# Introducing

# #NedZero

# and How to Use It

### A Presentation for

#### WESTERN PLACES BUILDING FAIR & RESILIENT COMMUNITIES WESTERN SPACES

## hosted by





# A Presentation by <u>Mayor Joe Gierlach</u> Nederland, Colorado

Mach is the Mayor of Nederland

Colorado - a smail toam in the Rocky

Mountains known for its local







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## Vision





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#### The idea of #NedZero began as the culmination of many major planning documents







Starting in 2010 ... **The Nederland Board of Trustees** decided to gather input from our citizens to create a vision for the future of our town.







### a Year and a Half Later ... The Nederland Board of Trustees adopted Envision 2020 as our guiding document.







#### Guess The Nederland Mat Board of Trustees adopted Envision 2020 as our guiding document.







#### Guess The Nederland *Links!* Board of Trustees <u>adopted Envision 2020</u> as our guiding document.





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You Can

### **The Nederland Board of Trustees** adopted Envision 2020 as our guiding document. ...if you want to.





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#### A poster of Envision 2020 Abo hangs on the wall of our main meeting room.

#### Envision 2020 Nederland, CO

In Nederland, our greatest assets are our reaidents - the diverse people who live. work, play and contribute to all aspects of our unique mountain community.

Nederland is a complete community guid ed by a shared vision reflecting community values and priorities. It is a place where our children theive and people connect; neighbars know and care for one another, and community members are proud of their town, their deep and rich history, and a guar ity of life that is both doliberate and second to nome.

#### Our Community providy maintains its

small-town feel and distinct identity-a small its beautiful, leas its p our lown has grow **ROCKY MOUNTAIN** LAND USE INSTITUTE corries many a healthy economy a

healthy environment is essential for both

In 2020, Nederland is a Town Recognized for its Trails, Natural Areas and unwavering commitment to the Environment, Open Spaces are abundant and balanced with Active Recreation Areas and Opportunities. Nederland's Sunounding Wilderness Area and other sensitive Natural Areas are Restored. Protected and Preserved.

in 2020. Nederland continues to focus planning and economic development activities on efforts that address:

- Alternative Energy Sources to fossil fuels for Transportation
- Alternatives for building and the use of Sustainable Material
- Non-Motorized Travel in Town
- Clean Ax, Clean Water and Water Conservation in and around Nederland
- Connections to the Outdoor Environment providing Active, Healthy Lifestyles for people of All Ages ٠
- Minimal/Reduced Light and Noise Pollution

In 2020, Nederland's Elected Leaders are Quarfield, Competent, and Representative of the Entire Community. They are committed to Open and Dear Communication with Yown Staff and All Citizens. They Actively Encourage Connections between Residents. Service Providers, Bosinesias and Government. Critical information is Easily Accessuitie to AL and residents. Feel Included and have a Series of Responsibility and Ownership in the Governance Process.

is 2020, Nederland provides Arts and Culture, Education and Community Activities that include the Entire Community and provide Opportunities for Youth.

In 2020, Every Student in Nederland Schools is afforded the Opportunity to Succeed Regardless of Ability, Nederland's Education System is Strong, has High Levels of Parental Involvement and Higher than Average Youth Resortion Rates.

In 2020, Nederland has an Accessible Social Service System for Community Members, The Community ensures that its Aging Population remains Healthy Fully-Integrated and an Active Part of the Community

In 2020, Nederland's Economy is Local, Community Based, Bell Sufficient and is Characterized by Diverse and Essential Products, Services and Jobs that support the Local Commanity and are Mincha of Potential impacts on the Environment.



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STURM COLLEGE OF LAW In 2020, Nederland: Supports its Local Businesses, and Works to Attract

The Continue to Cont

hile Supporting Local

Values, Qualities and the 2020 Vision.

The Market State of Trans. An operation of the International State on Approximation of the Approximation of Trans.

## Planning





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Over the next several years (in the same meeting room) the following major planning documents were debated, created and approved.







