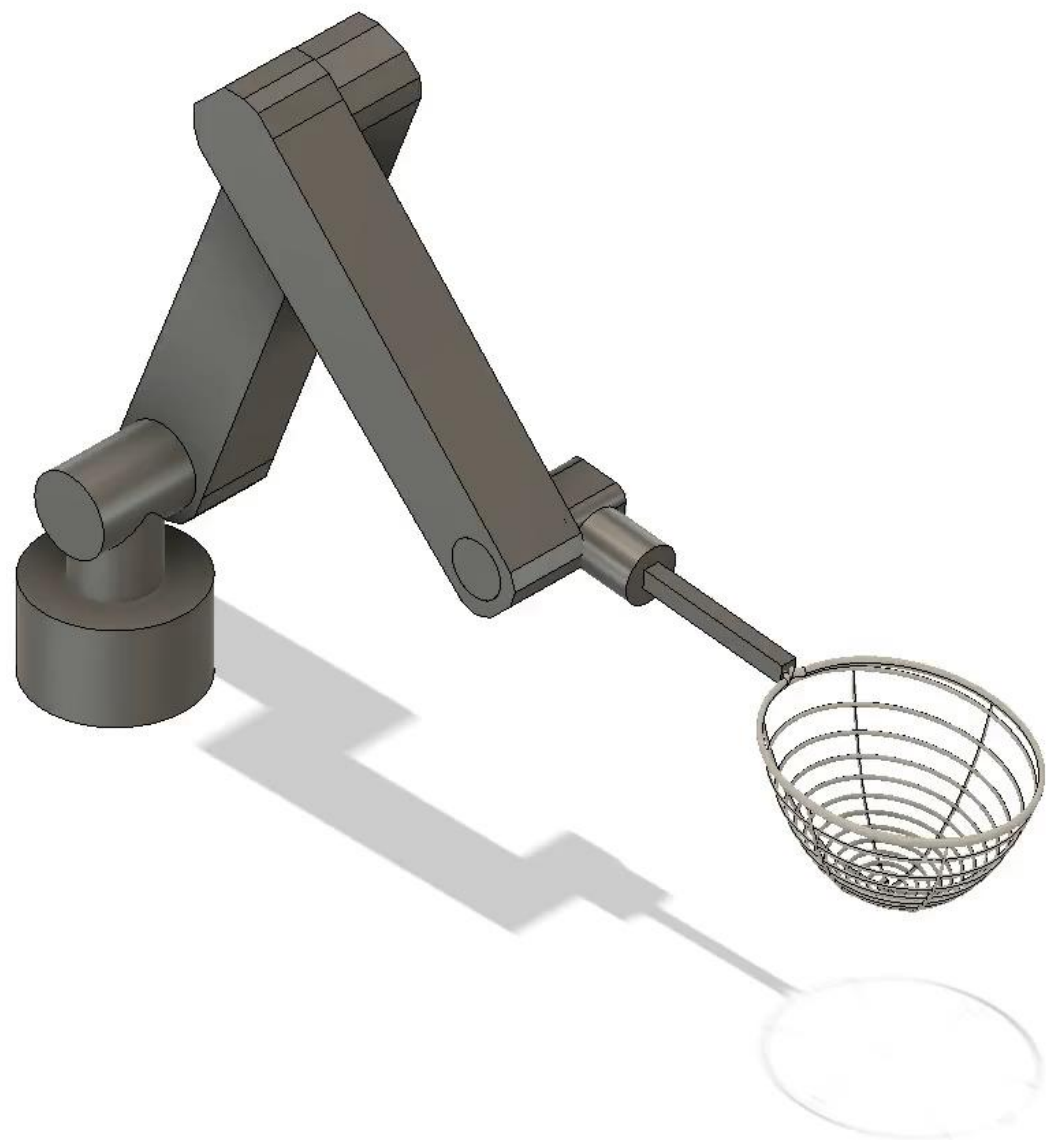
