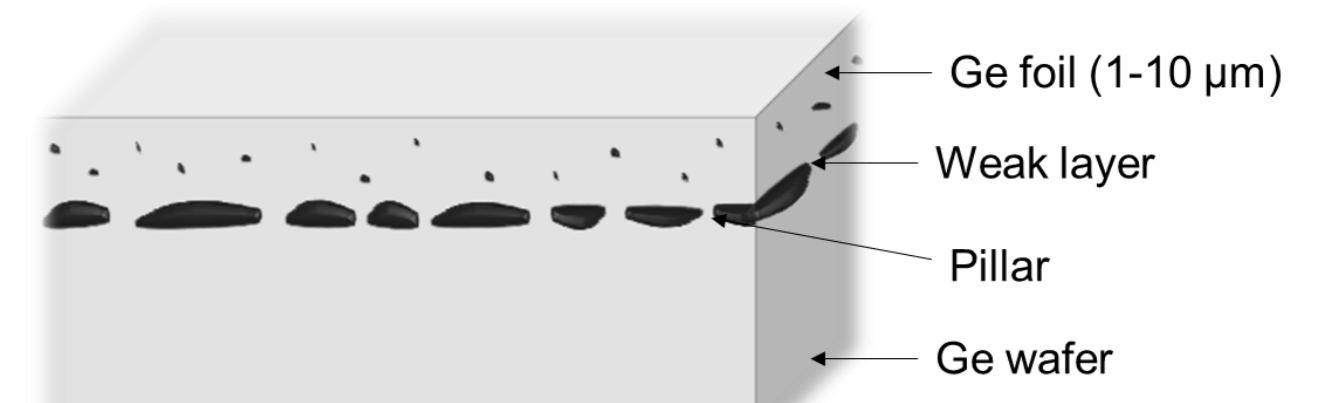
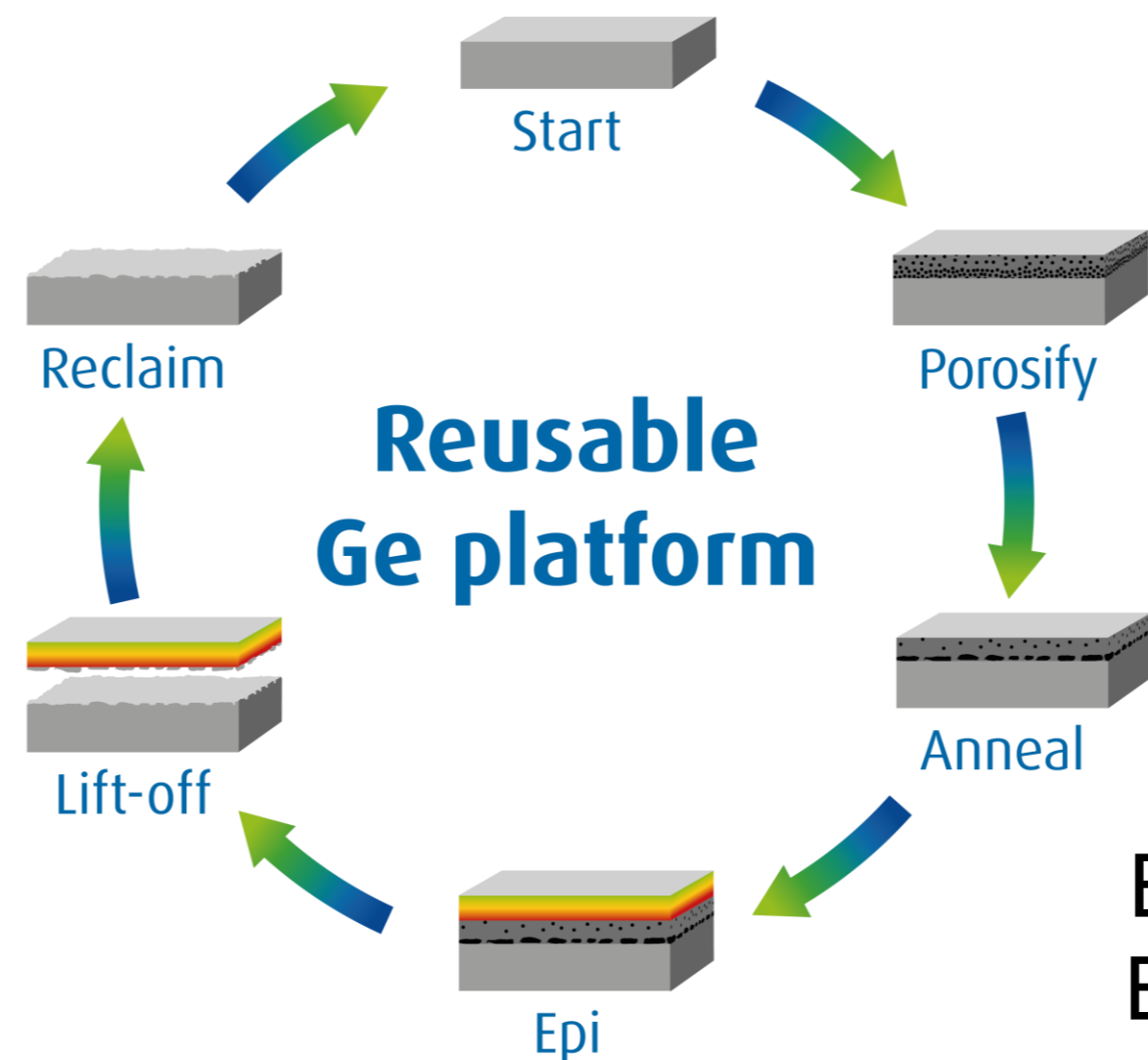
