

Sustainable Milestones & Challenges at CU

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2018 Public Transportation &
Universities Conference

Topics

- Introduction
- History & Timeline
- Current Milestones
- Challenges
- Partnerships
- 2018 and beyond

Introduction

- Tom Christian , Transit Manager
- 4 years at CU
- Over 18 years in the Transportation Industry in a variety of Safety/Compliance and Operational management roles.

History of CU



- 1876 – CU Founded
- 1950s – CU acquired 220 more acres
- 1960s – Campus buildings doubled
- 1968 - Buff Bus implemented with 1 bus
- 1970s – Federal funding increases
- 1990s – CU embraces TDM (groups formed)
- 2018 – Top 10 institutions (Research, Earth & Environmental Sciences)

Sustainability Timeline Highlights



- 1980s – Bicycle Program begins
- 1991 – Student Bus pass program
- 1997 – EcoPass and Guaranteed Ride Home
- 2004 – Campus Transportation Master Plan
- 2007 – CU signs American College and University President's Climate commitment ("ACUPCC")

Sustainability Timeline Highlights con't

- 2009 – Car-sharing services
- 2010 – Gold rating by AASHE Sustainability Tracking and Rating System (STARS)
- 2013 – Bike Parking spaces vs Car
- 2015 – Van-pooling Program
- 2016 – Planning - Bike Stations and Transit Center



Current Milestones

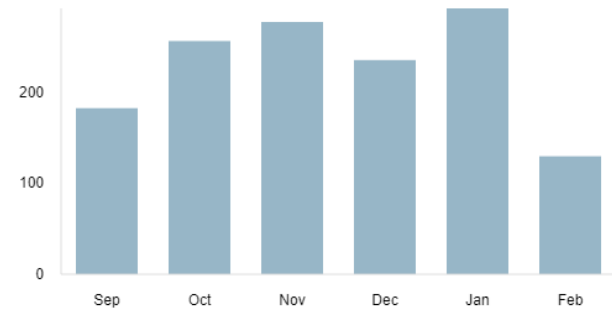
- 2018 – Transportation Master Plan update started
- 2018 – Campus served by over 11 fixed routes
- 2018 – Campus has 18 rideshare cars
- 2018 – Planning for electric bus fleet and infrastructure
- 2018 – Multi-Modal Opportunities



Current Milestones

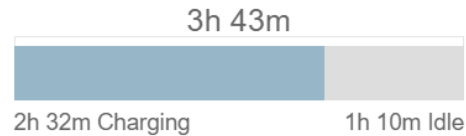
- Electric Vehicle Charging

Sessions



Average Session Length

Last 30 Days



Environment

Lifetime

Here's how EV charging has helped:



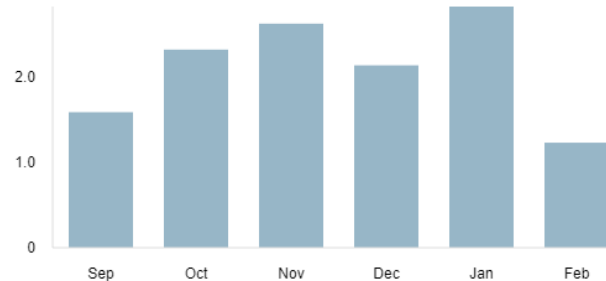
You've avoided
9,522 kg
greenhouse gas
emissions



that's like planting
344 trees
and letting them
grow for 10 years

Energy

in MWh



SUSTAINABLE TRANSPORTATION : BY THE NUMBERS



3,000,000

Yearly trips CU students
take on public transport
(not including Buff Bus)

Buff Bus
2 million additional
riders



1,400

Students taken to
mountains each winter
on CU Ski Bus



14,000

Bicycle parking spaces
on campus



5,681

Registered bikes
(March '14 - March '16)



700

Abandoned bikes
removed to be recycled,
donated, or resold to
CU community
(June '15 - March '16)



3,115

Flat tires fixed in
2015

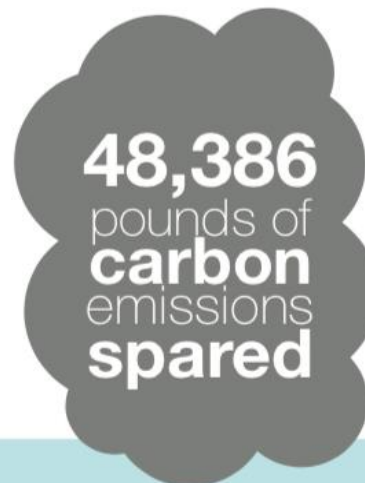
BOULDER **B**cycle &



Q4 2017 Sponsor Dashboard



20,469 total trips taken
4,759 by CU students



STATS

10,177

9,668

407,080

Transportation Toolbox

Program	Students	Faculty / Staff
Bus Pass	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Guaranteed Ride Home	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Ski Bus	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Late Night Transit	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Vanpool	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Carpool	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Bike Station Repairs	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Semester/Day rentals	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Mobile Mechanic	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
B-Cycle membership	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
What else?	<input type="checkbox"/>	<input type="checkbox"/>