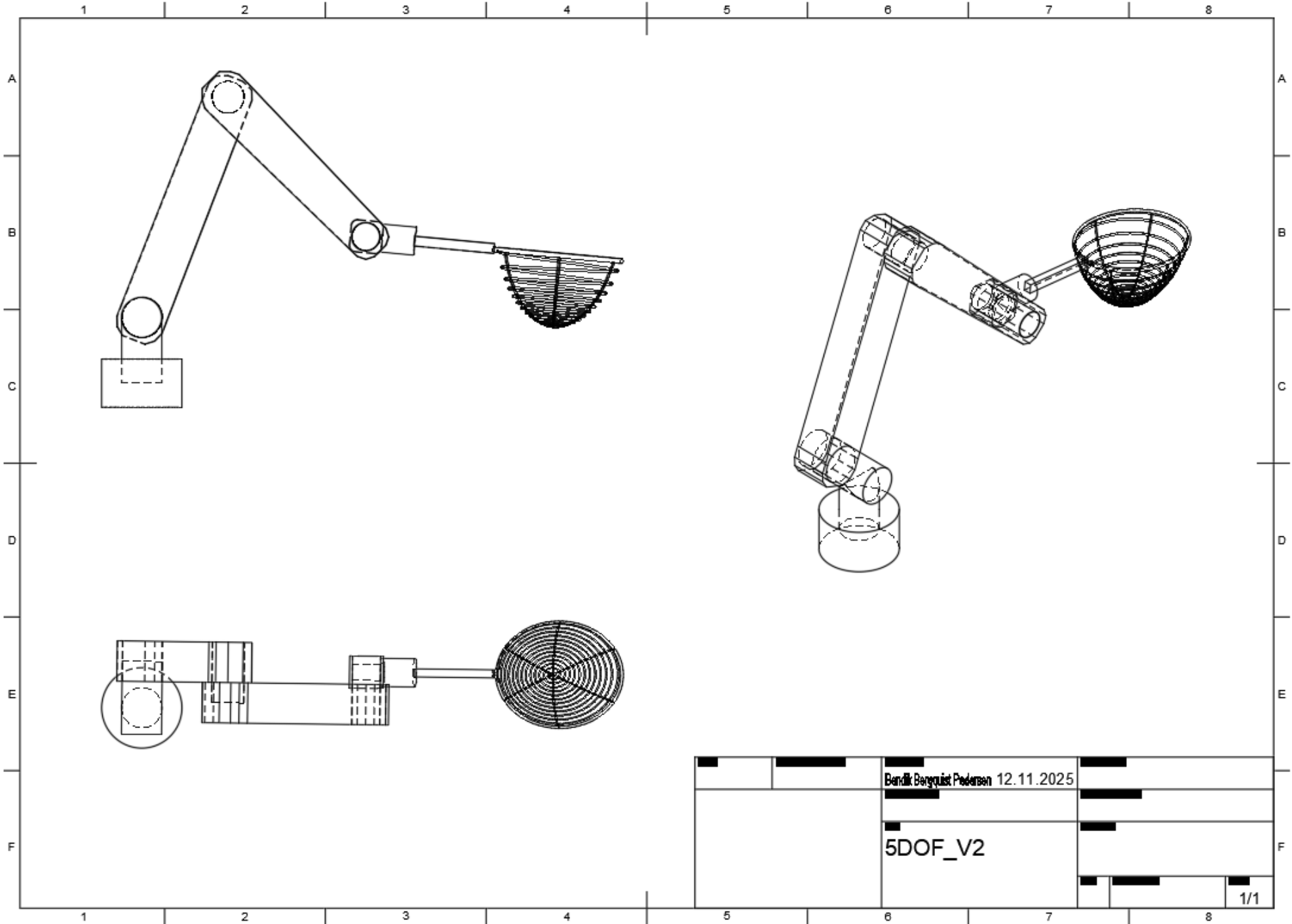