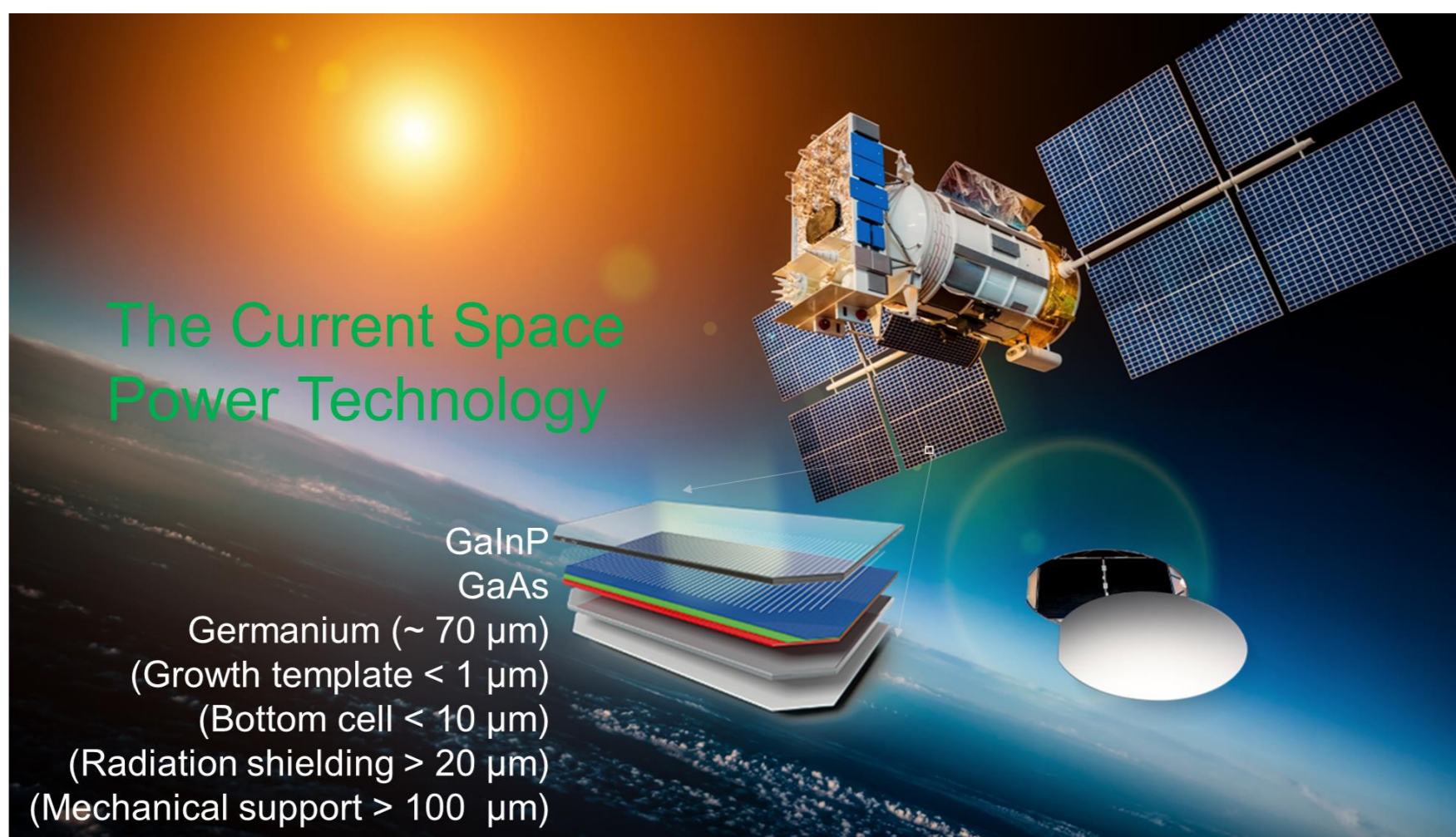


