

Fiven Norge & Soft Funding

Feb. 2022, Pål Runde





The origins of our company can be traced back to 1912, when **Sam Eyde** founded our factory in Eydehavn.

We have been **operating in Norway for almost 110 years**, still working in the entrepreneurial spirit of our founder.

 HQ Oslo, Norway

 6 production sites

 Bond listed at Nasdaq Nordics

 4 office locations

Portfolio company since May 2019



OPENGATE CAPITAL
REALIZING POTENTIAL

€99.2m

Total revenue
2020

Exporting to

49

different countries

Serving

400

customer groups

519

Employees



FIVEN

Fiven in Norway



280

Employees in Norway



47,3M€

Turnover in Norway



2 production locations



HQ of Fiven Group



Lillesand



Eydehavn

FIVEN

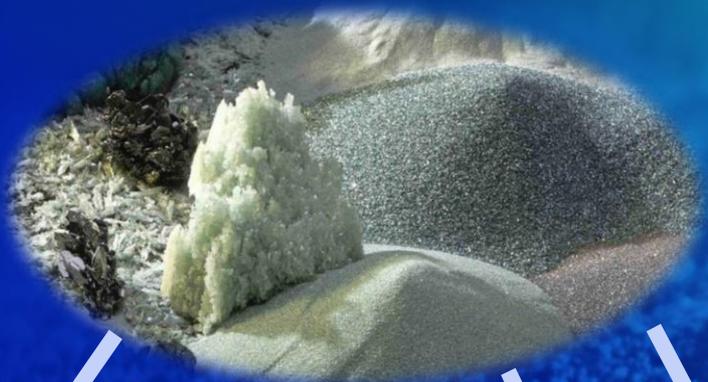


Silicon Carbide (SiC) is a synthetic material with outstanding properties

Leadership positions

- Worldwide leader in **ceramics**
- Leader in **Europe**
- Leader in **South America**

SiC powder is used in a large variety of industrial applications



Components for semiconductor production

Components for EVs

Exhaust gas filtration

Fuel cells

Sales by segment (2020)

Worldwide

37%
Specialized

Norway

77%
Specialized

Specialized:

High added value products
Standard: Commodity products for abrasives, metallurgy and refractories



Soft Funding – Three Examples

1

3D-Printing of SiC

2

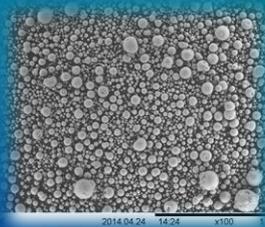
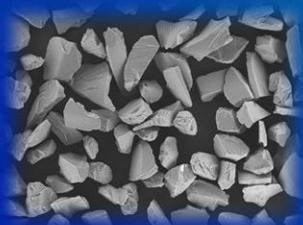
Development of super pure SiC (99.999% → Five N)

3

Sustainable SiC production → “Furnace Closing Project”

1

3D-Printing of SiC



Industrial Ph.D

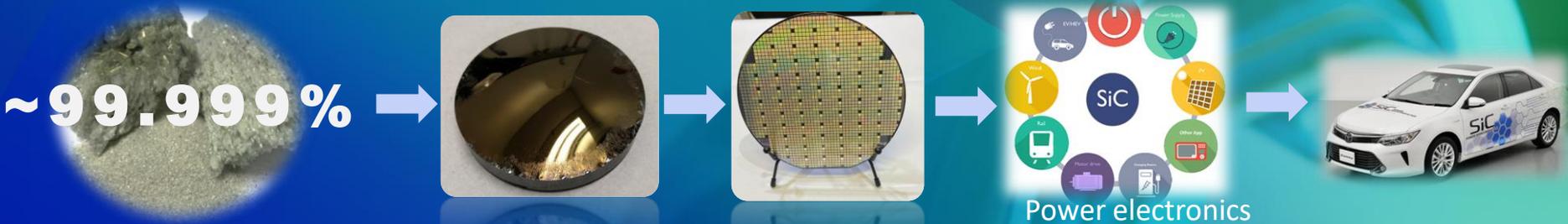
- 3- or 4-year program administrated by NRC
- Cooperation between NTNU and Fiven Norge
- Approx. 450 kNOK / year support
- No application deadlines
- "Easy to apply, easy to get approved"

Skattefunn

- Industrial Ph.D project is part of a larger project supported by Skattefunn



2 Development of super pure SiC



R&D Phase

- Support from RFF – Regionalt Forskningsfond
- Together with ReSiTec, Sintef and international partner

Pilot phase

- Support from Innovation Norway

Full scale demonstration phase next



3 Sustainable SiC-production in Norway *Background*

Can we address

- *Dust issues*
- *PAH emissions*
- *SO₂ and smell*
- *CO₂ emissions*

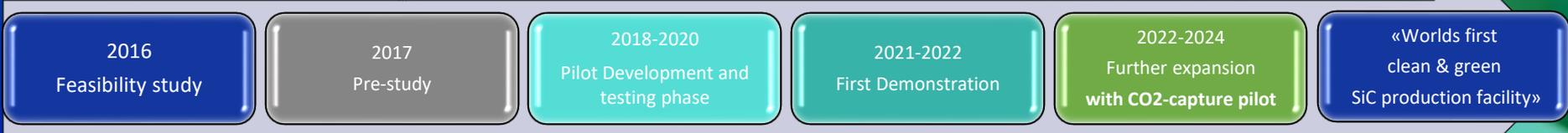
in a single sustainability project ?



Yes, if we move from open furnaces.....

.....to closed furnaces and a gas cleaning facility

3 Sustainable SiC-production



Study related to energy recovery



Full scale pilot furnace program. Design, build and demonstrate



Investment support

Additional support related to

- Biocarbon
- CO₂-capture
- Energy recovery
- Training

Have started working on various funding schemes.....



FIVEN

**WE SHAPE
INDUSTRIES**