# Disrupting the SiC Market

Agnes Jahnke | Product Marketing Manager SiC & GaN

xfab

Silicon carbide market perspective

xfab

TODAY		2026
30% ≥1,200 V	Products	50% ≥1,200 V
90% IDMs (STM, Infineon, OnSemi)	Players	IDMs and Fabless
1.9 $bn	Market size	6.6 $bn
584k	Wafer shipments	1,932k
8%	SiC share	20%

Transition to higher SiC adoption →
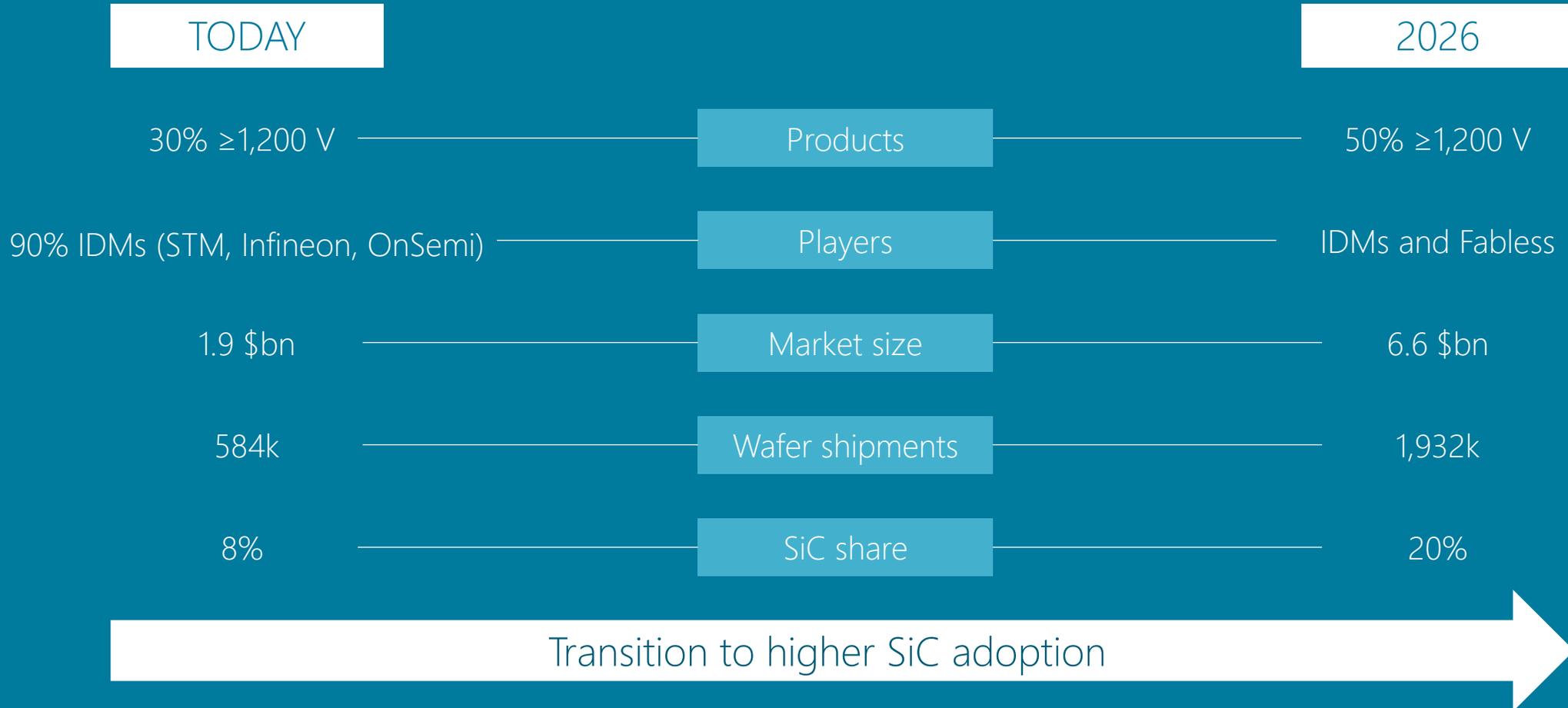
SiC application – from niche to mainstream

