



xfab

SEMICON[®]
EUROPA

Your specialty foundry
FOR THE ANALOG WORLD

Ayda Iranzadeh

Digital Transformation Program Manager

XFAB MEMS Foundry Itzehoe, Germany

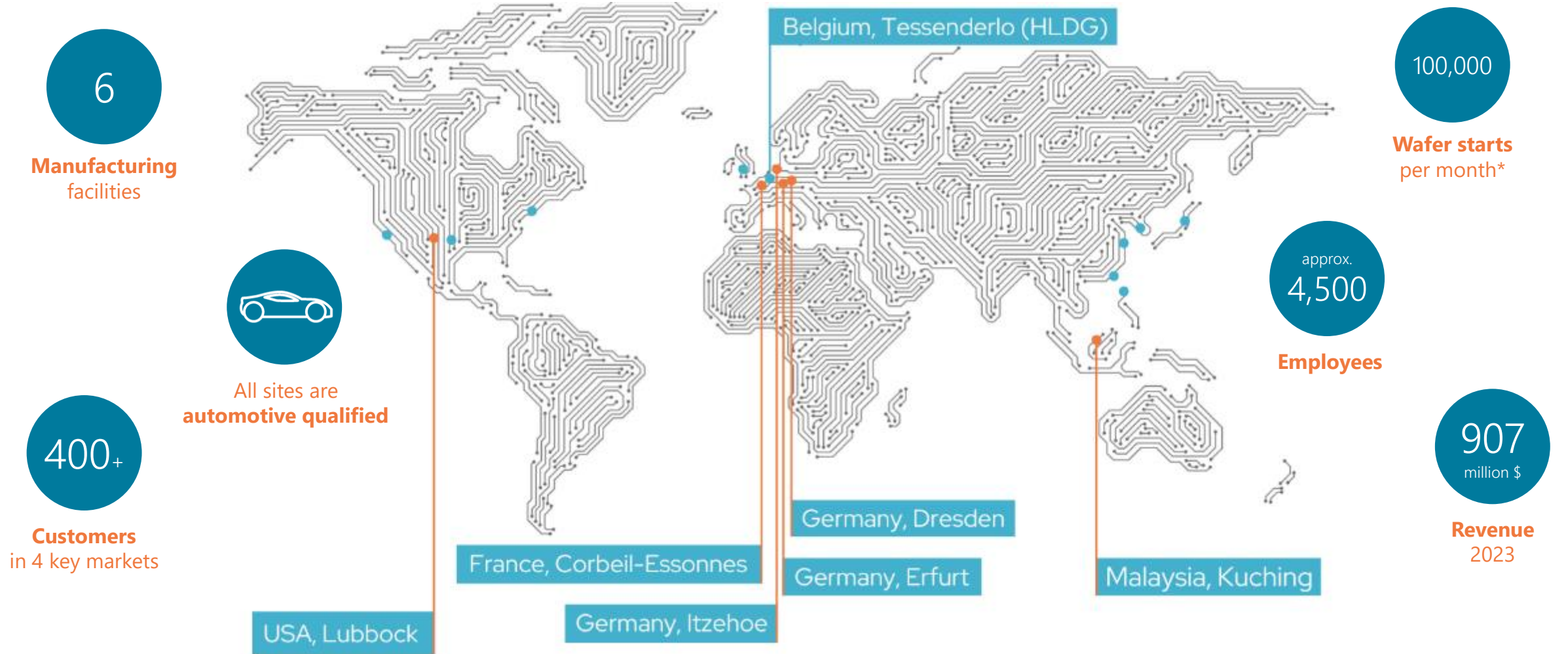
Academic background:

- Master of Business Administration
 - Bachelor of Industrial Engineering
 - Certified Project Manager
- Specialized in Earned Value Management

Professional Experiences:

- Program Management
- Production Management
- Project Management

X-FAB at a glance



● Fabs/subsidiaries

● Sales offices

* 200mm equivalent

Serving the strongest growing end markets



Automotive

- › Electrification
- › Improved safety
- › ADAS
- › Environmental protection
- › Connected cars and services

Industrial

- › Power management
- › Factory automation
- › Intelligent drive and motor control
- › Smart buildings and cities

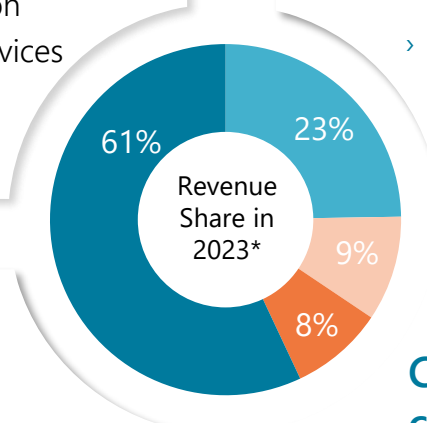


Medical

- › Personal medical devices
- › Medical equipment
- › Lab-on-a-chip

Consumer, Communications, Computer

- › Smart home
- › Connectivity
- › Communication
- › Appliances and HVAC



ADAS = Advanced Driver Assistance System, HVAC = Heating, Ventilation and Air Conditioning

*Due to rounding differences the sum of the percentages provided in the pie chart may not be 100%.

