



# 5x Improvement in Silicon Carbide Production

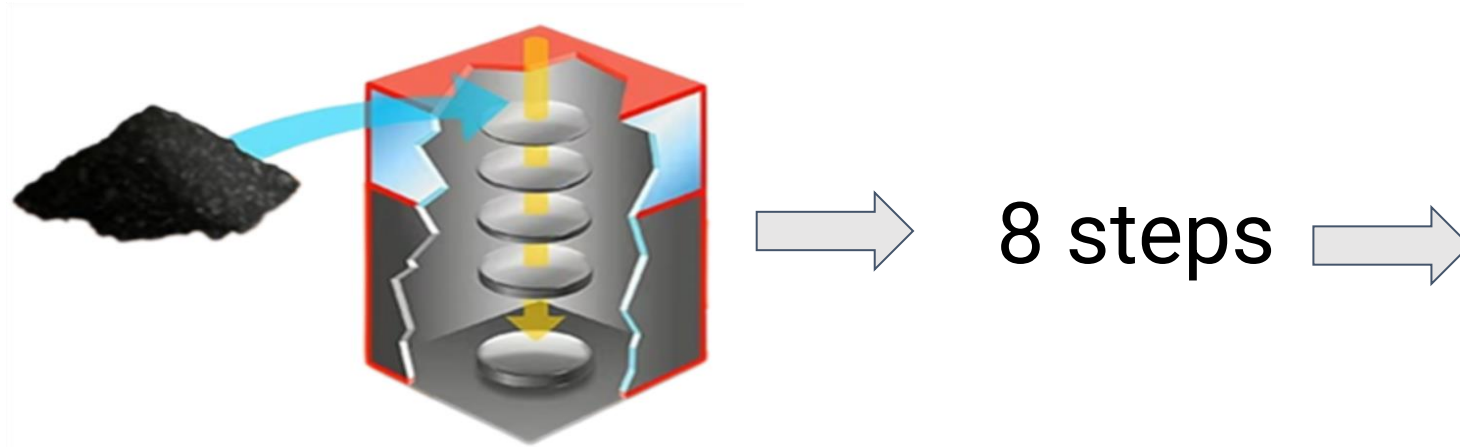
Critical raw material for fast-charging, electric vehicles, renewable energy and storage



