Introducing
#NedZero
and How to Use It
A Presentation for

WESTERN PLACES
BUILDING FAIR & RESILIENT COMMUNITIES
WESTERN SPACES

hosted by

RMLUI
ROCKY MOUNTAIN LAND USE INSTITUTE

UNIVERSITY OF DENVER
STURM COLLEGE OF LAW
A Presentation by
Mayor Joe Gierlach
Nederland, Colorado
#NedZero
Vision
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.

Adopted in Sept 2011
Guess What?

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

Adopted in Sept 2011

Western Places
Building Fair & Resilient Communities
Western Spaces
The Nederland Board of Trustees adopted Envision 2020 as our guiding document.
The Nederland Board of Trustees adopted Envision 2020 as our guiding document.

...if you want to.
A poster of Envision 2020 hangs on the wall of our main meeting room.

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 Surrounding 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 Air, Clean Water and Water Conservation in and around Nederland
- Connections to the Outdoor Environment providing Active, Healthy Lifestyles for people of All Ages
- Minimizing Reduced Light and Noise Pollution

In 2020, Nederland’s Local Leaders are: Qualified, Competent and Representative of the Entire Community. They are committed to Clear Communication with Town Staff and All Citizens. They actively encourage connections between Residents, Service Providers, Businesses and Government. Critical information is easily accessible to all, and residents feel included and have a Sense of Responsibility and Ownership in the Governance Process.

In 2020, Nederland provides Arts, 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 Retention 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, Self-Sufficient and is characterized by diverse and essential products, services and jobs that both support the local community and are mindful of potential impacts on the environment.

In 2020, Nederland encourages and welcomes new, non-traditional community members. The Community recognizes and values a balanced relationship between young and old, and between residents and visitors. The Community Consistently renews itself while welcoming back to our origins while maintaining a Renewed appreciation and respect for our natural environment.

In 2020, Nederland supports its local businesses and works to attract new businesses that enhance local services, while supporting local values, qualities and the 2020 vision.

Envision 2020
Nederland, CO
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.
... even celebrating our cryogenically frozen dead resident.

March 13-15, 2015
back to those...
planning documents
Debated, Created, & Approved:
Community Wildfire Protection Plan (CWPP)

Prepared for:
Nederland Fire Protection District and
Timberline Fire Protection District
Nederland, Colorado.

Adopted in May 2011

NEDERLAND FIRE PROTECTION DISTRICT
COMMUNITY WILDFIRE PROTECTION PLAN

WESTERN PLACES
BUILDING FAIR & RESILIENT COMMUNITIES
WESTERN SPACES
boulder county zero waste action plan

As directed by Boulder County’s 2005 Zero Waste Resolution, this plan sets forth a vision for attaining Zero Waste “or darn near” throughout Boulder County, including unincorporated area as well as municipalities, by 2025.
Parks, Recreation, Open Space, and Trails Master Plan
Nederland became the first Solar Friendly Community in Boulder County

Earned in May 2013
Increased our resiliency from Earth, Wind and Fire
... even if they recorded in Nederland
Nederland became the first Firewise Community in Boulder County.

Town of Nederland, Colorado

is awarded Firewise Communities/USA status

June 2013
The Award-Winning
2013 Comprehensive Plan

Adopted in Nov 2013
Nederland selected for the Leadership STAR Community Program (smallest town in U.S.)
our first Master Infrastructure Plan adopted in Aug 2014
Nederland's first Sustainability Action Plan

Prepared by C2 Sustainability, LLC
Community Center Site Master Plan

Adopted in Jan 2015

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WESTERN PLACES BUILDING FAIR & RESILIENT COMMUNITIES
WESTERN SPACES
The Noxious Weed Management Plan

### Canada Thistle
*Cirsium arvense (Green)*
- **Description:** 2-4 ft tall. Flowers pink, purple, ½-½” wide. Clusters of 3-5 small flowers per branch. Stem erect, hollow, lower covered with fine hairs. Leaves lance shaped, spine-tipped lobes, hairless or fine hairs. Rosette at bottom is spiny-tipped with many flowers. Roots extensive, flashy, creeping, forming colonies.
- **Bloom:** Rosette every spring. Flowers June-October.
- **Control:** Reproduces from seed or root. Seeds chemical control. (CD List B).

