



REGIONAL AIR QUALITY COUNCIL

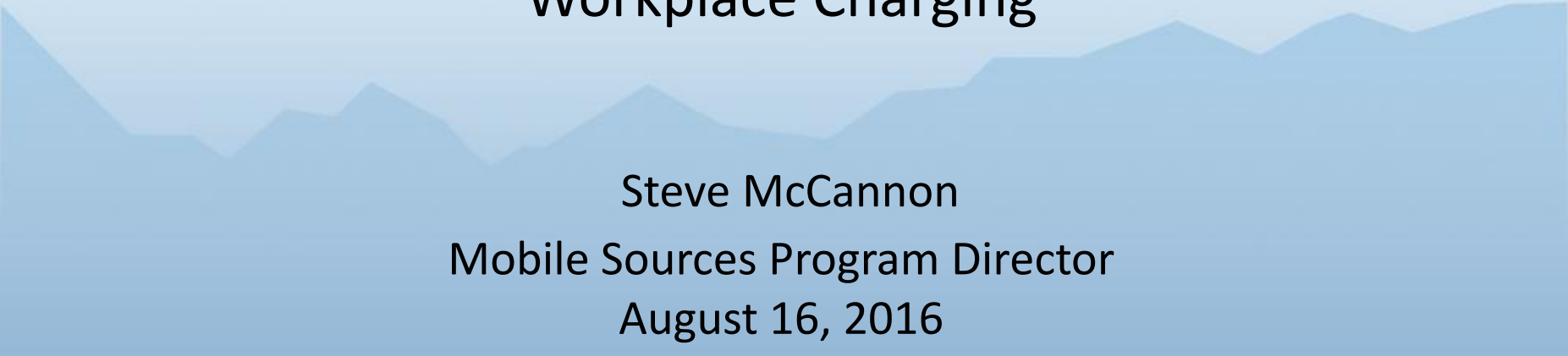
DRCOG Local Government Electric Vehicle Workshop

Workplace Charging

Steve McCannon

Mobile Sources Program Director

August 16, 2016



Evolution of Workplace Charging

Develop

- Input and Observation from RAQC, CEO, Grantees
- Partners focused on geographic spread of Stations

Implement

- Increase in workplace applications

Refine

- Tailored outreach and focus to workplace charging
- Require employee survey to gauge interest

Awarded 147 Charging stations to 47 Employers

Why Workplace Charging?

Employee Benefits

- Motorists primarily charge at home and at work
- RAQC data indicates workplace charging is our highest venue

Employer Benefits

- Further sustainability goals and enhance public image
- Attract & Retain talented employees