# Development of Engineered Ge Substrate for Space Solar Cells: Project status and outlook



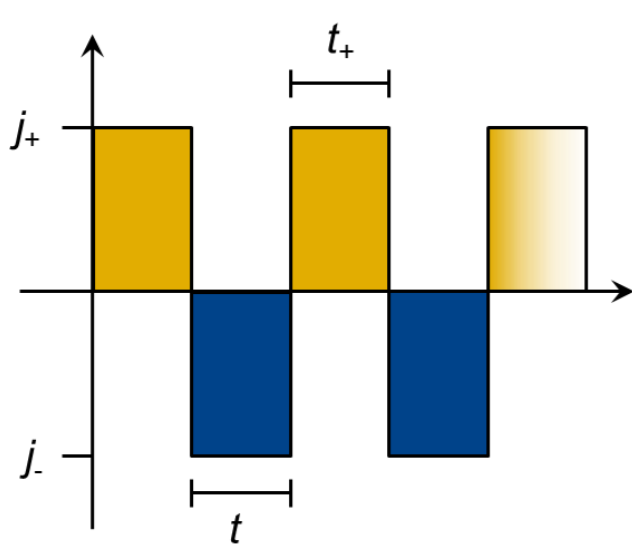
## Introduction



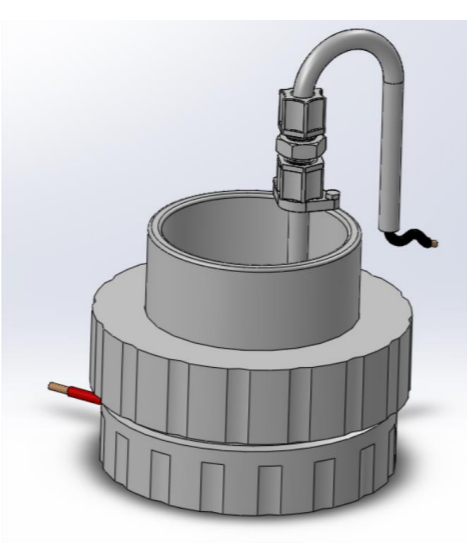
Engineered Ge substrate for space solar cells: Enabling efficient and sustainable usage of Ge

