



The European Coordination Hub for Open Robotics Development

Universal Robotic System for Grafting of Seedling (INJEROBOT)

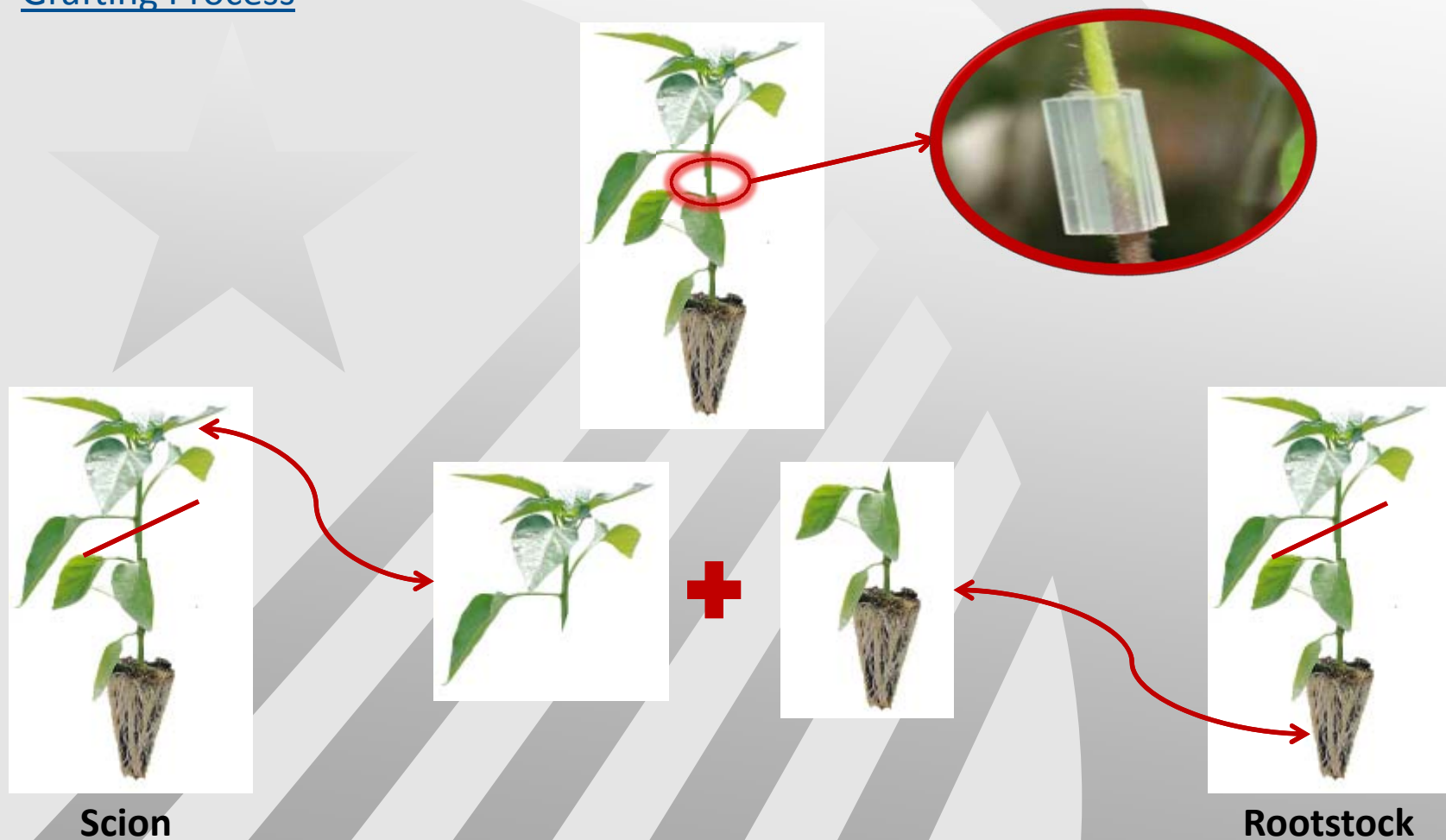


Guadalupe López, TECNOVA



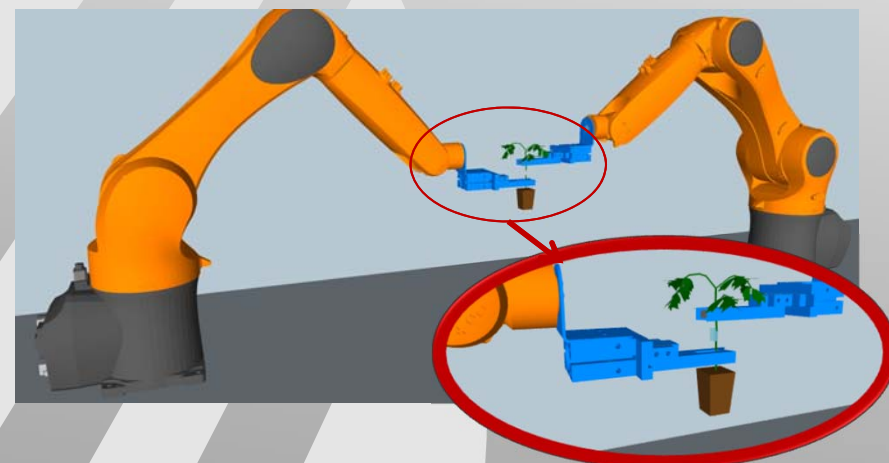
Brief Experiment Description

- Grafting Process



Brief Experiment Description

- Traditional Vs Robotic system

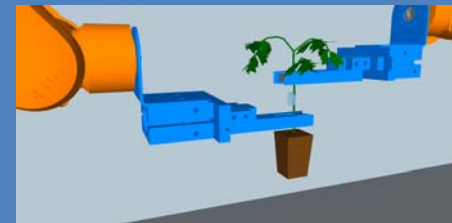


Brief Experiment Description

SPECIES:
Solanaceae & Cucurbitaceae



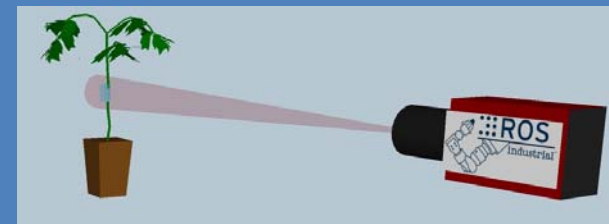
Special End Effector design



ROS-Ind. Abstraction



Vision system Quality control



Impact

- Reduction in human labour
- Labour cost reduction
- Takes advantage of seasonal downtimes
- Accuracy & Repeatability in grafting process
- High success rate (>95%)

**Cost-effectiveness & Quality
improvement**

Thank you for your attention

