

*The future of golf technology*

## AUTONOMOUS GOLF GREENS MOWER

Retrofit solution



# Introduction

## About

AG-GPS (Accurate Golf – GPS) retrofit system, transforming golf mowers to autonomous mowers

## Mission

Reduce labor cost, and improve quality at golf courses

## Vision

To be the preferred retrofit solution for converting mowers to autonomous operation



**Video of the prototype  
mower**

[YouTube](#)

# Proof of Concept

## Autonomous Green Mowing

- Navigation for autonomous golf mowers, Fix Position
- LIDAR Ouster OS1-32 -- assures best in class safety
- Route is recorded in advance including events to control the activating of the cutting reels
- The route is stored in a cloud environment and can be modified through a web client
- A route is pushed to the vehicle via a web client and then activated in the intelligent display



### Cutting procedure:

1. Start by administrator
2. Driverless operation to first golf green
3. Driverless operation of cutting patterns across the golf greens
4. Cutting outer edge of the golf greens
5. Driverless operation to the next green



# Fairway mowing concept

## Fairway mowing:

RTK GPS system

Operator drives mower ①  
are responsible for safety  
issues on the mowers

Mower ② follows mower ①  
In exact relativ position

On large fairways, three – or  
more - mowers in colomns



# Customer Survey

*AG-GPS has presented its concept to 50 Norwegian greenkeepers and has received very good feedback.*

*“When can we run test at our golf course”*

Ian Ross Head Greenkeeper  
Tyrifjord Golf Course Norway

*“I will inform my union about this, it`s very interesting”*

Svein Drange Olsnes  
European Golf Course Architects Union

*“We would like to write about this in our magazine”*

Agne Strøm Manager,  
Norwegian Greenkeeper Organization

*“I will certainly visit you to see the mower when ready”*

Director at manufacturing plant in UK

*“This is exactly what we are looking for”*

Atle Hansen Head Greenkeeper  
Bærheim Golf Course Norway



# INTERESTED? GET IN TOUCH!

If you want to help bring this product to life, please get in touch with CEO and owner Bjørn Roness:

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**Get detailed information:**

After signing an NDA, we can share more of our ideas and development journey with you.



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