Robot design challenge 4: Small boat with manipulator for picking plastic

Bendik, Lars, Lars &
Sebastian

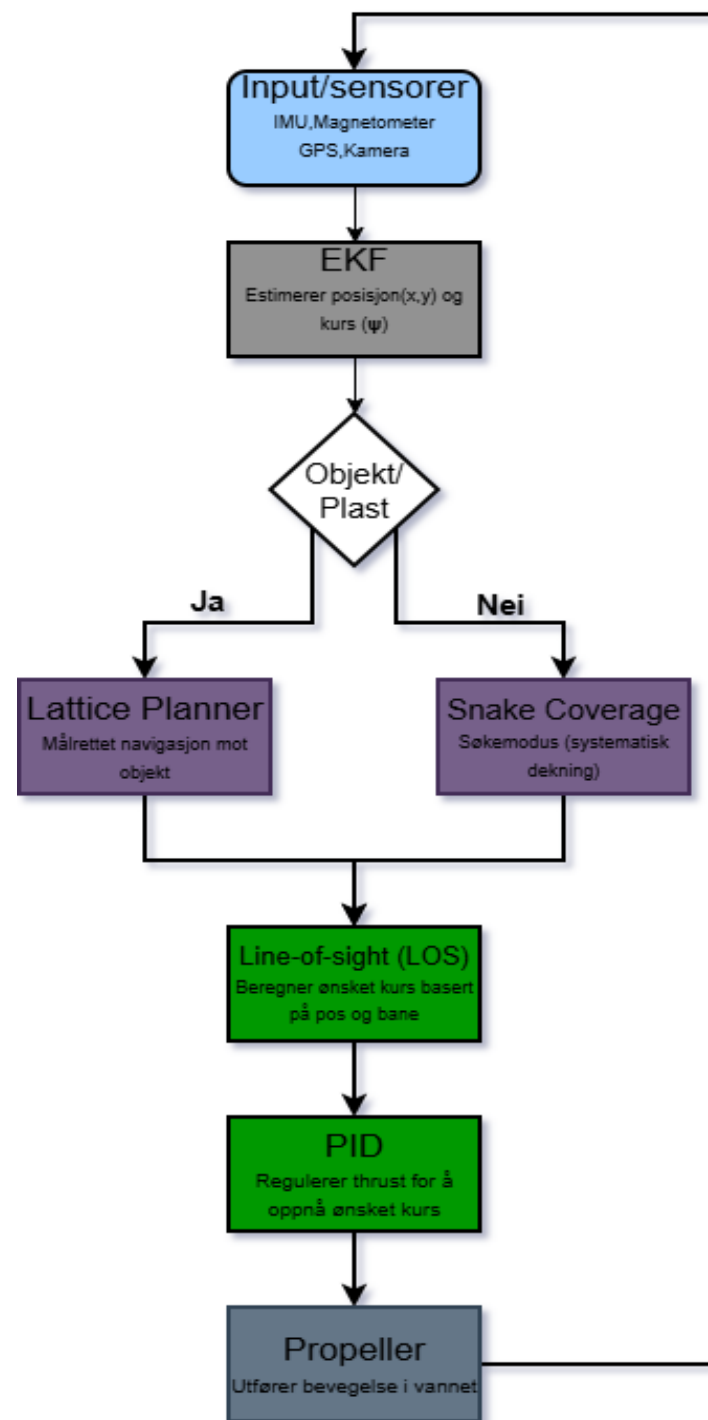