REPUBLIC OF ESTONIA  
MINISTRY OF CLIMATE



# Silicon Carbide (SiC) wafers are critical component for 5 fast growing markets

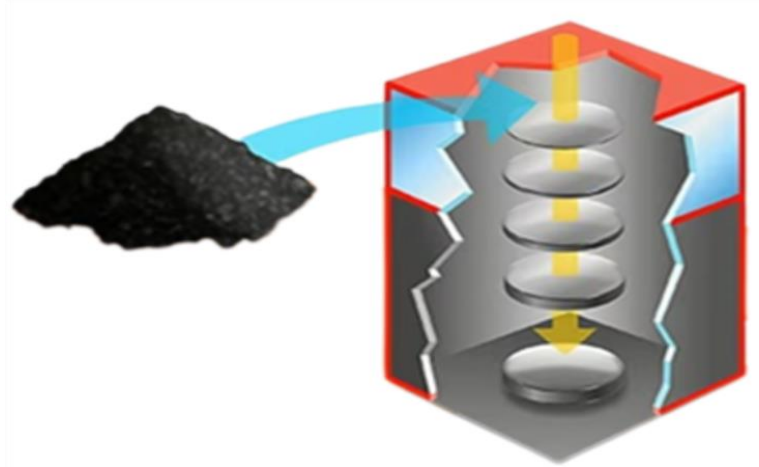


Growing Silicon Carbide Crystals in a Crucible



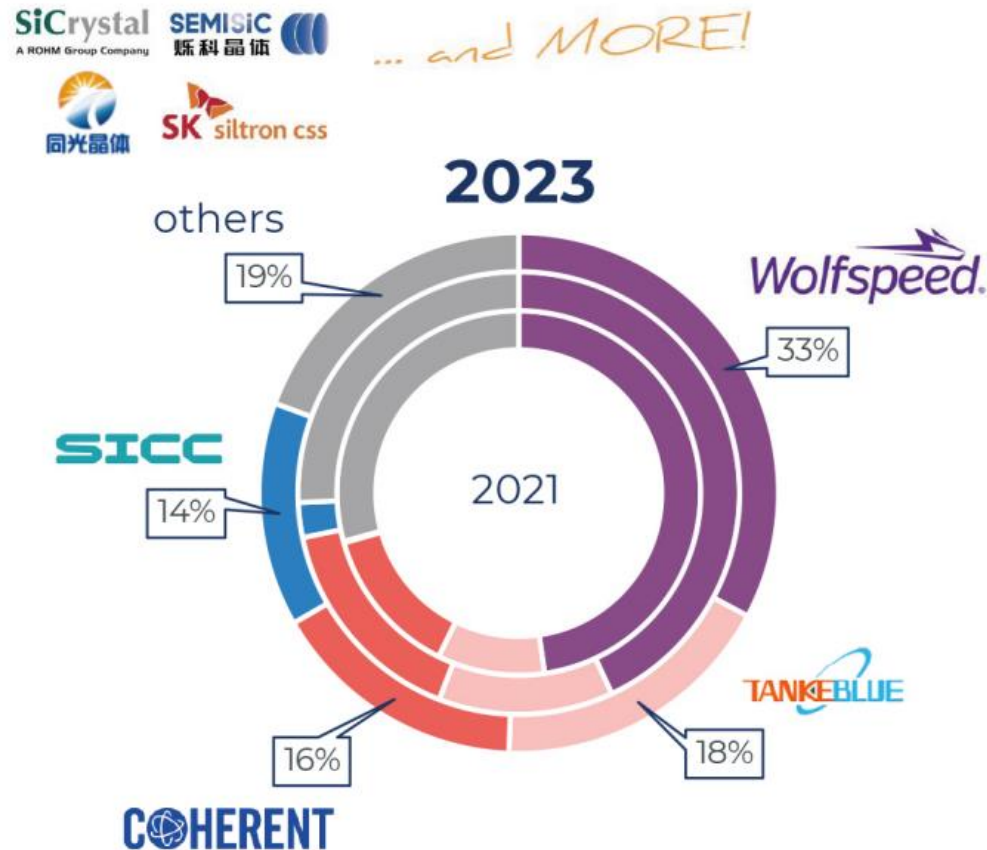
- high-voltage applications
- fast-charging
- electric vehicles
- renewable energy
- storage

# Graphite Crucibles Limit the Expected Usage 3x Growth of \$4B Silicon Carbide Wafer Market



- average **yield only 50%**
- can be used only 1-2 times
- no recycling

# US and Europe Players are Losing Market Share on Growing SiC Market



## 2021-2023

- Wolfspeed (US) -15%
- Tankenblue (China) +13%

**Clyza's novel recyclable crucible offers**

**5x More Cycles**

**+30% Yield**

**+25% Gross Margin**

**no significant investment**

# Targeting 7,5M € ARR in 2027

LICENSING

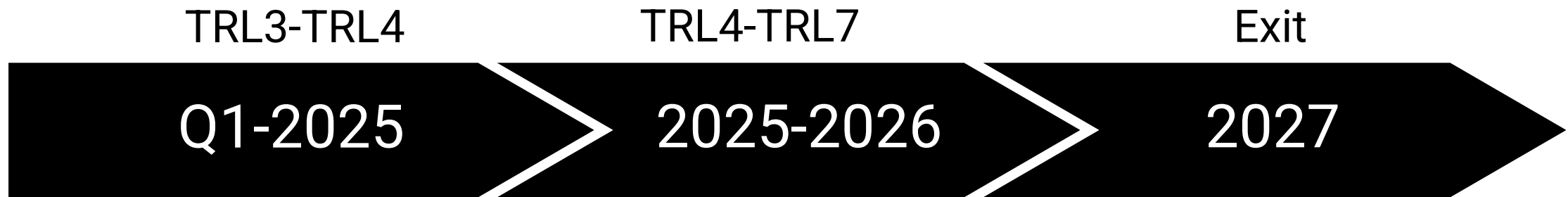
technology for the next level

SiC crystal growth

# 3 LOIs with clients who can't wait to test

- One patent application in preparation
- Potential lead investor with SiC industry knowledge
- Clean cap table

# Exit to growing industry in 2027



- Convertible note 350K €
- Client tests and R&D

- Pre-Seed 777K €
- Grants 2M €
- Client tests and R&D
- Patents applications

**Exit valuation**  
From:  
100M - 500M €

- *TRL 3: Experimental proof of concept is established, marking the commencement of active analytical and laboratory research.*
- *TRL 4: Technology validation occurs in the lab, where critical components are designed, developed, and tested.*
- *TRL 5: Technology is validated in a relevant environment, thoroughly tested both in the lab and in an appropriate simulated setting.*



# Raising € 350K convertible note

- Testing technology with 3 clients
  - Reaching TRL5 by Q3-2025
  - Leveraging the round with a grant
- 
- *TRL 5: Technology is validated in a relevant environment, thoroughly tested both in the lab and in an appropriate simulated setting.*
  - *TRL 6: Technology is demonstrated in a relevant environment, further developed based on real-world problems.*
  - *TRL 7: The technology (prototype) is tested and demonstrated in an operational environment.*

# Using 30+ years of industry experience to solve a really hard problem of €4B market

Clyza international R&D team is working with the best people in Silicon Carbide (SiC) industry.

**Andres Labi**  
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## Solution

Clyza is developing sustainable solution to make Silicon Carbide (SiC) products 25% more efficient

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