Semiconductor Industry → where innovation wins value

- Infrastructure needs to embrace 21st century digital innovation
 - Philippe Delorme, Schneider Electric & Mike Haigh, Mott MacDonald Group
- Build the infrastructure to support lean manufacturing
- Focus on Fab automation
 - Process automation
 - Faster and trustable data transfer
 - Data availability



STRATEGIC
PLANNING



COORDINATION



RESOURCE
MANAGEMENT



RISK
MANAGEMENT



STAKEHOLDER
COMMUNICATION

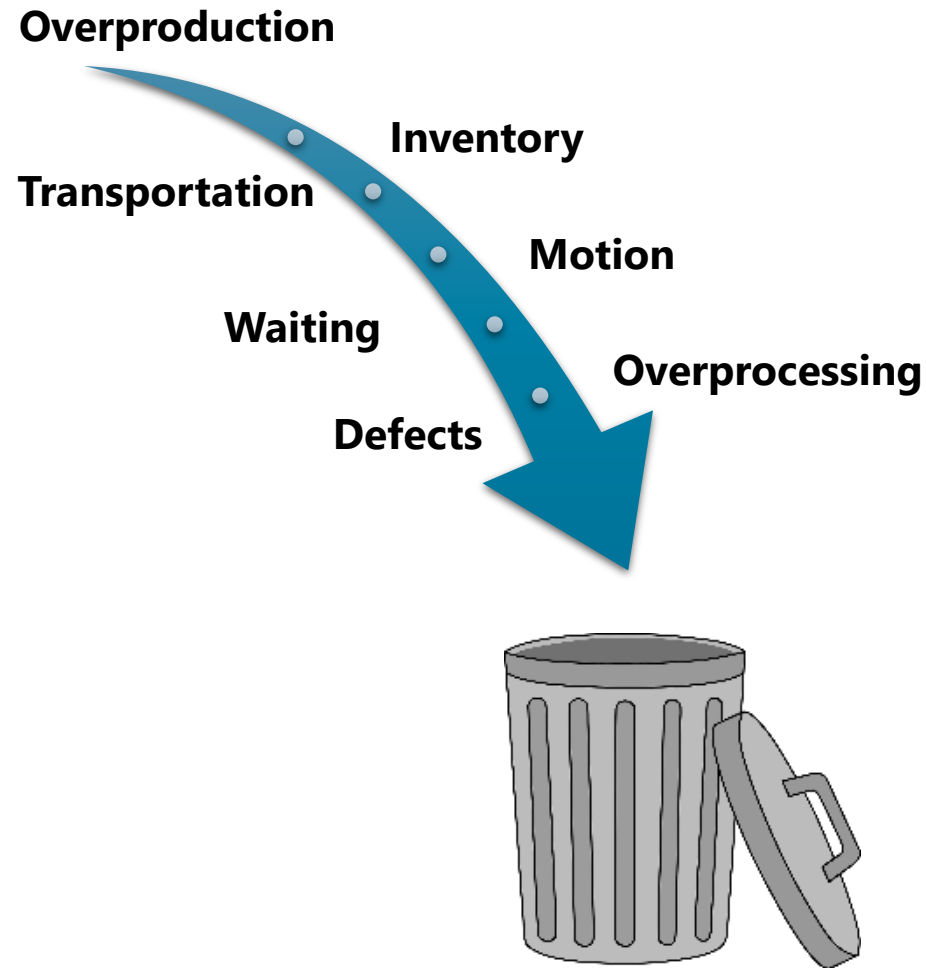


PERFORMANCE
MONITORING



CHANGE
MANAGEMENT

Navigator shows you the path



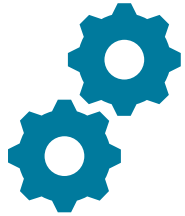
A Navigator to Fab efficiency

A Methodology shows you the path to your goals

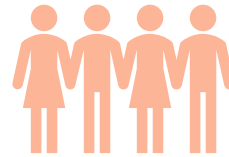
The seven wastes (MUDA)

Non-value adding activities:

1. Necessary under the current condition
2. Unnecessary and should be eliminated



Achieve high level of automation and fab efficiency



Employee satisfaction

Where people embrace changes
Where people develop innovation



Professional growth

Skills and knowledge development

A close-up photograph of a microchip on a wafer, showing intricate circuit patterns. The wafer is held by a mechanical arm with white rollers. The background is blurred, showing other parts of the manufacturing process.

xfab

Thank you.

Ayda.Iranzadeh@xfab.com



www.xfab.com