Bendik Bergquist Pedersen 12.11.2025

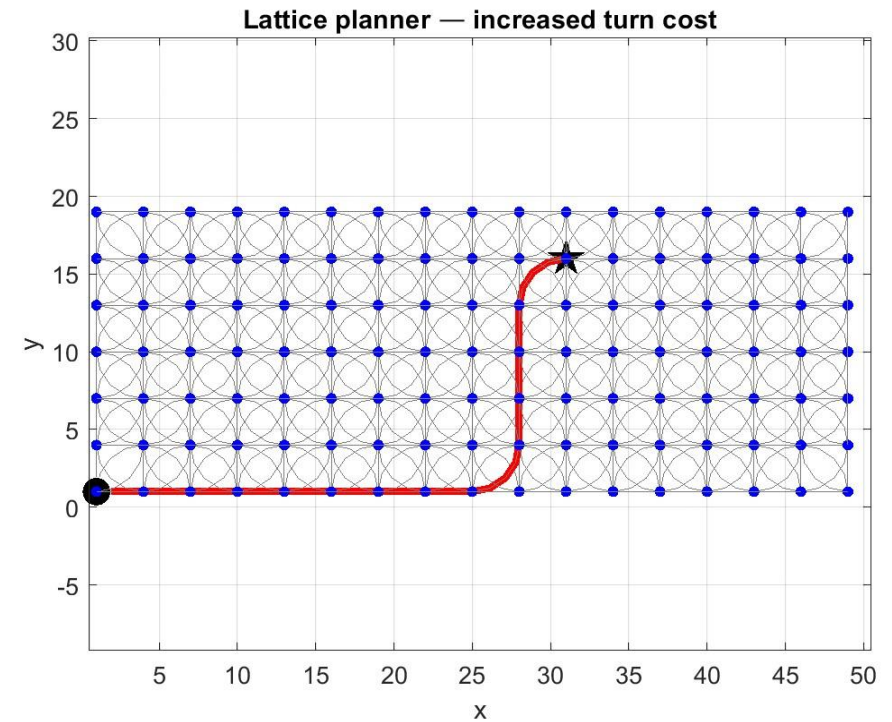
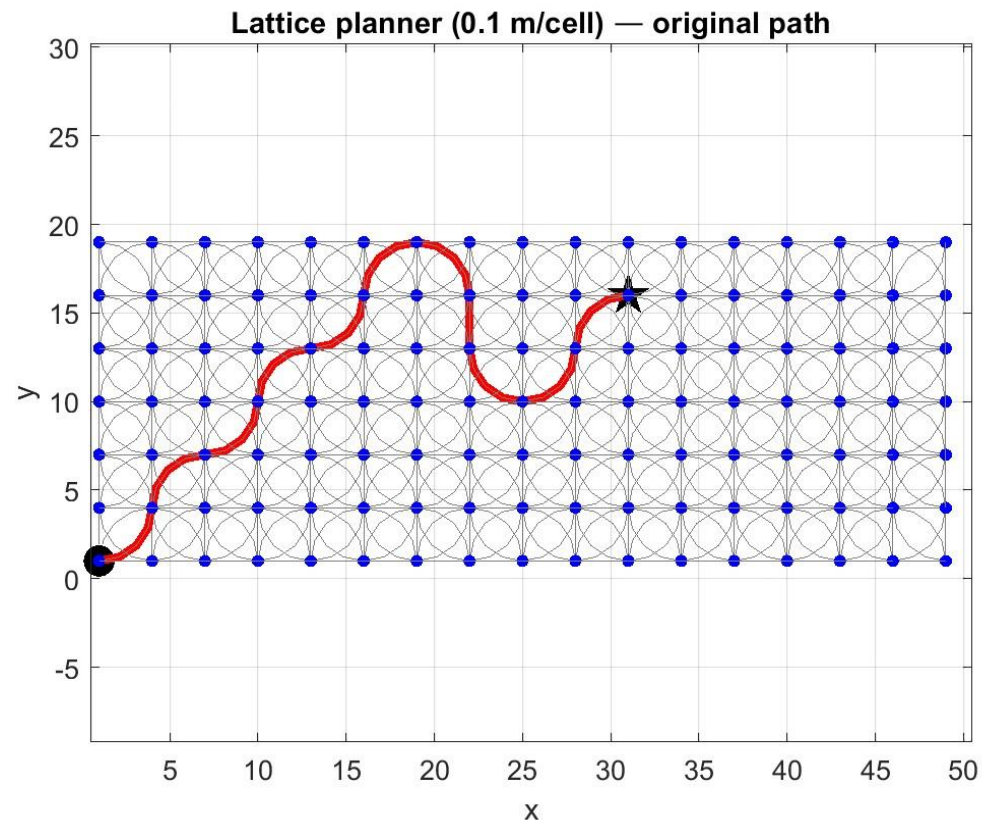
5DOF_V2

