

# **MIMM engineers**

**Diamond Technologies**  
**03/2025**

# Who are we ?

## @MIMM engineers GmbH



5

Employees

2021

Founded

I

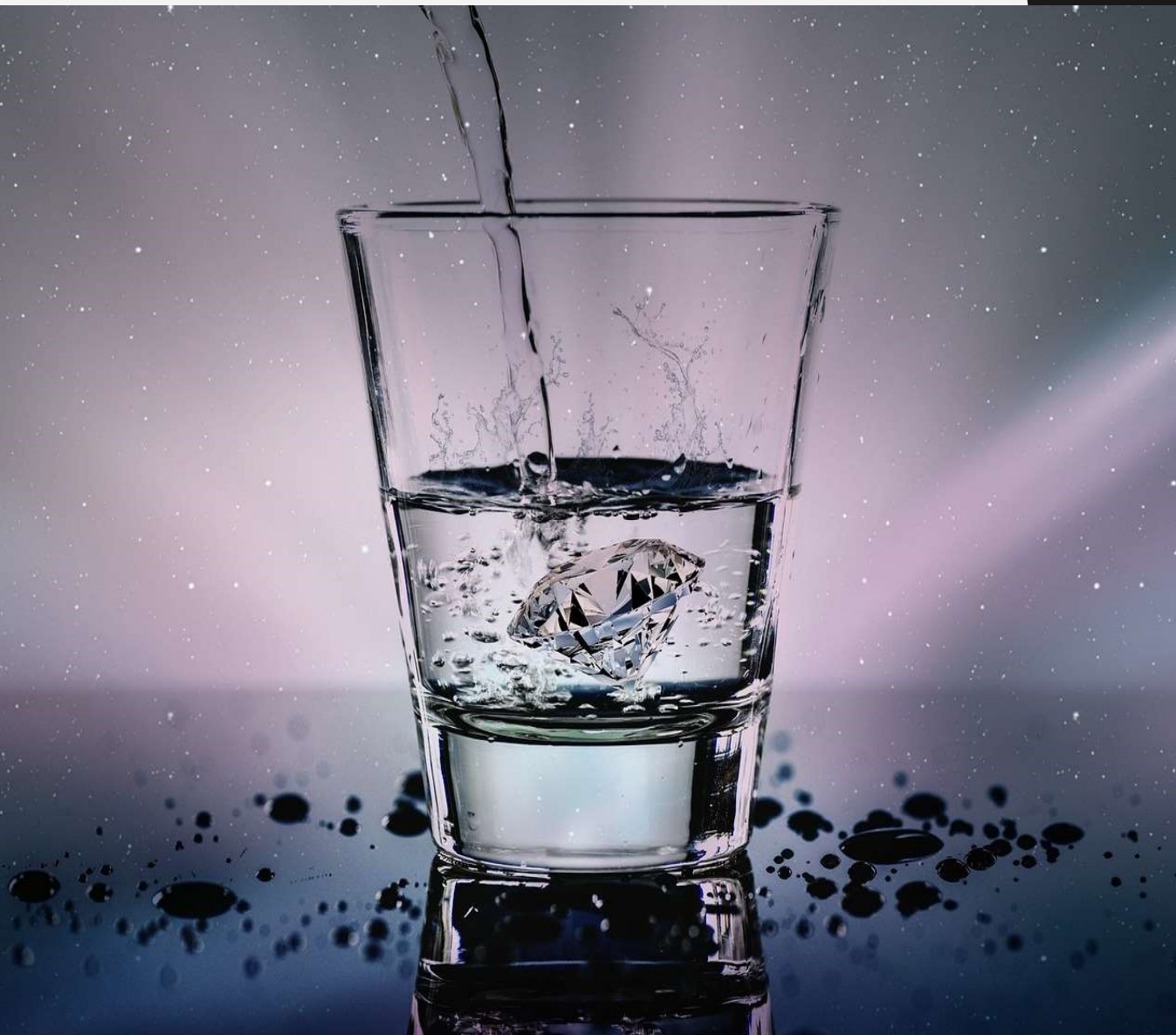