## Current state

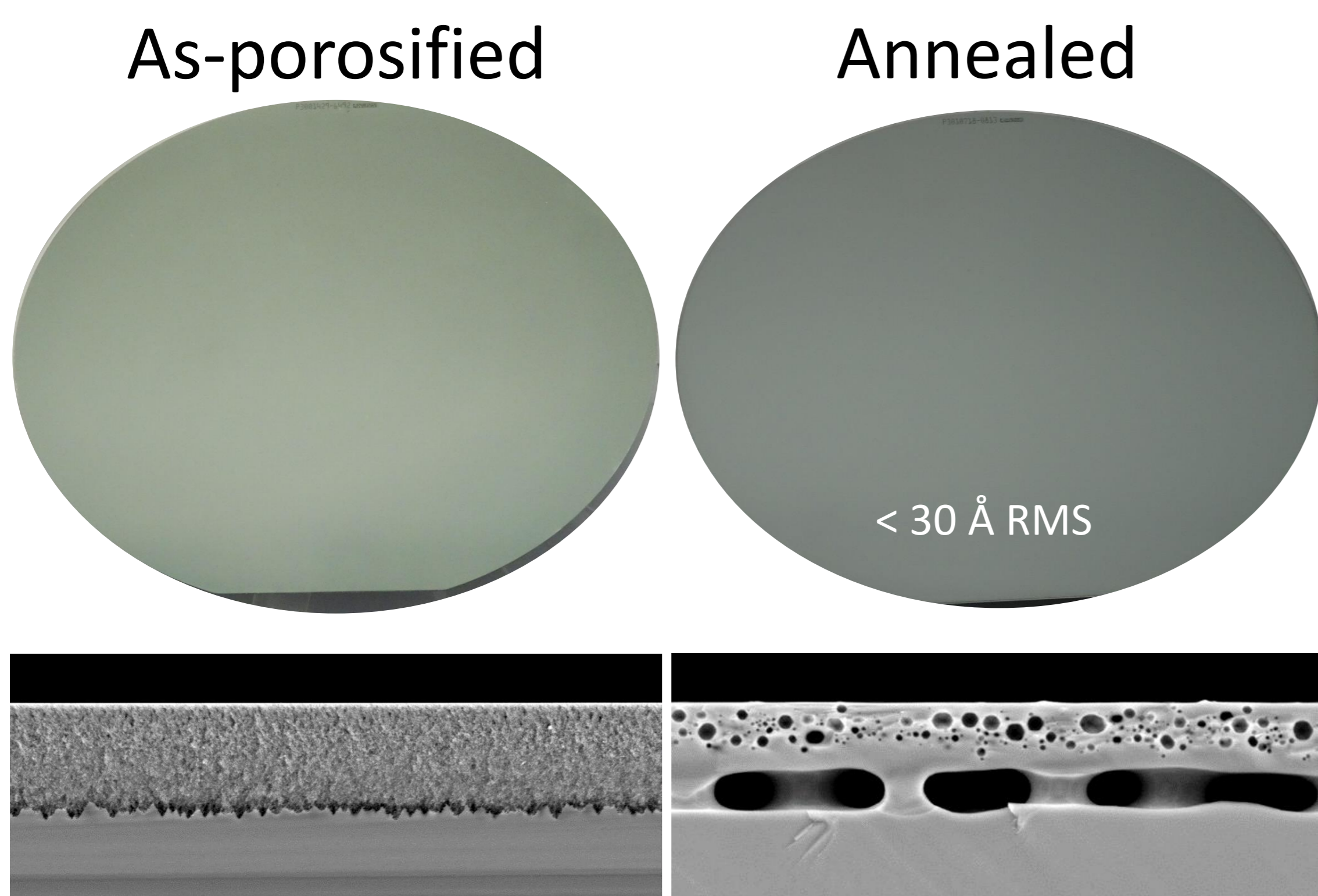
### Baseline process for 4" wafers



Process

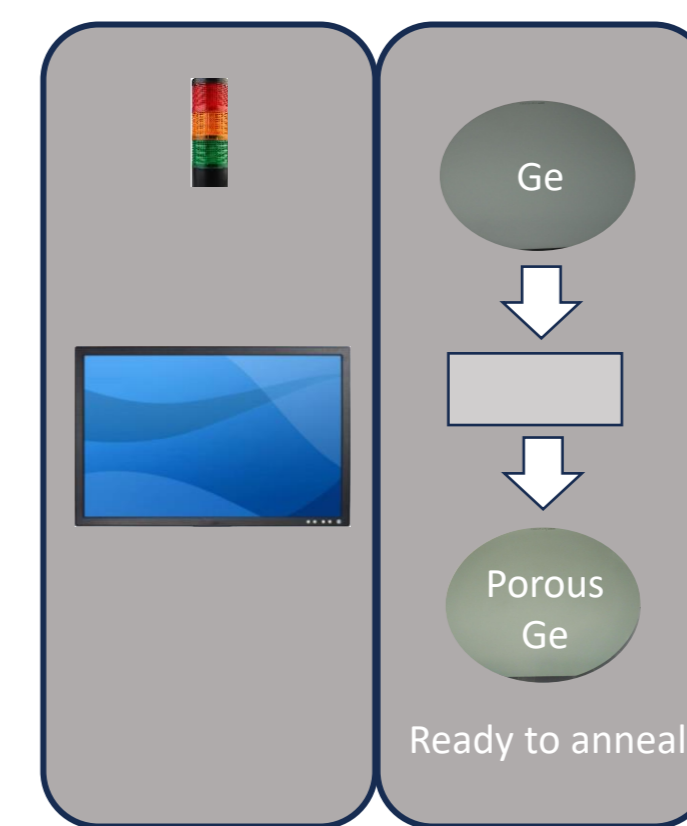


Tool

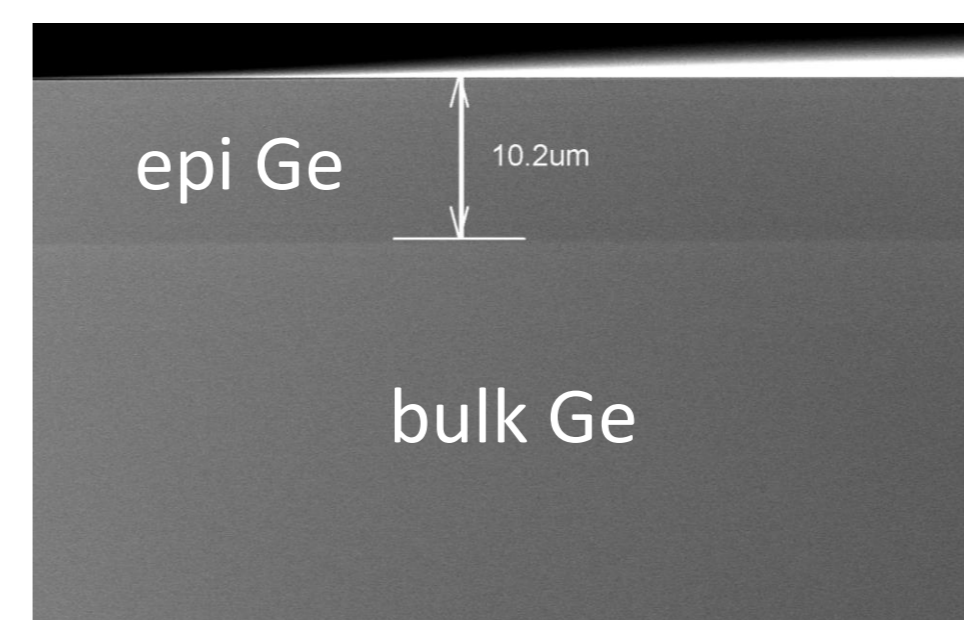