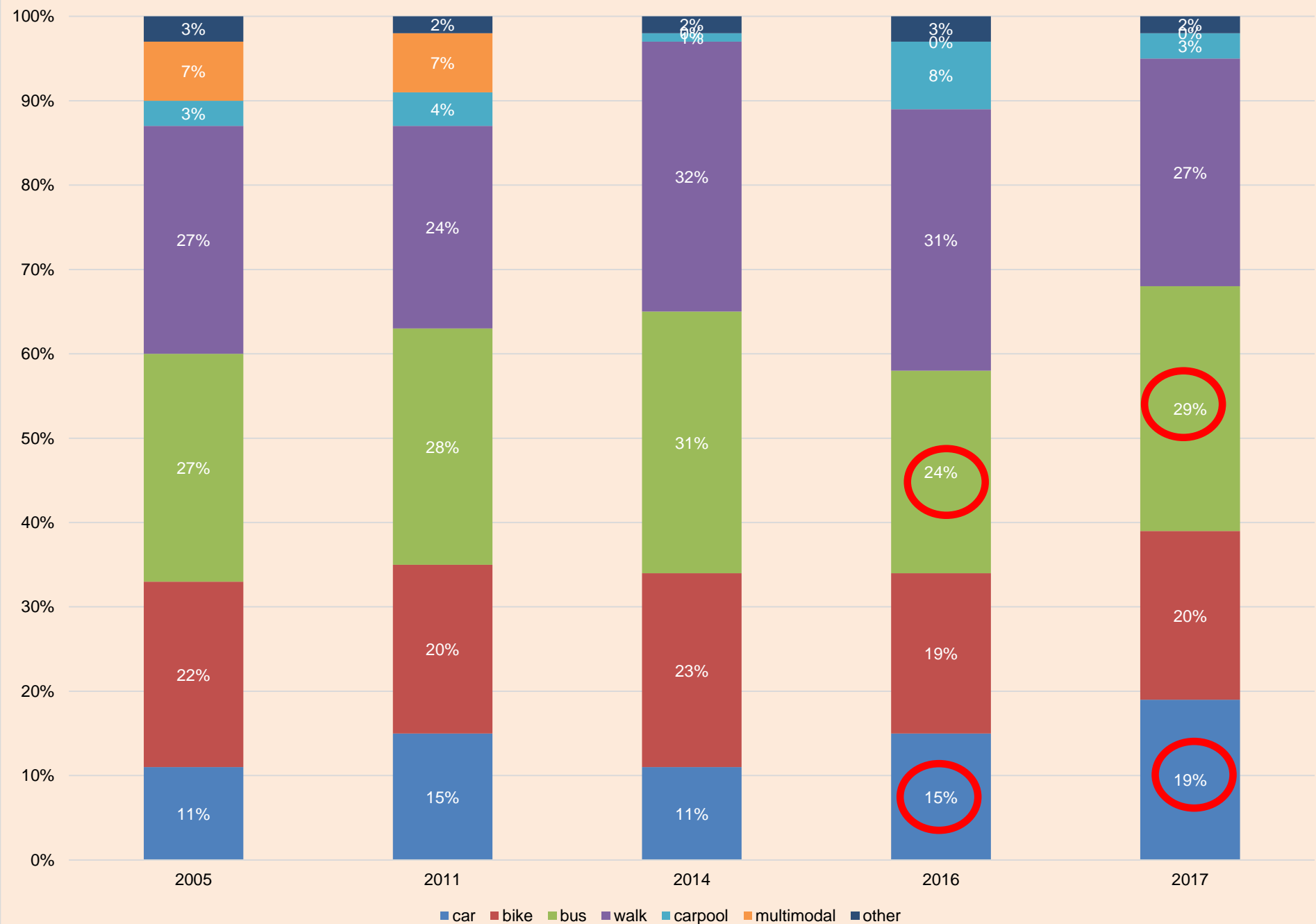


Challenges

- Funding Model
- Costs/Expenses
- Transition / Reorganization
- Equipment
- Staffing & Housing Market

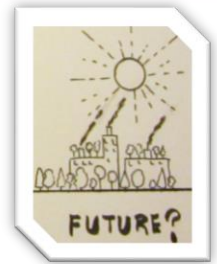


Student/Staff/Faculty Commute Modes

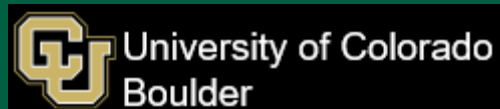
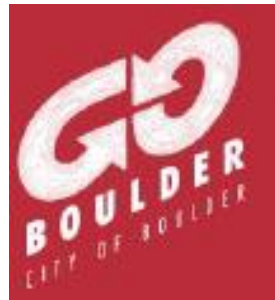


Partnerships

- Build and Value Partnerships
- CU > University 1st
- Our People, Our Team
- Our Community, Our Partners
- Our Innovations, Our Stewardship
- “No Silver Bullet”

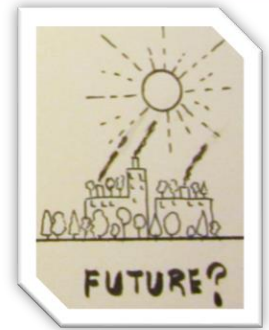


Partnerships



2018 and beyond.....

- Transportation Master Plan
- Strategic Underpass planning
- Transportation hubs
- New routes
- Electric buses
- Autonomous vehicles
- Carpool matching
- Sustainable commute friendly parking permits
- Current and New Strategic Partnerships
- Campus & Community Engagement



MY REACTION WHEN I'M ASKED IF I CAN

**DO SOMETHING ABOUT TRAFFIC
SO THE BUS ISN'T LATE**

Thank you!!

A person wearing a dark blue suit and a light blue shirt is holding a white rectangular sign with both hands. The sign has the word "QUESTIONS?" written on it in a bold, dark blue, sans-serif font. The background is a plain, light gray.

QUESTIONS?