Based in Innsbruck

M

Mobile Robots

Q

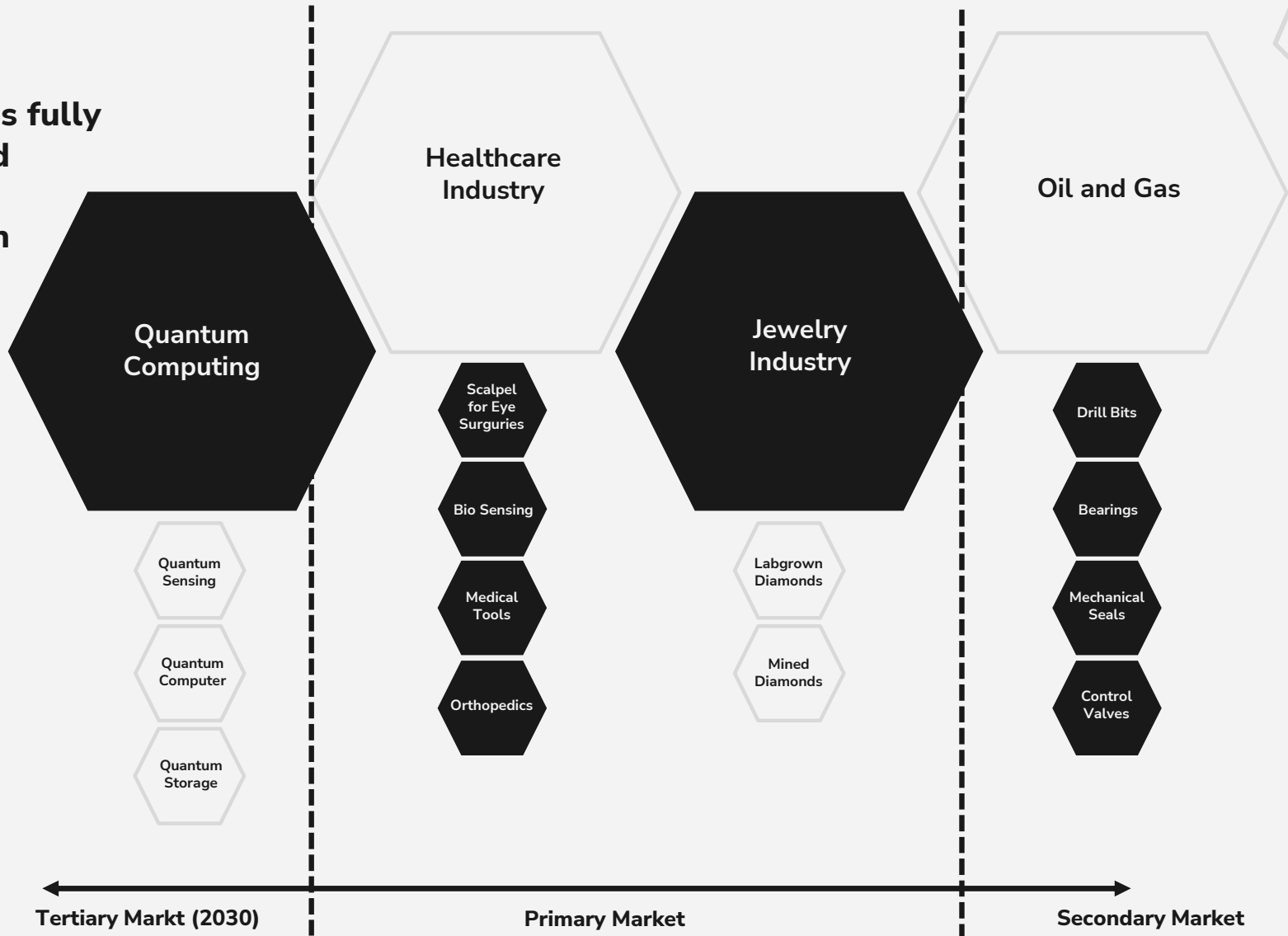
Quantum  
Technologies



# The World of Quantum

Future Market by ?  
2035?

