



Project requirements

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Community (UN SD goal):	Goal 11 – Sustainable Cities and Communities
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Project Name	Green Screen
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Functional Requirements

1. Reflect most recent information of recycling collection
2. Allow interaction with waste collection zones within a map to provide more detailed analysis of a region
3. Provide comparison of data within waste collection regions to indicate progress towards sustainability
4. Notify waste management workers when hazardous waste is detected in the recycling stream
(Note: This will be developed in future iterations alongside Copy-Waste Architecture)

Technical/Performance Requirements

Technical Requirements:

1. Integrate with Stream Sight API to retrieve data
2. Conform to Prairie Robotics technology stack and standards
3. Integrate with Copy Waste Hazardous waste detection system

Performance Requirements

1. Perform heavier calculations in the API to improve performance on the front-end. The dashboard must be lightweight and run effectively on any machine with limited internet speeds