



**GOLDEN SUSTAINABILITY**

**PROTECT | PRESERVE | PROSPER**

# Sustainable Communities: Golden, CO

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# Where The West Lives

20,000 pop.

15 mi. west  
of Denver

2 FTE



Resident  
Advisory  
Board

Colorado  
School of Mines

NREL  
Coors

engaged  
citizens

# Sustainability Goals

## Energy

- 100% renewable by 2030 for electricity; for heating by 2050.
- 15% more energy efficient by 2030
- Align with Paris Accord
- Electrified transportation

## Waste

- 80% diversion for recycling and organic materials by 2030
- 40% reduction in total trash
- Net Zero municipal operations

## Water

- 15% conservation by 2030
- Recover resources from wastewater.





# Water Conservation







# Solid Waste Diversion





# Renewables





# What's Our Energy Strategy?



**Renewables + Net  
Zero**



**A Diverse  
Renewable  
Portfolio**



**Regional Energy  
Accounting**



# How To Get There?

**EASY**

- ✓ Low Cost Projects
- ✓ Policy Path
- ✓ Strategic Planning

**MEDIUM**

- Technology Investment
- Community Choices
- Commitment To Vision

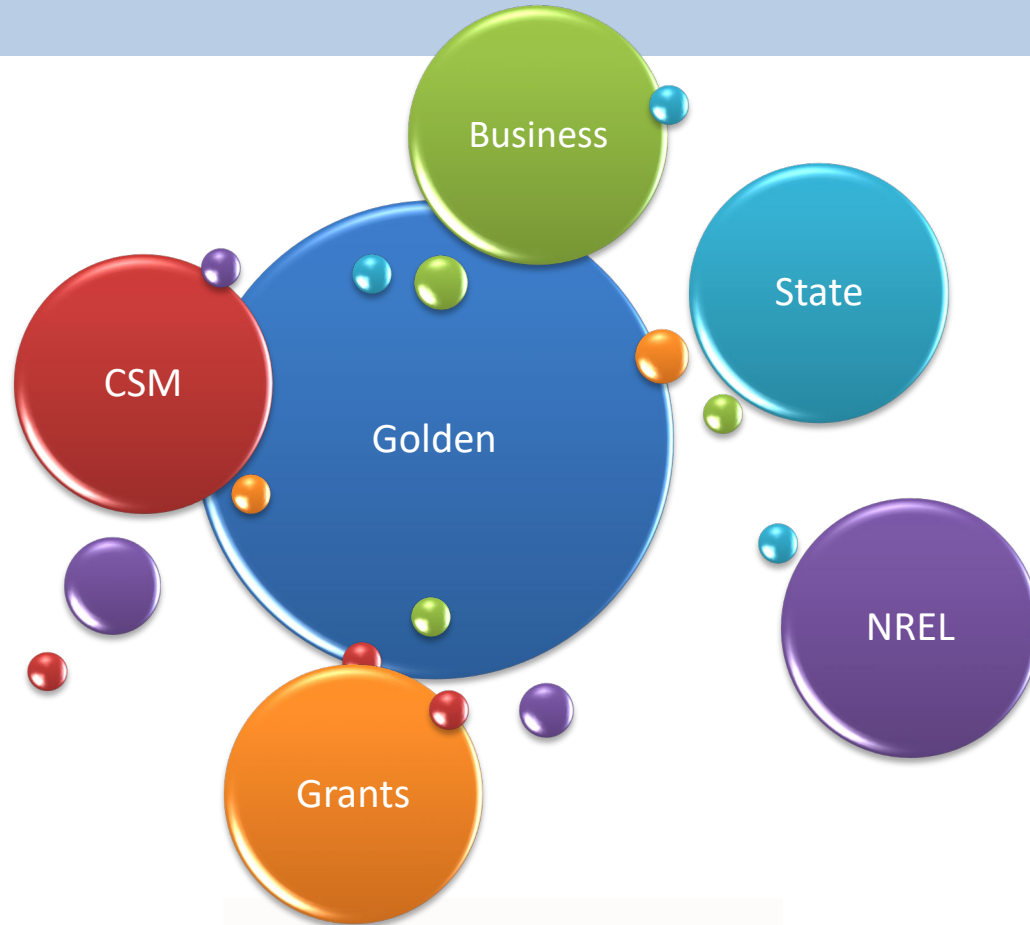
**DIFFICULT**

- Regional GHG
- Grid Interconnection & Resiliency
- Last 10%





# Going Solo: Not An Option



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# Regional Ties

## Limited Resources



## Local Partnerships





# Unknowns

✓ **Technology  
Advancements?**

**10 years?**

✓ **Community  
Benchmarking?**

**30 years?**

✓ **Our Contribution Within  
Region?**

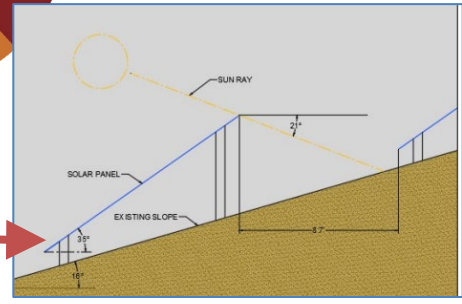
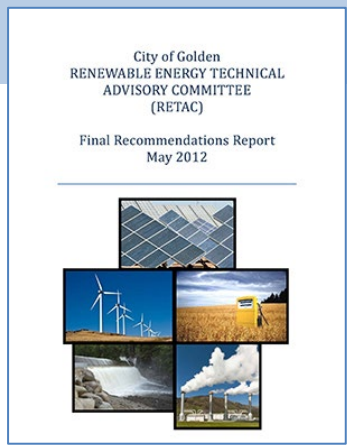
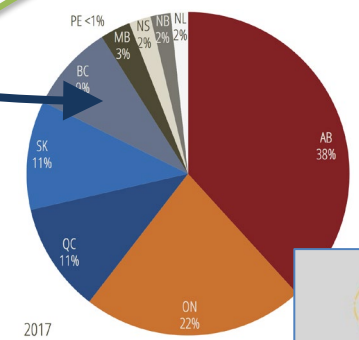
**50 years?**



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# Regional Benefits

Denver  
State of Colorado  
Colorado School of Mines  
NREL  
City Neighbors





# What's Next?

- **Community Solar**
- **Energy Advisor program**
- **Regional compost options**
- **GHG equivalency**
- **Sustainability In All actions**