

Ahold Delhazie, Company Sponsor  
Dr. Eva Ponce & Dr. Edgar Guitierrez-Franco, Academic Advisors

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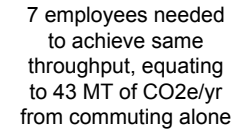
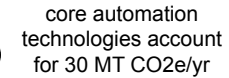
## Results



Pressure for aggressive **sustainability goals**

## Contributions & Key Insights

## Objectives



1. Framework for measuring impact to sustainability
2. Emissions Calculator

[illegible]

1 Automation & Sustainability are not mutually exclusive

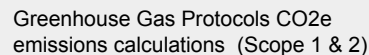
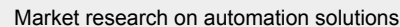
2 The greatest external factor for greenhouse gas emissions is the energy source.

### 3 Data availability is integral to assess the impact

## Miquel Garcia Gonzalez



Taylor Peterson



A bar chart comparing 'Picks Per Hour' for two picker types: Antelope Pickers and CH2 Pickers. The Y-axis represents 'Picks Per Hour' from 0 to 600. The X-axis lists the picker types. For each picker type, three bars are shown: Manual (blue), Automation - Current (red), and Automation - Goal (yellow). The values are: Antelope Manual (110), Antelope Automation - Current (311), Antelope Automation - Goal (506); CH2 Manual (121), CH2 Automation - Current (270), CH2 Automation - Goal (414).

| Picker Type      | Manual | Automation - Current | Automation - Goal |
|------------------|--------|----------------------|-------------------|
| Antelope Pickers | 110    | 311                  | 506               |
| CH2 Pickers      | 121    | 270                  | 414               |

