

CH2MHILL®



O&M CONSULTING

Managing a Sustainable Utility

Sustainability

Improve Your Economic, Environmental, and Social Performance



■ Financial Strength

- Cost and Revenue Management

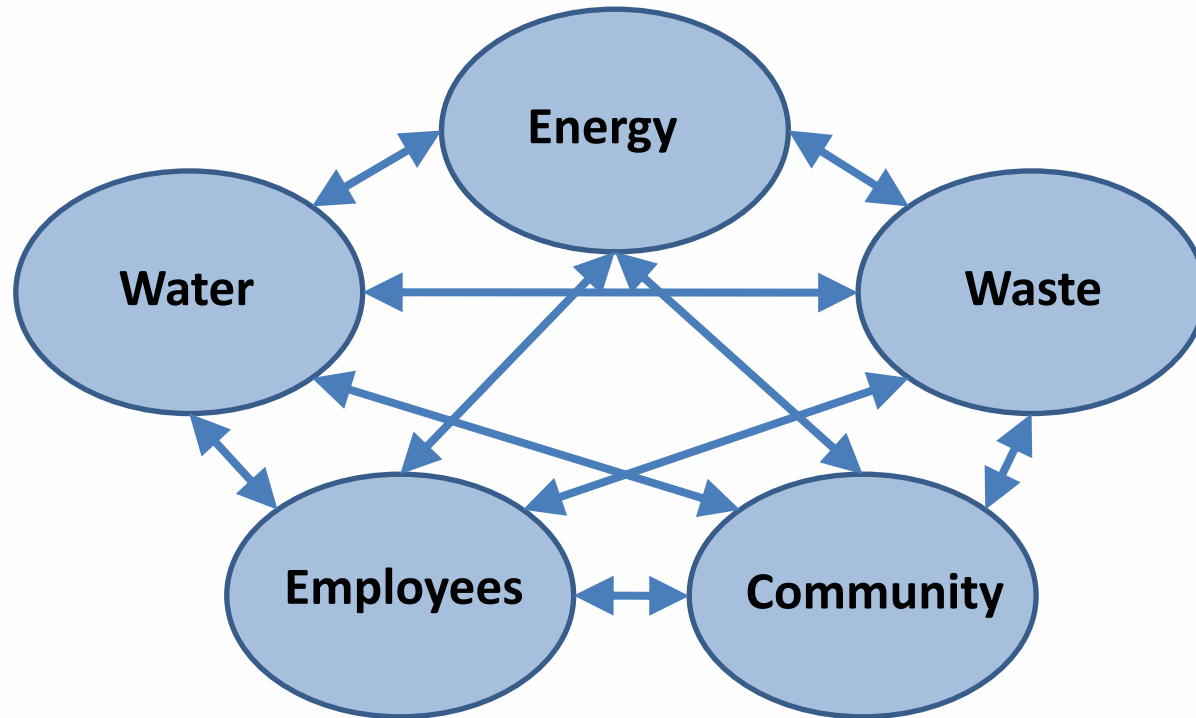
■ Environmental Sustainability

- Resource Management and Conservation

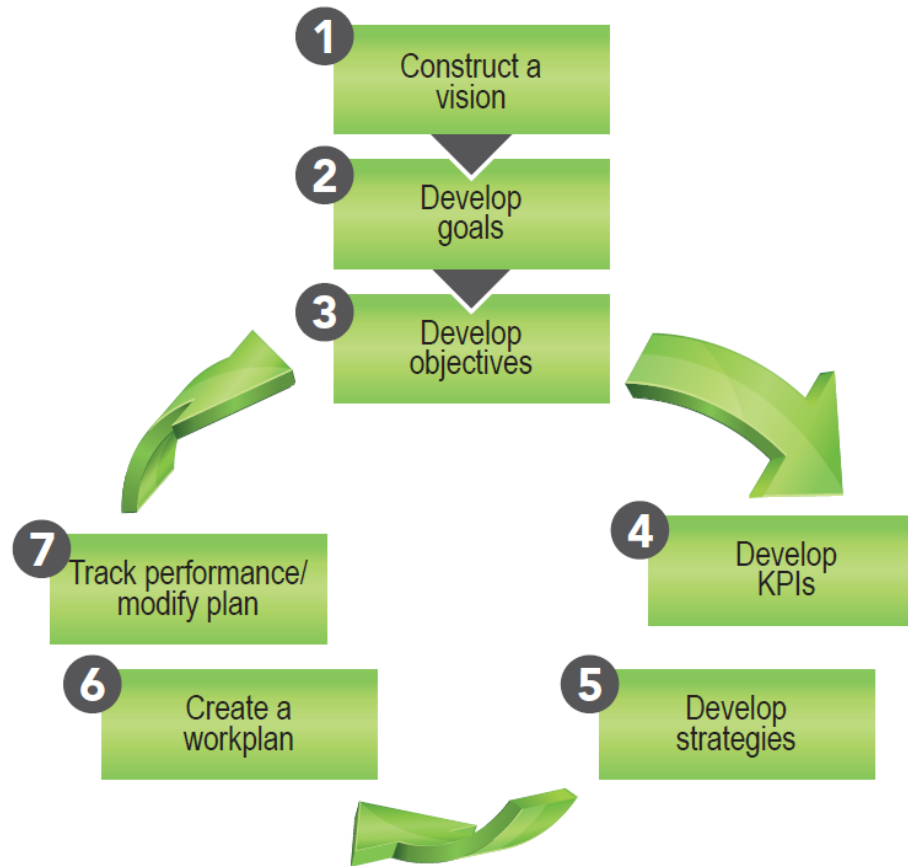
■ Social and Community Well-Being

- Effective Community Partnering

Sustainability is Thinking about Systems



Every Improvement Begins With a Vision



Eldorado, NM

Water Meter Read Route Optimization



Vision

- With lots of dead-ends and cul-de-sacs in the Eldorado Area Water and Sanitation District service area and a growing residential development, reading water meters proved to be time-consuming.
- Our team leveraged the GIS and billing systems as well as field research to gather and synthesize data.

Results

- Reduced miles driven by 48 percent, or an average of 3,873 miles per year
- Decreased fuel costs by an estimated 66 percent
- Cut labor hours by nearly 50 percent
- Lowered CO2 emissions by 48 percent, or 2.2 metric tons
- Cut the read cycle by 1 day per month

Resources



EPA “Moving Toward Sustainability”

<http://water.epa.gov/infrastructure/sustain/>



WEF “Blueprint for Action”

<http://news.wef.org/publication-presents-a-vision-for-water-resources-utility-of-the-future/>





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