Systemoversikt

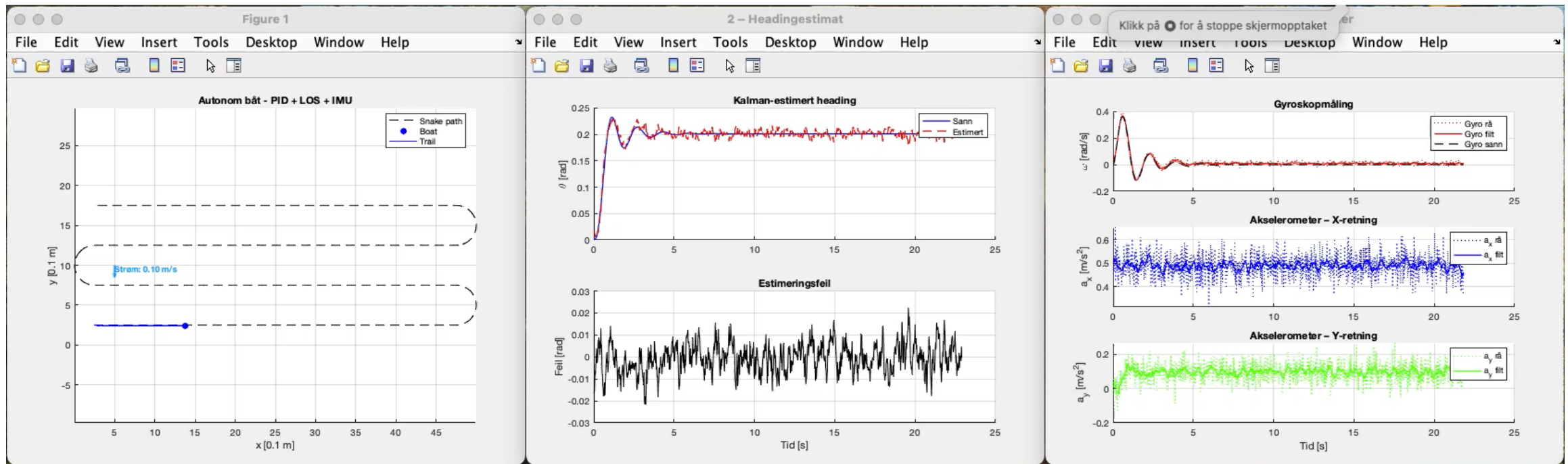


Matlab Simulering

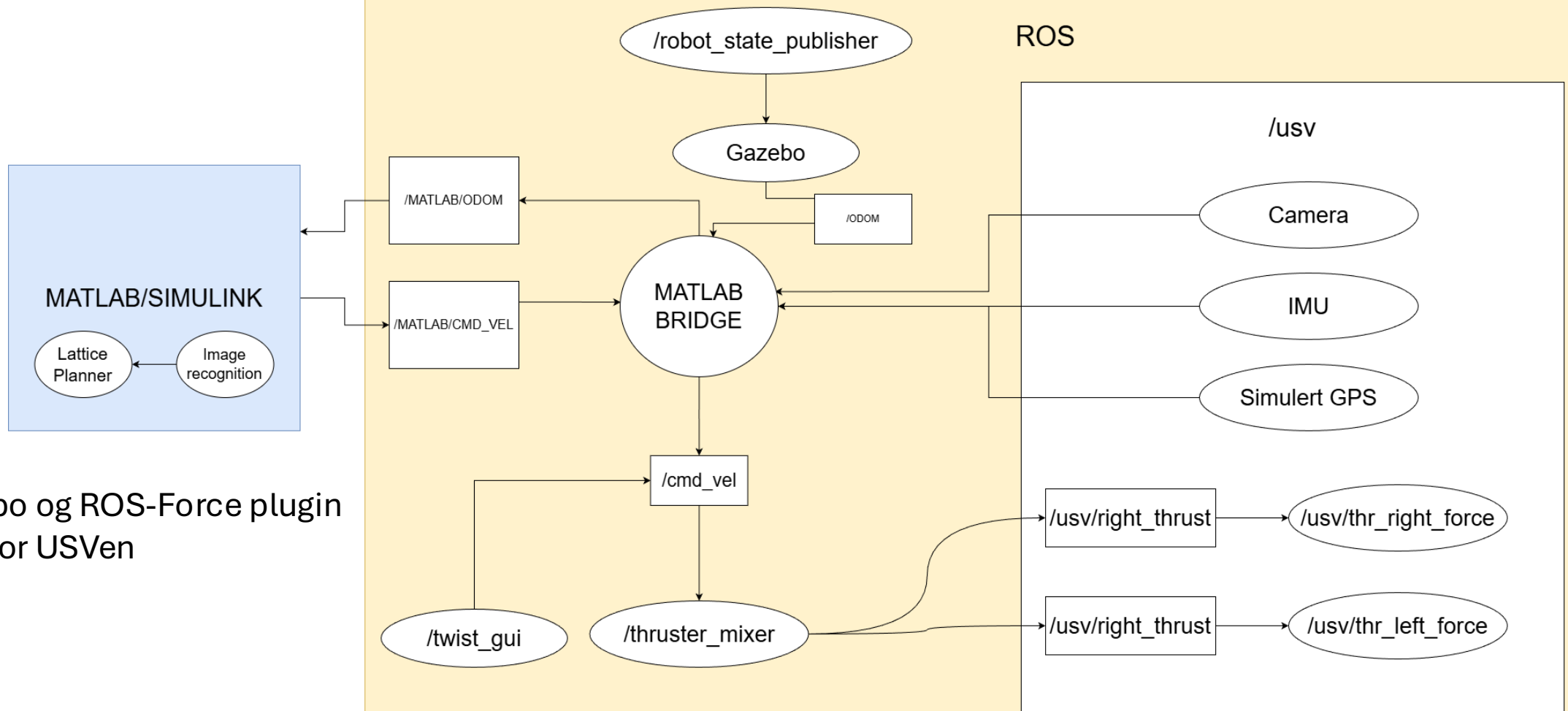
- Simulering med .m filformat
- Simulering med Simulink