Who needs fully automated Diamond production lines?



The Market.

**The Opportunity**

**Status Quo**

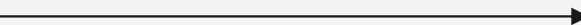
**Low wage  
hand cut of  
diamonds**

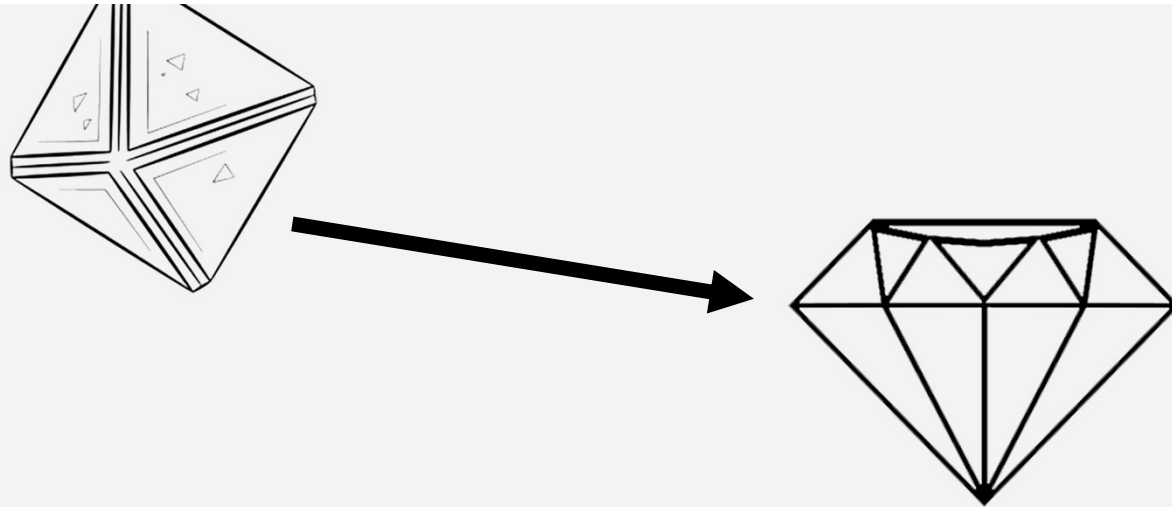
**Individual  
single stone  
production**

**Our Development**

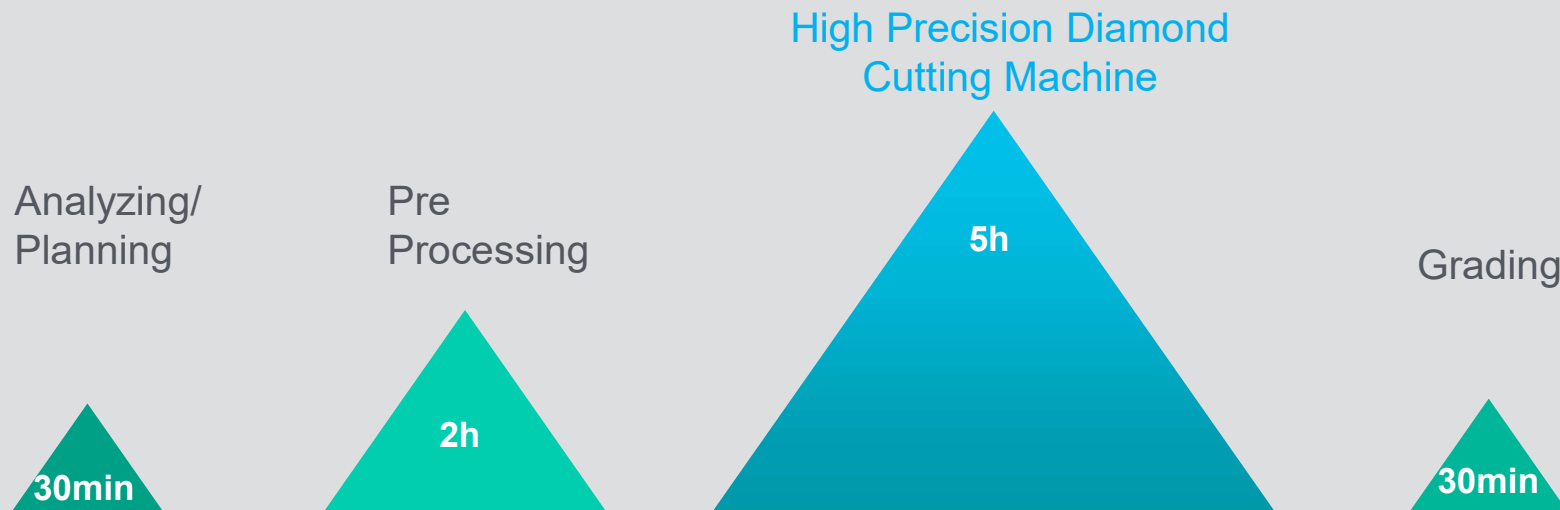
**Fully  
automated  
diamond  
production**