The benefits of SiC start to overcome its growing pains
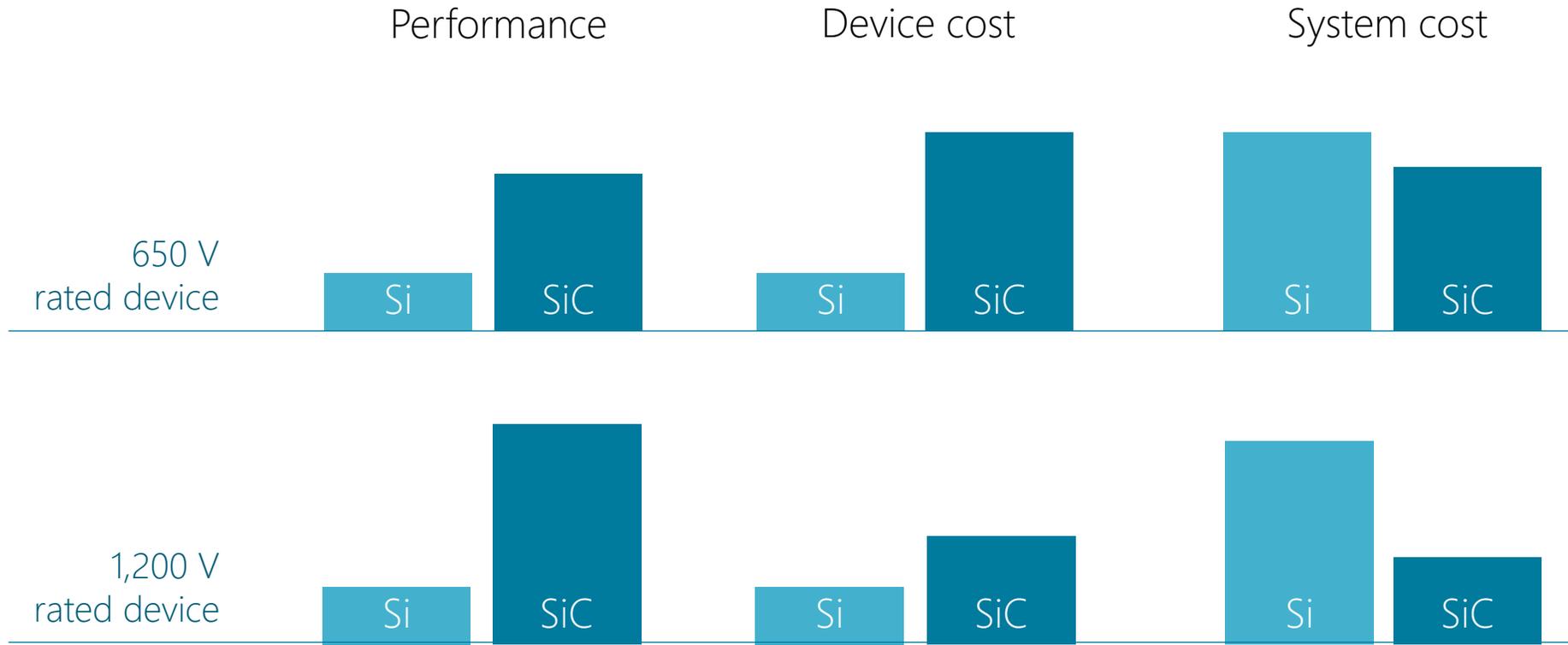
We are powering innovation

We enable fabless companies to compete in this market with highly competitive products disrupting the SiC market

Product leadership

1. Customized products
2. Industry leading device yields
3. Outstanding device performance

Value Creation
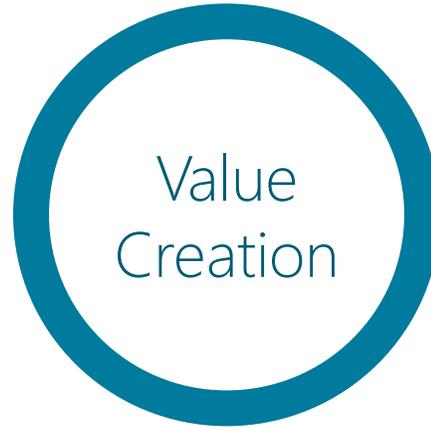
Market leadership

1. Faster time to market
2. Guaranteed supply through LTA agreements
3. Good cost efficiency

Technology leadership

1. Highest level technology know-how & best in class equipment
2. Synergies from epitaxy and SiC technologies
3. IP protection / no competition to our customers

In the sweet spot of the SiC supply chain

Our focus on SiC wafer epitaxy and chip processing allows for pinpointed investments

| SiC boule growing, ingot slicing, substrate grinding | Technology and IP Development | SiC wafer epitaxy | SiC wafer processing | SiC diode or transistor design | Device packaging | SiC system manufacturing |

