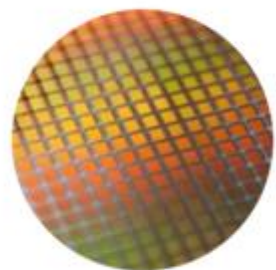


AKB 2021

Introduction X-FAB France

X-FAB company snapshot



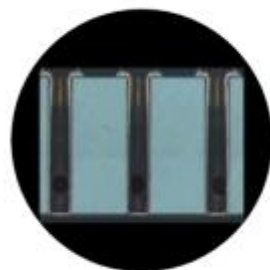
CMOS & SOI

13 process families with over 450 options



MEMS

MEMS with or without integrated CMOS



Heterogeneous integration

3D integration and wafer level package solutions

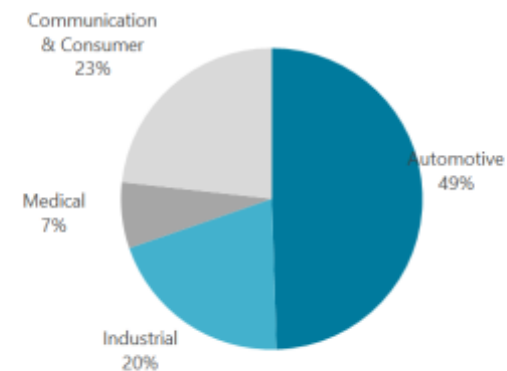


SiC & GaN

First 6-inch SiC foundry offering worldwide

Revenue by market segment

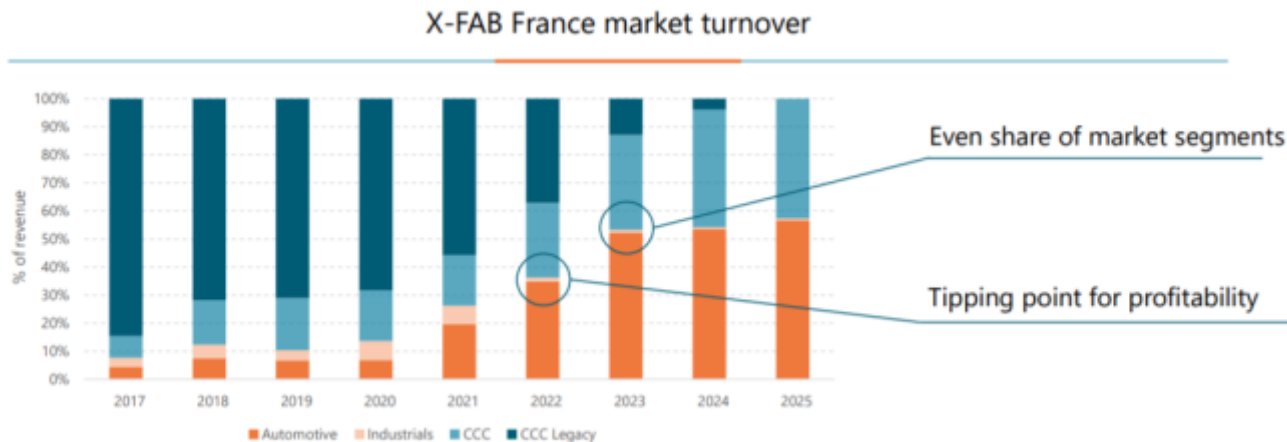
(full year 2020)



- > R&D investments ~ 6 % of sales
- > Distributed network of experts across all sites
 - Materials and processes
 - Components and integrated device technologies
 - Design Enablement



- > Altis Semiconductor acquired by X-FAB in Oct 2016
 - Site revenues mostly were derived from RF mobile applications → active transition to 50/50 diversification with automotive
 - Core competencies in RF Technology integrated within X-FAB as complementary business and skills
- > Looking ahead ... Device technology solutions for 5G/6G requires innovative device technology platforms
 - More bandwidth – mmW frequencies
 - Higher data rates - linearity to support higher order modulation schemes
 - Energy efficiency



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- > Looking forward to becoming an active contributor to the bipolar working group
 - RF-SOI – if there is community interest
 - 3D heterogeneous integration of RF GaN
 - SiGe BiCMOS – collaborations with IHP

- > For more information ... contact Greg U'Ren (guren@xfab.com)

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Thank you.



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