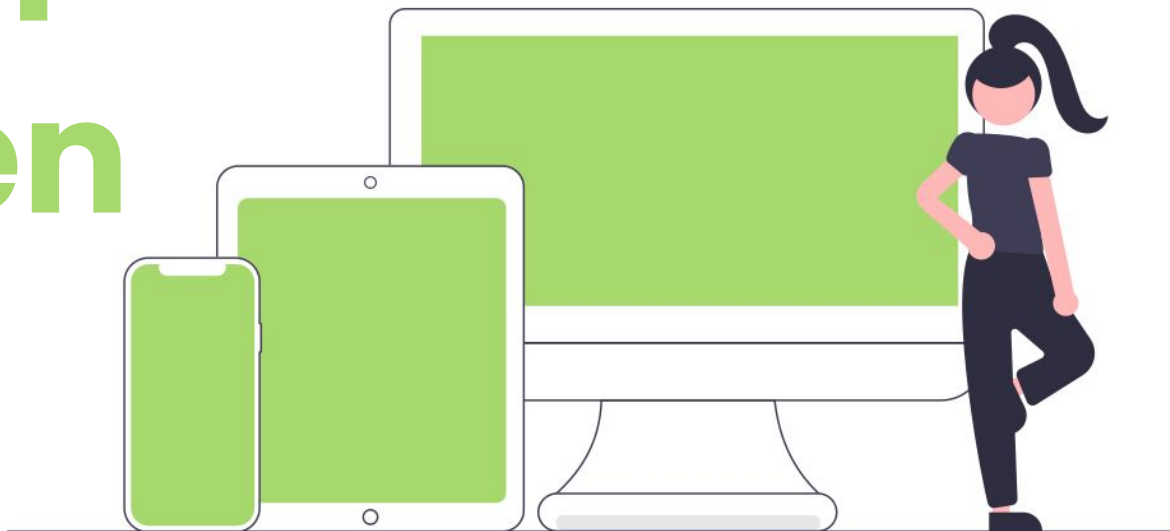# Green Screen

Activity 1
By Rishabh Prasad

Sustainability Goal

GOAL 11 - SUSTAINABLE CITIES & COMMUNITIES

11.6 By 2030, reduce the adverse per capita environmental impact of cities, including by paying special attention to air quality and municipal and other waste management

Project Vision

- Monitor the State of Recycling

Project Vision

- Monitor the State of Recycling

   - Reduce Contamination

   - Prevent Workplace Injuries

Project Background / Reason

→ Recycling is contaminated, expensive, and inefficient
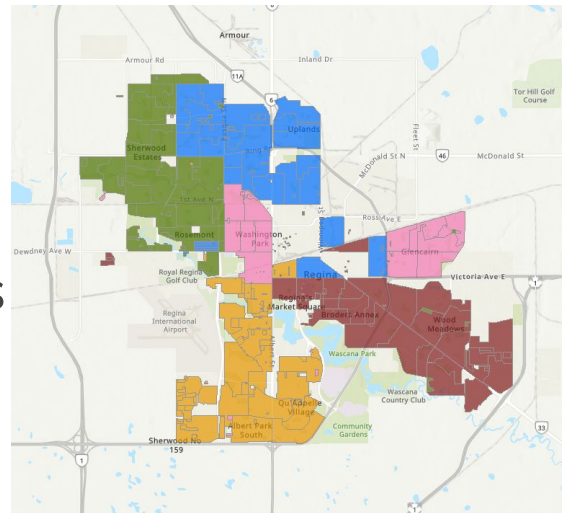
Project Background / Reason

→ Recycling is contaminated, expensive, and inefficient

→ Our responsibility to protect the environment and create safer workplaces

Vogel Disposal
(https://www.vogeldisposal.com/vogel-disposal-news/propane-tank-garbage-truck-fire-4094)

Project Background / Reason

→ Recycling is contaminated, expensive, and inefficient

→ Our responsibility to protect the environment and create safer workplaces

→ No tool to analyze contamination based on zones / neighbourhoods

Current State of Technology

→ Waste collection data is stored in a database

→ UR Streamsight to visualize individual sources of contamination

Impact

→ Enable the City of Regina to focus on building targeted educational campaigns

→ Take drastic action on environmental impact and waste

Audience

North Star Customer:

→ City of Regina Waste Workers

Carryover Customers:

→ Other Municipalities / Waste Management Companies

→ Prairie Robotics

Constraints

→ Planning meetings with Waste Management Workers

→ Limited knowledge of the technology stack

Thanks For Watching!