Matlab Simulering .m fil

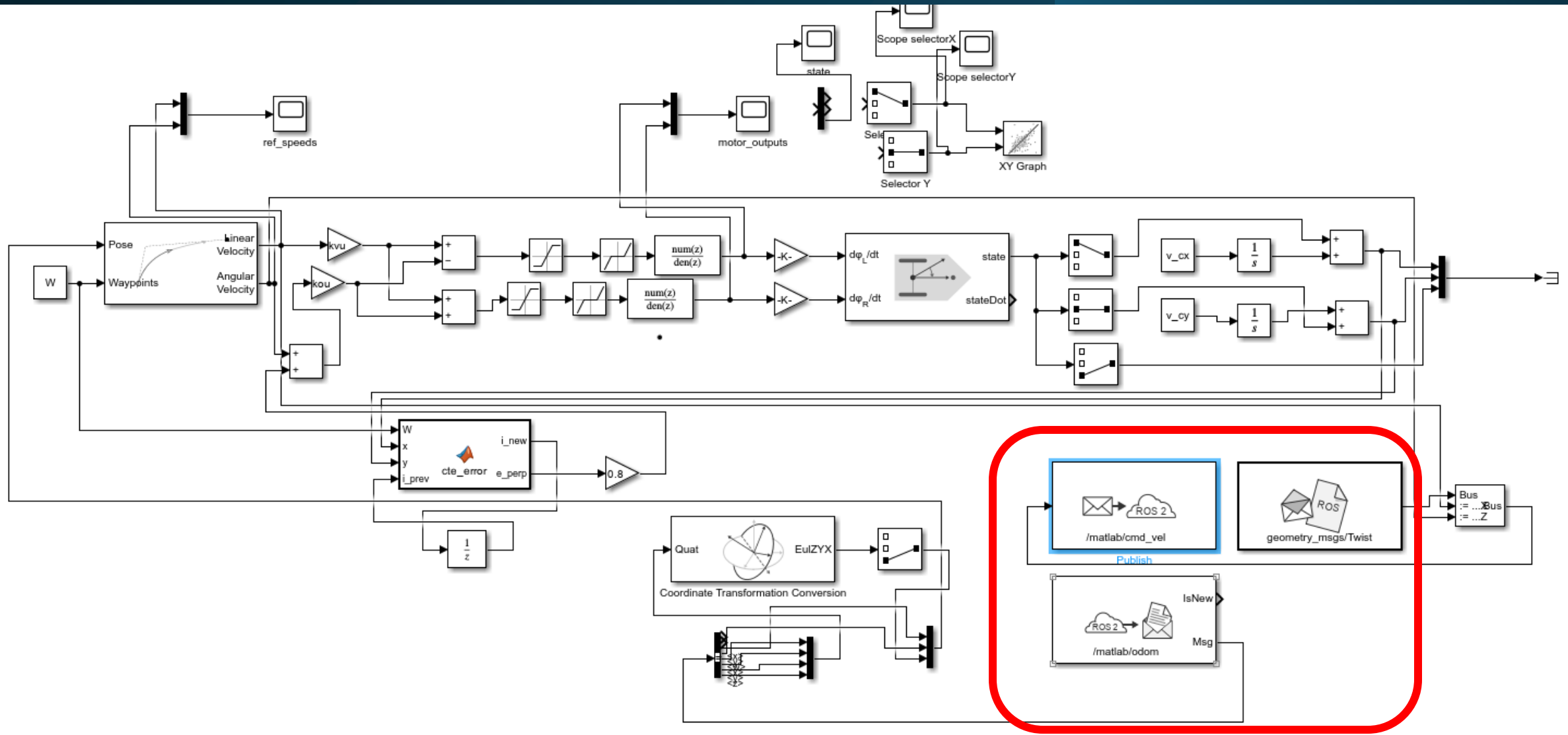


ROS2/Gazebo simulation

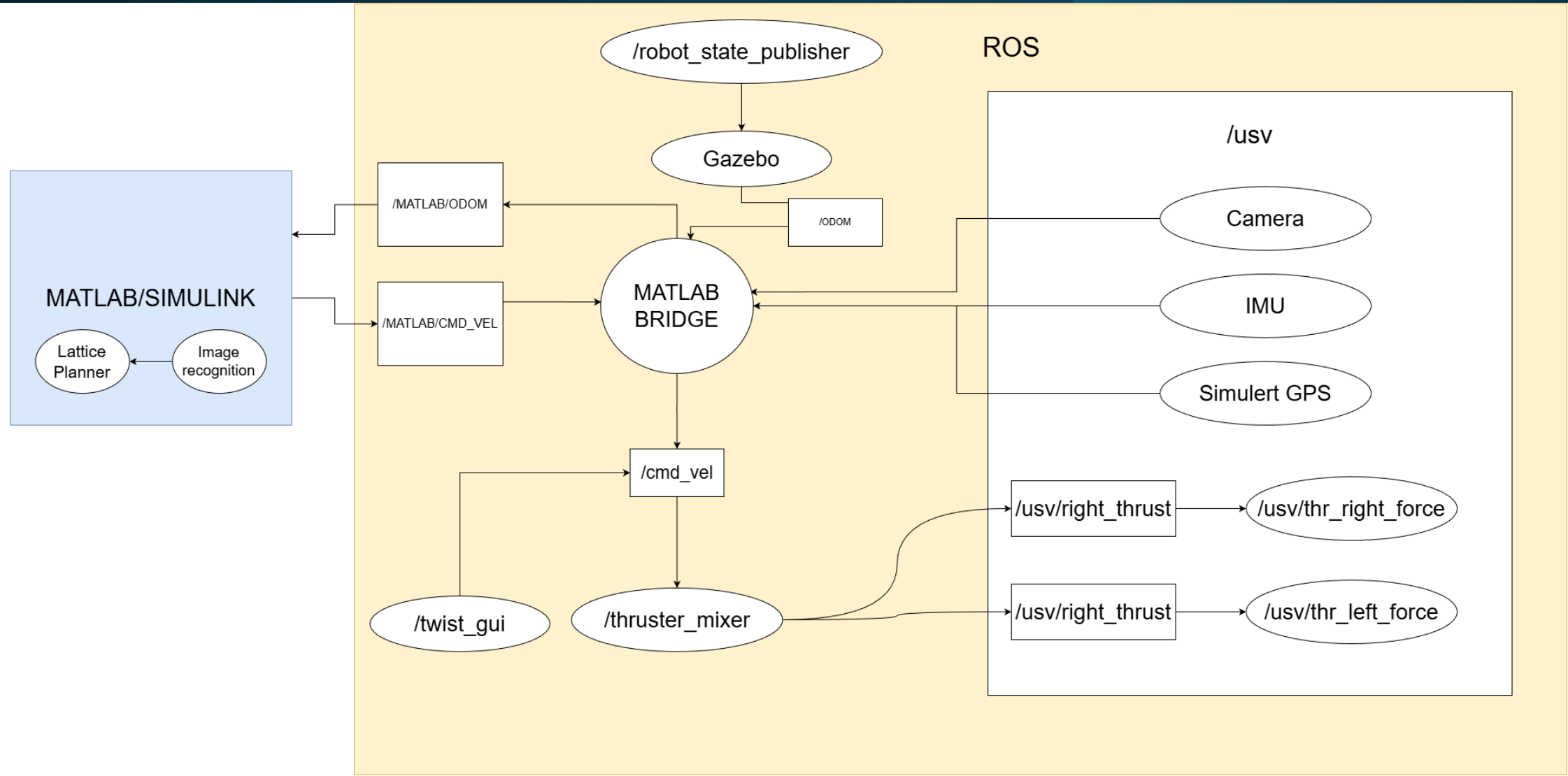


Buoyancy gazebo og ROS-Force plugin
Fusion modell for USVen

ROS2/Gazebo simulation



ROS2/Gazebo simulation next steps



ROS2/Gazebo simulation