### Common Tamn
*Tanacetum vulgare*
- **Description:** 1½-2 ft tall. Flowers white or lavender, solitary or in clusters on each branch tip. Yellow button-like flowers with pointed tips. Alternate, deeply divided into narrow toothed segments. Stems often purplish-red, heavily branched towards top. Foliate is strong-smelling when crushed. Tox for animals or humans to ingest.
- **Bloom:** Flowers July-September.
- **Control:** Reproduces from seed or root. Seeds chemical control. (CD List B).

### Diffuse Knapweed
*Centaurea diffusa*
- **Description:** 1½-2 ft tall. Flowers white or lavender, solitary or in clusters on each branch tip. Three-branched, spiny bracts with pronounced tip and fringed edges. Young leaves covered with fine hairs. Leaves finely divided, becoming reduced as the plant matures. Becomes a black weed in winter. Rosette at base. Tox for.
- **Bloom:** Seeds germinate in spring or late summer. Plants hard in mid-spring. Flowers June-August.

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Adopted in Jan 2015
Nederland is selected for the EPA's program: Building Blocks for Sustainable Communities
Nederland's first Source Water Protection Plan
Need for Action
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
The 2013 Boulder Flood
...along with drought and other climate change events,

...have all impacted Nederland
... highlighting the importance of adopting a Sustainability Action Plan.
#NedZero needed to be a dynamic, living, action plan that would grow organically.

...and adapt to our changing needs.
For example:
The 2013 Flood closed our major road to Nederland, illustrating the need for a localized economy.
Resiliency has shifted from an idealistic vision, to an urgent need.
Need for Crowd-Sourcing
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.
Why can't we expect Town Hall to do it for us?
We're already arm-wrestling over limited resources

(and Resiliency is loosing)
We created #NedZero as a vehicle to leverage our greatest asset.
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
Tracking Progress
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
As the smallest town selected for the Leadership STAR Communities Program Nederland will lead the way in developing a tracking system.
Using #NedZero, crowd-sourced tracking requires minimal paid staff time.
#NedZero also provides an accessible 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
Go to:  http://nedzero.co
the Background tab

Explains how we got here
There are 8 Categories in the Action Plan
Aspirational Goals
then Action Items
(which are clickable)
So, for example ...

If we select 6R-02 "EV Charging Stations."
It Explains

- Organizations Involved
- Who is the Champion
- How it is Funded
- Links to Updates
Further down are...

- Remaining tasks to be completed
- How to get involved
- Subscribing to get updates
There are 26 Columns

Underneath it
For each letter of the Alphabet
...and a hashtag in the header of each column.
We're really busy mining hashtags
These 26 Conversations are listed in #NedZero
You can subscribe to any feed that interests you.
You can also contribute to the conversation.
If you type:
#NedZero #HumanServices on Facebook
We'll put it on:
U. Enhance Human Services
Distributed Problem Solving
...came from Twitter
another from the Action Plan
Pulling from across all sorts of social media
It also aggregates borrowed tools from other apps. 

For Example ...
go to #NedZero

click on the menu
Suppose you pick

2. Community Fabric

Second major category
scroll down

... or use search
2M-10 Commonplace Boulder

Click for more info

- 2M-10: Use the Commonplace Boulder Tool to assess the current and future needs of Nederland pedestrians, for a walkable scale community.
- 2M-11: Investigate community vehicle sharing programs.

D. Open Space Management - #NedZero #OpenSpace

- 20-01: Gather public input regarding needs for additional area trails and
Notice that there is no Champion listed.

It's also not included in the 2015 Budget.
You can post geo-located pictures to Twitter and tag: #NedZero #walkable #boulderAMPS

Here's the link ...
The Boulder Commonplace App pops up.

Someone already posted a photo.
Voilà!
(french for 'boom')
Be a part of the solution.

#NedZero #CommunityDialogue