#### In a town known for applauding individualism, and honoring new ideas.







#### ... even celebrating our cryogenically frozen dead resident.





Shop



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### ... even celebrating our cryogenically frozen dead resident. March 13-15, 2015



RMLU

ROCKY MOUNTAIN

LAND USE INSTITUTE

Shop







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#### back to those... planning documents Debated, Created, & Approved:







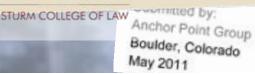
### Community Wildfire Protection Plan (CWPP)

May 20





Prepared for: Nederland Fire Protection District and Timberline Fire Protection District ESTERN PL Nederland, Colorado



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NEDERLAND FIRE PROTECTION DISTRICT

COMMUNITY WILDFIRE PROTECTION PLAN

### action plan Nederland Signed On The Boulder County Zero-Waste Action Plan

ADOPTED

Feb 2012+

As directed by Boulder County's 2005 Zero Winste Resolution, this plan sets forth a vision for attaining Zero Winste "or dam near" treatation. Bouder County, including anincorporated area as well as menopolities, by 2025.

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boulder county

NEDERLAND AREA PARKS, RECREATION, OPEN SPACE, AND TRAILS MASTER PLAN FEBRUARY 2013

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KOWN OF

#### Parks, Recreation, Open Space, and Trails Master Plan



Feb 20



#### Nederland became the first Solar Friendly Community in Boulder County





EARNED May 2013





#### Increased our resiliency from Earth, Wind and Fire







# ... even if they recorded in Nederland

EARTH!

DE CIVE MORE MICHTY DEVOTION/TAIR SUT SO UNCOOL/TELIN SUE AADMA ETCH DE TMO DEUM SOND/THE NEW CHEE BIT/SASACCIC MOCO/CARDOL/TOPIN CUR PUS







**WESTERN PLACES** 

OPEN OUR EVES

FIRE

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#### Nederland became the first Firewise Community in Boulder County

Town of Nederland Colorado

is awarded Firewise Communities/USA status

**June 2013** 

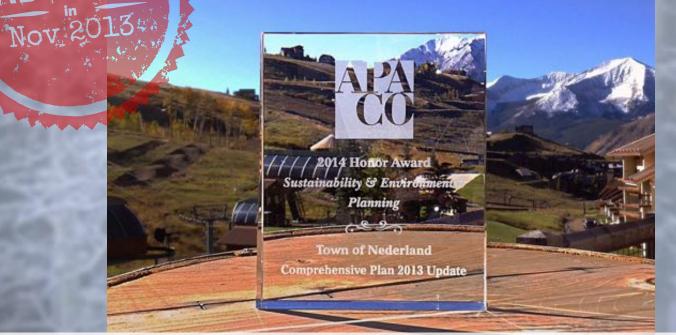
June 2013

NT COMMUNITIE

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#### The Award-Winning 2013 Comprehensive Plan





NNPTED



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STAR Community Rating System



#### Nederland selected for the Leadership STAR Community Program (smallest town in U.S.





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Jan 20







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RMIII

ROCKY MOUNTAIN

## Master Infrastructure Plan

our first

Master Infrastructure Plan for the



Sustainability Action Plan Nederland Colorado

NEDERLAND

Let's Pull Together'

#### Nederland's first Sustainability Action Plan

NedSustainable Nederland, Colorado is just a litile bit cooler Recerct by C2 Sustainabity, LLC



onimultiple levels





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# Community Center Site Master Plan

MASTER PL



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**Canada** Thistle

Citation enventie (Breea)

Diffuse Knapweed Centaurea offuse

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**ROCKY MOUNTAIN** LAND USE INSTITUTE

towards top. Follage is strong-smelling when crushed. Toxic for animals or humans to ingest. Blooms: Flowers haly-September Controls: Reproduces from seed or root. Needs

chemical control. (CD List B).

at base. Taproot.

Clusters of 1-5 small flowers per branch. Stem erect, hollow, lower covered with fine hairs. Leaves lance shaped, spine tipped lobes, bairless or fine bairs. Rocette at bottom is epiny topped with wavy leaves.

Roots extensive, fleshy, creeping, to-ning colonies.

alternate, deeply divised into narrow segments. Steres often purglish-red, heaving scont

Description: 15-2 ft tall. Flowers white or lavender, solitary or on clusters on each branch tip. Yellow-brown spiny bracts with pronounced tip and hinged edges. Young leaves covered with fine hairs. Leaves finely-divided, becoming reduced as the plant

matures. Becomes a turnbleweed in winter. Routte

Blooms: Seeds germinate in spring or late surveyer. Plants bolt in mid-spring. Howers June-August

vers: Rosette every spring, Flowers Jace-October-**The Noxious Weed Management Plan** 

Nederland Noxious Weed List 2014 Description: 2-4 ft tall. Flowers pink, purple, 3/-5/" wide.