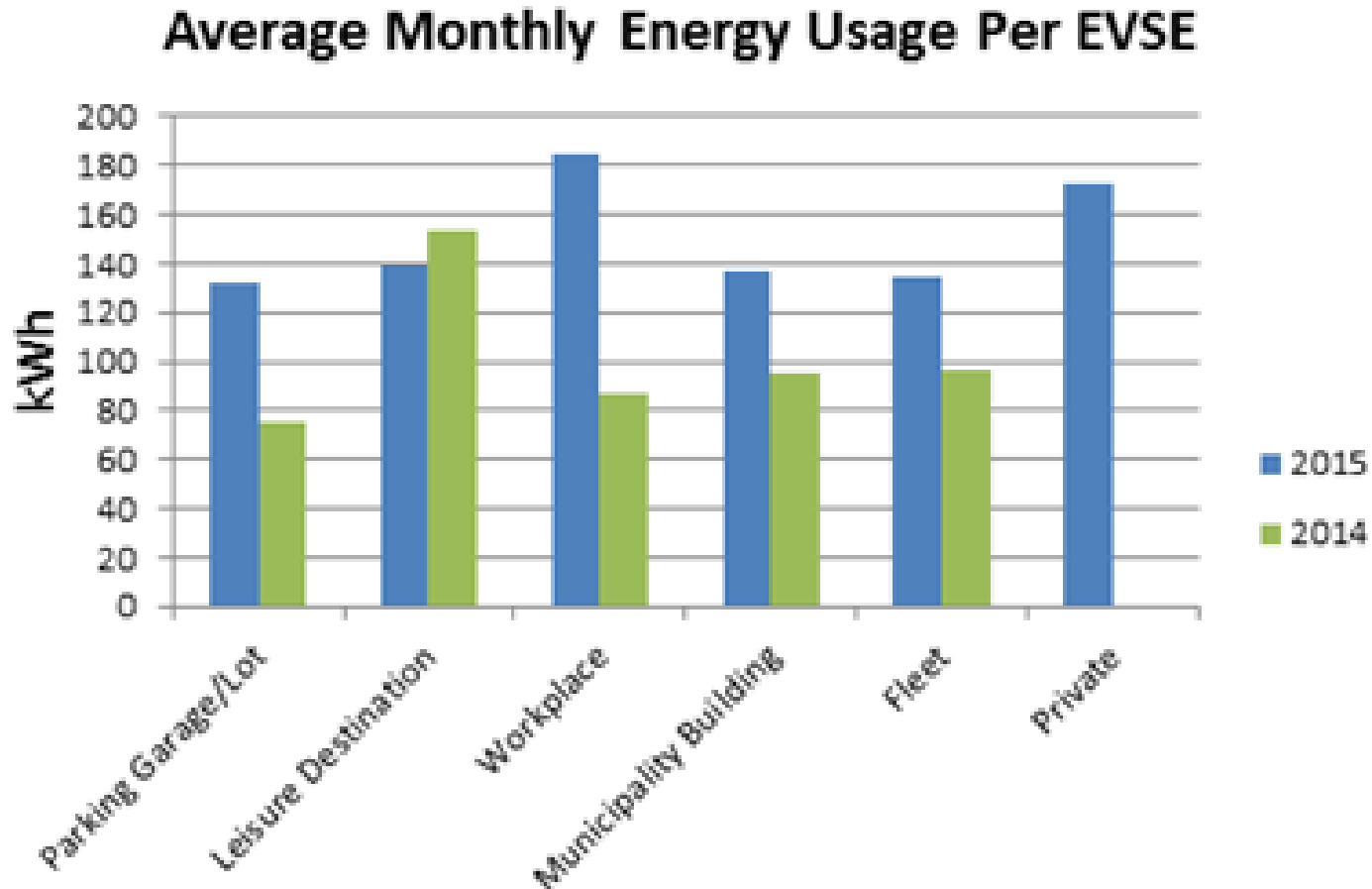
Developing Market Benefits

- Workplaces have a role to play
- Individuals with workplace charging are 20x more like to purchase an EV

Charging By Venue

	Parking Lot/Garage	Leisure Destination	Workplace	Municipality Building	Fleet	Private
Number of Charging Stations	16	10	16	12	4	6
Number of Charging Events	1,564	2,819	1,711	2,687	1,533	786
Electricity Consumed (kWh)	16,149	30,084	20,425	24,566	9,423	12,322
Electric VMTs Produced	41,825	77,916	52,900	62,887	23,618	31,914
Average Monthly kWh Draw 2014	75	154	87	95	96	na
Average Monthly kWh Draw 2015	132	139	184	137	134	172

Charging By Venue



Charging System Considerations

1. Networked vs. Non-Networked

- Charge Ahead requires networked systems for reporting

2. Equipment Types

- Level 1, 2, or 3
- Single or dual ports

3. To Charge or Not to Charge....For Charging

- Must be aware some think this is a benefit not provided to other drivers
- Queue management

Become a CAC Wired Workplace

- 
- Employer Partners with DOE Workplace Charging Challenge
 - Survey Employees on EV ownership or interest
 - Research EVSE and develop workplace policies
 - Consider available grants and install station
 - Ribbon Cutting Ceremony & Governor's Recognition

Mobile Sources Team Contacts			Extension
www.cleanairfleets.org	www.refuelcolorado.com		303-629-5450
Steve McCannon	Program Director	Smccannon@raqc.org	230
Matt Mines	CAC Program Coordinator	mmines@raqc.org	210
Kaylyn Bopp	AFC Program Coordinator	kbopp@raqc.org	290
Matt Goble	Communications Coordinator	mgoble@raqc.org	280
Kelley Grubbs	Program Analyst	kgrubbs@raqc.org	260