Fully vertically Integrated Device Manufactures (investments into building, equipment, engineering)

X-FAB (technology expertise and ramp)   Our customers

xfab

Leading the silicon carbide foundry market

We continue to grow

2022		2026

30 SiC customers   **+50%**   →   SiC customers 45

$55M SiC revenue   **+500%**   →   SiC revenue $300 – 350M

40k SiC capacity   **+430%**   →   SiC capacity 210k

7% X-FAB market share   **+60%**   →   X-FAB market share 11%
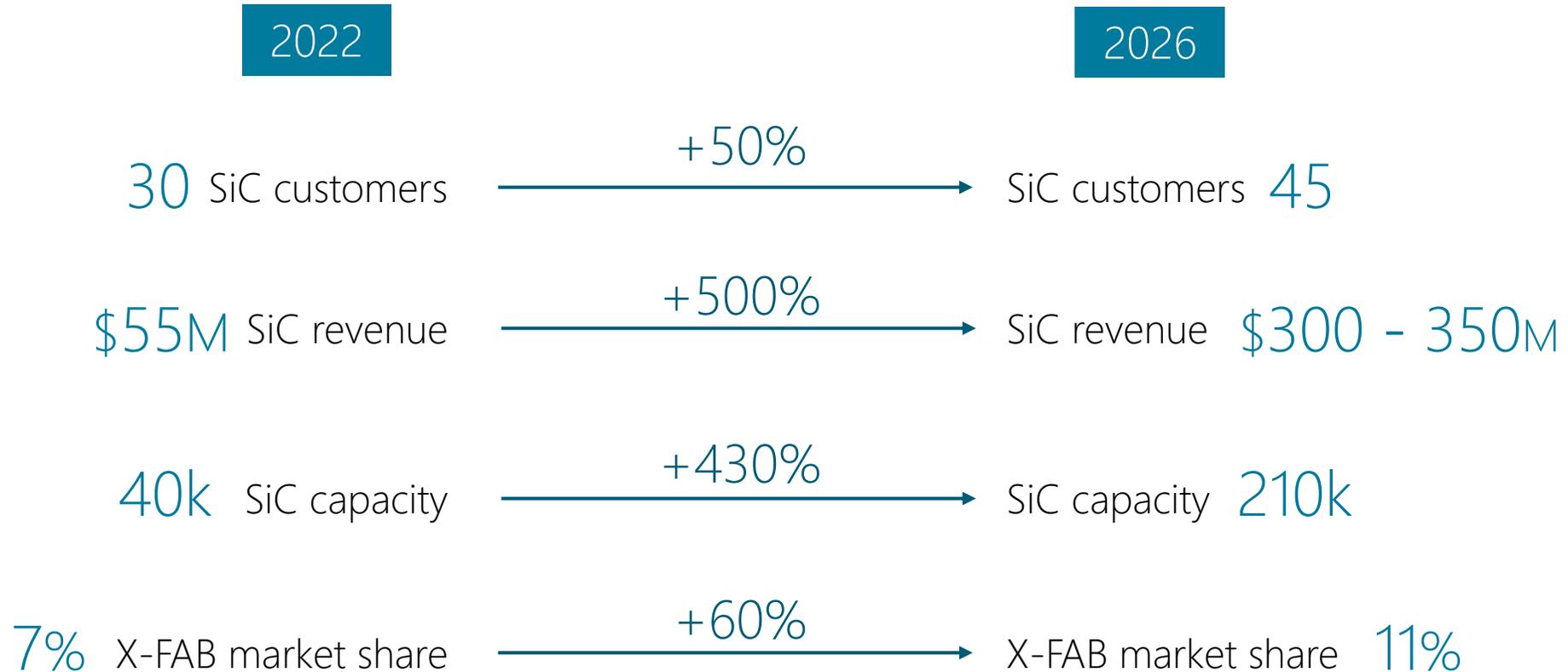
X-FAB – the number one foundry for SiC

xfab

> The SiC market is growing. SiC will be in **around 20% of all power electronics** in 2026.

> SiC is going **from niche to mainstream** application, gaining market share in high-power applications.

> We enable **fabless companies** to compete in this market with **highly competitive products** entering the SiC market.

> We are in the **sweet spot of the SiC supply chain**. Our focus on SiC wafer epitaxy and chip processing allows for **pinpointed investments**.

> We were **early adaptors**. This is why we are **successful now**.

Thank you.

xfab.com