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ADD, Tan 20



#### Nederland is selected for the EPA's program: Building Blocks for Sustainable Communities







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Smart Growth

BUILDING BLOCKS FOR

1000

Town of Nederland Source Water Protection Plan – Final Draft

Boulder County, Colorado December 2014

#### Nederland's first Source Water Protection Plan





Written by: Mark Weriti, P.E. Project Manager Town of Nederland

Coordinated by: Dylan Eller Source Water Specialist Celerado Rural Water Association

For the Community Water Provider Town of Nederland PWSID: C00307538





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## Need for Action





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# All of those Master Plans are sitting on a shelf.







#### Where else would you put them?







## Furthermore, while those plans were being written...







## The Mountain Pine Beetle Epidemic









## The Fourmile Canyon Fire





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...along with drought and other climate change events,

## ...have all impacted Nederland





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# ... highlighting the importance of adopting a Sustainability Action Plan.







# #NedZero needed to be a dynamic, living, action plan that would grow organically.







## For example: The 2013 Flood closed our major road to Nederland, illustrating the leed for a localized economy.







#### Resiliency has shifted from an idealistic vision, to an urgent need.







# Need for Crowd-Sourcing





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#### what? ..

#### Crowd-Sourcing is Distributed Problem Solving. ...and here's why we need it.







# We cannot afford to allow these master plans to sit on a shelf.







# ...or drop the ball on some items in favor of others.





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#### Why can't we expect Town Hall to do it for us?







## We're already arm-wrestling over limited resources

## (and Resiliency is loosing)

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## We created #NedZero

## as a vehicle to leverage

#### our greatest asset.





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## So, #NedZero is a tool for our community of volunteers, companies and organizations.







## So, **#NedZero is a tool for our** community of volunteers, companies and organizations. to facilitate and synthesize Distributed Problem Solving





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# Tracking Progress





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#### All too often, we hear small town's say...







#### "We're too busy putting out fires with duct tape and bailing wire, to be 'wasting our time' tracking and measuring."





## hogwash





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As the smallest town selected for the Leadership **STAR Communities Program Nederland will lead the way** in developing a tracking system.





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#### Using #NedZero, crowd-sourced tracking requires minimal paid staff time.







## #NedZero also provides an accessable feedback loop.







## We have a big goal ... To be the most sustainable small town in the U.S.







## It is a "We choose to go to the Moon" type of goal.



## Your Turn





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## Go to: http://nedzero.co







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## the Background tab

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Archine Inc.







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## There are 8 Categories in the Action Plan

#### Action Plan

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6. Climate

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## Check out Search

#### Action Plan

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#### Relationship to Existing Plans/Initiatives:

6. Climate & Energy

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RMLUI ROCKY MOUNTAIN LAND USE INSTITUTE



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## Scroll down for the Relationship to other Master Plans



#### Relationship to Existing Plans/Initiatives

Aspirational Goals

#### Asplicational Geals:

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- then Action Items
- Move Netterland to a low or
- (which are clickable)

#### Action itema:

D. Gonvesunity (Halog - #hatf2wo WommunityElairs)

+ 60-81: Converse an Energy Weinhaltnee Advisory Bland to plan for the next apportunity to revise the lines is seen with Electrony Providers and hep and the Erwick Supply to knew to no carbon bread

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- # 80-81. Consider satisfication for purchasing famil within the dane lower sheets for parising PODE is upstumption with the Town's parising plan-
- 80-82: Id conjunction with the Land Usia element of the Completioners Plan.

