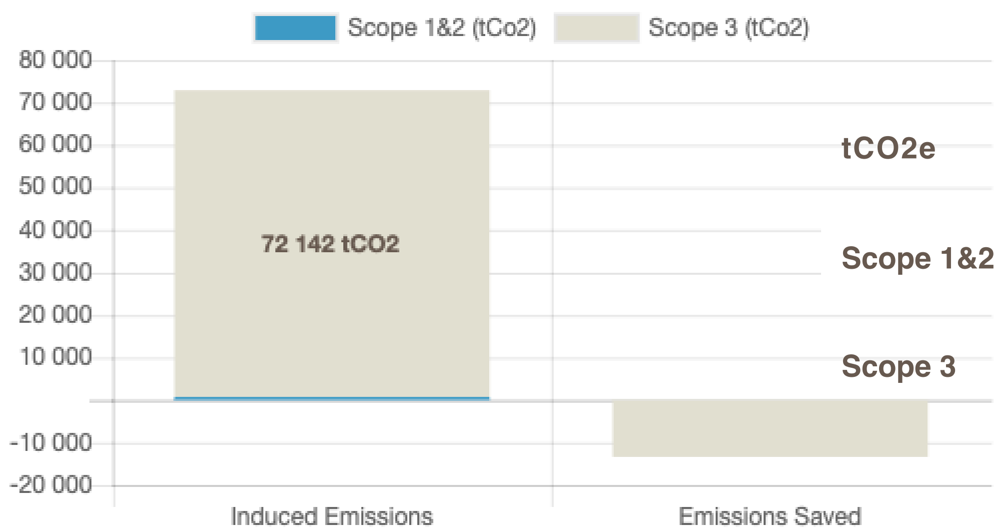
Emissions Savings Intensity
(Double counting not accounted for)

342.12

tCO2e/M€

-62.76

tCO2e/M€



tCO2e	Induced Emissions	Emissions Savings
Scope 1&2	729	0
Scope 3	72 142	-13 368

Revenue Green Share

12 %

Revenue Brown Share

0 %

Qualitative Analysis

Transparency

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Forward Looking

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Transparency

The Company/Group reports its emissions clearly and transparently, but emissions are either difficult to verify (no/incomplete activity data) OR cover only Scope 1 & 2 (no Scope 3, if relevant).

Strategy

The Company demonstrates expertise in the integration of renewable energy, electricity storage as well as demand management through its activities related to electric grid equipments.

Investments and projects in high stake GHG-related issues for the industry

The weight of 'energy transition' investments (renewable integration, electricity storage and demand management) represents most of the Company turnover, as it concerns most of its activities.

Reduction target of Scope 1&2 emissions intensity

The Company has reached most of its objectives for 2017 (reducing scope 1 emissions lower than 664 kgCO2) and plans to set new targets for 2018 and beyond.

Calculation Boundary

From the following list of usable sources, we have highlighted those used for data calculations.

Upstream	Operational	Downstream
Upstream raw materials	Scope 1	Downstream use of products
Upstream deforestation	Scope 2	Downstream fossil fuel combustion
Upstream packaging		Downstream owned buildings
Upstream externalized freight		Downstream use of infrastructure
Upstream fossil fuels		Downstream waste treatment
Upstream plant construction		

Calculation Methodology

Scope 1&2 calculation

Reported (source: corporate publication) and consistent with CIA estimations (729 tCO2e).

Scope 3 calculation

For equipment manufacturing, we estimate Scope 3 emissions (72 143 tCO2e) induced by the downstream use of sold products over their useful life.

Comments and limits

The Energy Storage Systems segment, as well as services in the EV Charging Equipment segment (together 11% of revenue), were not covered in scope 3 emissions and emissions savings estimations. Such activities are not currently covered by the CIA methodology.

Emissions savings

For equipment manufacturing, emissions savings correspond to the Scope 3 emissions avoided downstream through the use of more energy efficient or low-carbon products over their useful life (-13 369 tCO2e) . Emissions savings (0 tCO2e) may also be attributed based on the Company's reduction in operational carbon intensity (% reduction in tCO2e per non-monetary product unit over the last 5 years).

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