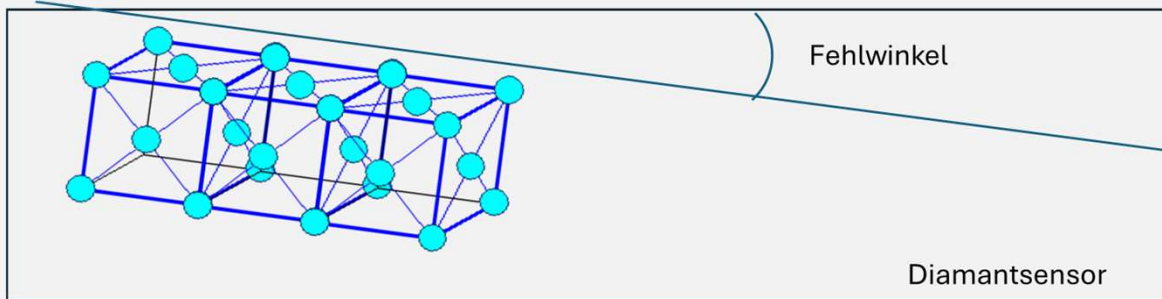
**Mass  
production  
of diamond  
products**





# Diamond Process





**What needs  
to be solved?**

$<1\mu\text{m}$

## High Precision Diamond Cutting - Roadmap

Current:  
Single Stone Machine

Future:  
Multiple Stone Machine – Mass Production



## Unique Selling Propositions

### High Precision Diamond Cutting Machine.



#### Fancy Geometries



All custom shapes and fancy stones can be produced

#### Speed



1ct. In 5h  
Much faster than hand cut

#### Staff



Less staff needed  
Scalability of production line  
min. 4 machines – 1 operator

#### Symmetry



All stones with excellent cut and symmetry.  
High repeatability of process.

#### All Cuts - One Step



Machine can cut all 57 facets  
incl. star facets  
Blocking /cutting and polishing  
in 1 step

#### Value Chain



The production line can be set up flexibly and without being tied to a specific location.

Management  
&  
Team



Andreas

**Mechanical Engineer**  
**Finance & Sales**  
**10y+**

Mechanical Engineering  
Diamond Business: Engineering, Sourcing  
Diamond Cutting Machines  
Sales Engineer  
Project Manager  
Finance & Sales & Marketing

Business Owner of  
MIMM engineers GmbH

Based in Austria



Thomas

**Software Engineer**  
**15y+**

Software Engineering  
Software for Diamond Cutting  
Big Data & AI  
Project Manager  
Automation Expert

Business Owner of  
MIMM engineers GmbH

Based in Austria



## **Unleashing the Power of Diamond Technologies.**

Andreas Mimm  
Thomas Kreuzberger

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