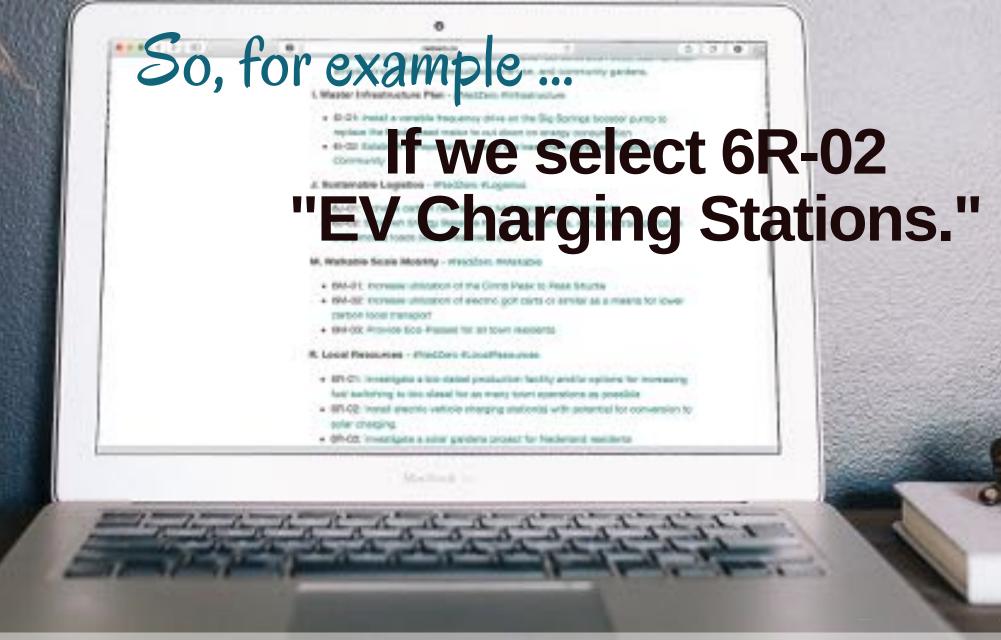




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### WESTERN PLACES

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## Ramadoring Chops in Completing Remaining tasks to be completed How to get involved Subscribing to get updates

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Further down are ...





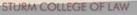
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#### WESTERN PLACES BUILDING FAIR & RESILIENT COMMUNITIES



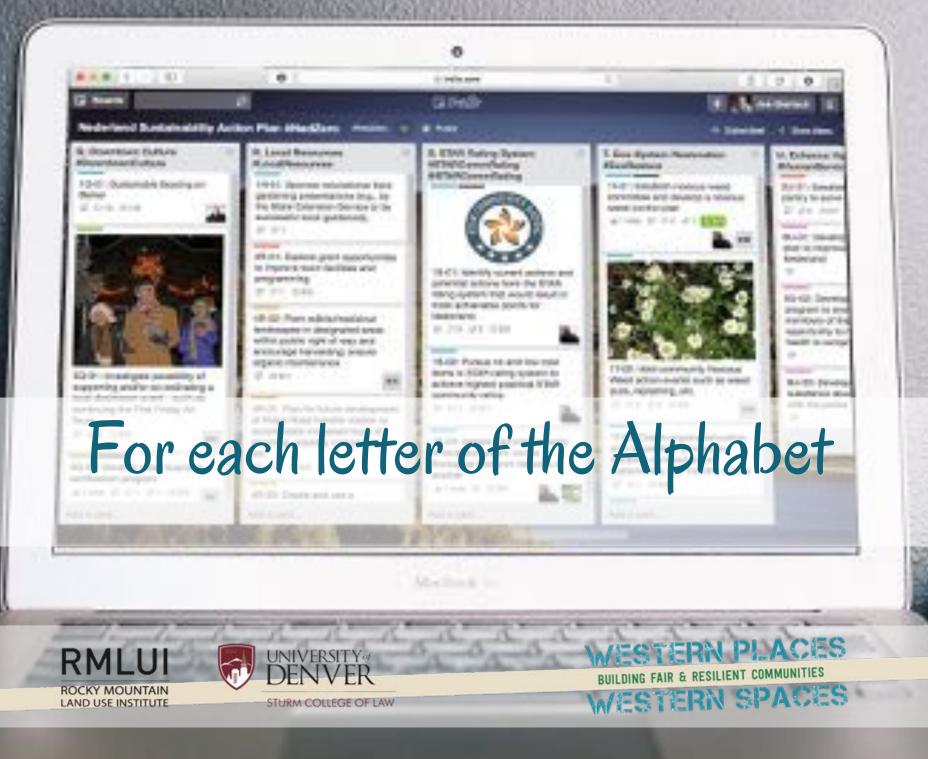
Marillon & Inc.

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# We're really busy mining hashtags





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# These 26 Conversations are listed in #NedZero





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# You can subscribe to any feed that interests you.







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# You can also contribute to the conversation.







