



# Tommi Tikkanen

Robotics Engineer & Team Leader at Gim Oy

Main product: GimNavi

Aim: To enable a better quality of life with autonomous, safe and zero-emission mobile machinery



- gimltd.fi
- @GIM\_Ltd
- GIM Ltd.
- GenericIntelligentMachines

## Autonomous, safe and green mobile machinery

### The project

#### The idea

We provide all-in software to automate different machines and vehicles for other manufacturers. We typically start with an integration project, where our software and navigation sensors are installed on the vehicles or applications of the client.

**“With a positive attitude towards everyone’s ideas and empowering employees to do what motivates them, we would all get much further.”**

#### Inspiration

We believe that robotisation is the next big technology leap after telecommunications and the internet. Self-driving electric machines and cars will minimise emissions, liberate people from less challenging tasks, and offer a much better service level.

#### Unique selling points

Our navigation and vehicle control works in all environments and all weather conditions, allowing full-time operation. Additionally, our modular full stack software enables a complete solution, including navigation, obstacle avoidance, tracking, and fleet control.

#### Societal impact

Citizens benefit from our project in different ways: general safety is enhanced, new and more exciting jobs are created, productivity improved, and revenues and profitability increased.

Supported by:



**Start year:**  
2014

**Generated funding:**  
Self-financed based on revenues

**Challenge:**  
Mobile machinery automation

#### Venture Development

We have always been financed purely from our own revenues. Last year, we achieved more than EUR 1 million in sales and our software product generated the first license fees so that our customers could start to produce. The next step is to find an investor to boost our development and international sales.

#### EIT Community support

The EIT provided us with an extensive network, structural support, and introduced us to other interesting projects in robotics.

#### The nominee

##### The beginning

As a playful person, I always liked to experiment and see how my code could move physical things. I also knew that robotics would be an increasingly hot topic, so I focused my studies on this subject. Then GIM fully matched my personal interests.

##### Rewarding moments

Being involved in recruiting many talented people is extremely rewarding. When I am able to help and see them grow as engineers, I know we are doing a great job.