## Scaling up

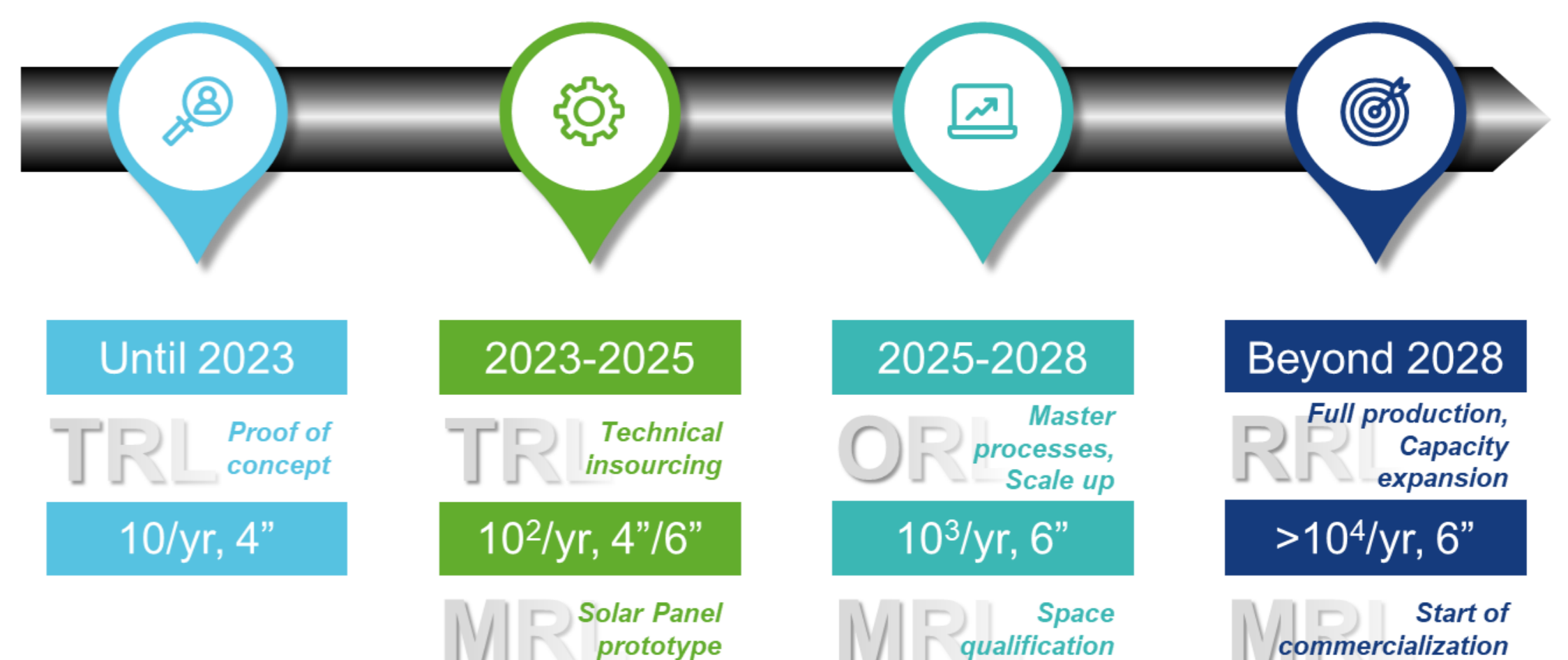
### Joint development of a semi-automated porosification tool for 6" Ge wafers



### High-throughput, high-η Ge epitaxy



## Roadmap



## Partners



## Team members

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 Unit: Electro-Optic Materials, Strategic Business Development, Olen, Belgium

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