## If you type: #NedZero #HumanServices on Facebook



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ES

# We'll put it on: U. Enhance Human Services



February 36, 2018

@Joe\_Gierlach

Ned Pood Pantry fundraiser Sat May 2, #NedZero #HumanServices http://b.me/88t/imDuMS



# **Distributed Problem Solving**







# This link on #NedZero #HousingNeeds

#NedZero



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ROC

LAND

@jseav19

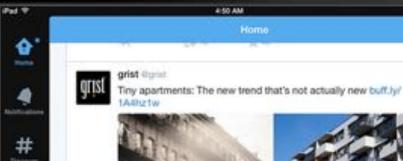
: What is the most sustainable way to solve Nederland's ithousingneeds that will be in alignment with its sustainability vision? inedzero from http://ift.tt/129K5gG

Hadring Mining Connectorium for A. Housing Needs

WedZero #HousingNeed

http://itt.tt/1HkiCvk

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# ...came from Twitter

medium.com/p/d-someone-h...



What is the most sustainable way to solve Nederland's thousingneeds that will be in alignment with its sustainability vision? #nedzero 12

Jesse Seavers (lideav10)

13 LooisColumbus retweeted



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÷.,

Joe McKendrick Ejeemskendrick RT @ISBAsays 'When people ask me 'mobile first or digital first?' I respond people first." @DavidSable, CEO @YoungRubicam

\* 2



## another from the Action Plan



#### Part P 1 643 AM March 9, 2015 odition of 71% BD1 @jseav19 : What is the most sustainable way to solve Nederland's illhousingneeds that will be in alignment with its sustainability vision? #nedzero from http://it.tt/129K5gG http://ift.tt/1Hk/Cvk

February 23, 2015

2A-01: Complete community housing needs assessment Nederland Sustainability Action Plan

#NedZero A. Housing Needs #HousingNeeds 2A-01: Complete community housing needs assessment http://mtm/tAA83J2 The Planning Commission will be review the housing needs assessment in its next meeting on March 25th, jseav19

February 23, 2015

@Joe\_Gierlach

Tiny House in a Landscape http://t.co/7oOO3048KS #NedZero #HousingNeeds from http://itt.m/1JBvh5D.http://itt.m/1DbaDOS

#### RN PLACES **RESILIENT COMMUNITIES** ERN SPACES

# Pulling from across all sorts of social media

8+

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It also aggregates borrowed tools from other apps. For Example ...









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# go to #NedZero

# click on the menu

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WELCOME

TATA PPPP

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- ACTION PLAN

1. ECOSYSTEM RELATIONSHIPS

2. COMMUNITY

3. OUR WATER

4. NUTRIENT

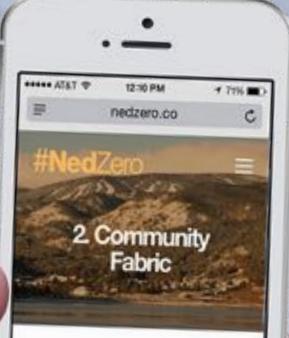
5. ECONOMY & JOBS

6. CLIMATE & ENERGY

7. BUILT ENVIRONMENT Second major category

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FLAW



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# scroll down or use search

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# **2M-10 Commonplace Boulder**

SARAN ATAT T

# Click for more info



Moderna, and a second sec

12:71 PM

- community vehicle sharing programs
- O. Open Space Management -INedZero I/OpenSpace
  - 20-01: Gather public input regarding needs for additional area trails and

# FAIR & RESILIENT COMMUNITIES

## Notice that there is no Champion listed

## It's also not included in the 2015 Budget



2M-10: Use the Commonplace Boulder Tool to assess the current and future needs of Nederland pedestrians, for a walkable scale community.

12:02 PM

4.22%

Lead Organization: Nederland Downtown Development Authority Support Organization: Boulder County Transportation

Champion: open Co-Champion: open

TALK CONST

Cource: 2013 Comprehensive Plan 2015 Town Budget/Resources: Not included in 2015 Budget.



# You can post geo-located pictures to Twitter and tag: **#NedZero** #walkable **#boulderAMPS**

# Here's the link





boulder.commonplace.is/ comments to this card Feb 5, 2015 at 7:40 AM

Jesse Seavers added Remaining Steps to Completion to this card

lov 9, 2014 at 6.15 PM

CES ITIES ACES

# The Boulder Commonplace App pops up. Someone already posted a photo

AREAS ATAT

Boulder

STW IND ST

Nederland

bouider.commonplace.

102155

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5711.57



# Voilà! (french for 'boom')

Boulder

Annesome community garden space

#JSEAV19

in Bouktey shoulder any hap in collar Grung

3



STU

# Be a part of the solution. #NedZero #CommunityDialogue









# WESTERN PLACES

# http://www.slideshare.net/joegierlach



