

**THE GEOTHERMAL
GREENHOUSE
PARTNERSHIP**

Growing Food and
Community with
Local Energy

PAGOSAGREEN.ORG





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Community with
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Our Mission is to Educate the Community in Sustainable Agricultural Practices by Producing Food Year-Round Using Local Renewable Energy.

A remarkable all-volunteer community project, the Geothermal Greenhouse Partnership (GGP), a nonprofit 501c3, began with a casual conversation in 2009 between two Town of Pagosa Springs officials. The conversation ignited a passionate movement to build three greenhouses that would draw their energy from the town's pride and joy, the deepest geothermal hot springs in the world. The greenhouses' noble mission would be to educate the community in sustainable agricultural practices by producing food year-round using local renewable energy.

Fast forward to 2016, the first dome, the Education Growing Dome, was erected on the GGP site, at 5th St. on the San Juan River in downtown Pagosa Springs. Seeded, the greenhouse plants are growing in abundance.



GEOTHERMAL GREENHOUSE PARTNERSHIP

Site Plan Key Notes

1. Main Entrance
2. Central Walkway
3. Education Dome
4. Community Dome
5. Commercial Demonstration Dome
6. Public Outdoor Gardens
7. Geothermally Heated Central Plaza
8. Geothermally Heated Terraced Amphitheater
9. Service entrance
10. Market Stand
11. Geothermal Fountain and Display
12. Public Beach
13. Town Geothermal Building
14. Landscape Entry Gardens
15. 5th Street R.O.W. (80 feet)
16. Existing Community Garden
17. Existing Geothermal Drain Structure
18. McCabe Creek
19. County Building





Fall 2016: The First Annual GGP Member Appreciation Party Was Held To Celebrate the Completion of the Education Growing Dome's exterior





GGP's First Annual Signature Fundraiser, Breakfast With Balloons, was a sold out success. A gourmet breakfast with champagne was served from our premiere viewing site during the Pagosa Chamber's ColorFest Balloon Ascension.



A True Community Collaboration



Pagosa Springs H.S. cross country team loaded soil into beds



One of Santa's elves on Christmas Eve day



GGP volunteers tending the plants.





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Available Sponsorships – an avenue to an engaged audience

July Concert in the Amphitheatre

Second Annual Breakfast With Balloons

Amphitheatre Tent Shades

Audio/Video Equipment for Programming and Lectures

What's next?

Matching Grant Needs -

The Colorado Garden Foundation recently announced a 2018 award of \$34K to help build the second dome, the Community Gardens dome. \$34K in matching funds are needed to receive the award.

Programming –

The committee is working toward educational programming for youth and adults. Curriculum and workshops should begin in second quarter, 2017

Staffing / Exterior Landscaping –

Funding is required for a part-time staff person and exterior landscaping.

Volunteer Engagement -

Encourage volunteerism and participation in the GGP membership-based organization





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Your help is needed.



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Thank You to Our Many Supporters

Town of Pagosa Springs
U.S. Senator Michael Bennet
U.S. Senator Mark Udall
U.S. Representative Scott Tipton
Colorado Governor John Hickenlooper
Colorado Senator Bruce Whitehead
Colorado Senator Ellen Roberts
Laura Jane Musser Foundation
Colorado Environmental Film Festival
Colorado Water Conservation Board
Colorado Department of Local Affairs
Colorado State University Extension
Colorado Energy Office
Colorado Alliance for Environmental Education
Colorado Agritourism Association
Region 9 Economic Development District
Reynolds & Associates Architecture Engineering
Courtney King Architect
Archuleta County
San Juan Basin Area Agency on Aging
San Juan Basic Water Roundtable
Pagosa Springs Chamber of Commerce

Pagosa Springs Community Development Corporation
Colorado Garden Foundation
Pagosa Springs Visitors Center
Four Corners Office for Resource Efficiency
Davis Engineering UCAL, Inc. / Don Ford
Archuleta School District Archuleta Seniors, Inc.
Downtown Colorado, Inc.
Ballantine Family Fund
Community Foundation Serving Southwest Colorado
Growing Spaces Vets for Vets
Southwest Organization for Sustainability
Weminuche Audubon Society
Mountain High Gardeners Club
Baker Heirloom Seed Company
Downtown Pagosa Merchants
Black Hills Energy Jaynes Corporation
Bank of Colorado Citizens Bank
1st SouthWest Bank Rio Grande Savings & Loan
Pagosa Baking Company Day Lumber
Doors & More Pagosa Verde Pagosa Nursery
Old Town Market Two Old Crows Gallery
Our Many Individual Patrons and Sponsors

INTERNAL REVENUE SERVICE
P. O. BOX 2508
CINCINNATI, OH 45201

DEPARTMENT OF THE TREASURY

Date: **OCT 30 2012**

GEOHERMAL GREENHOUSE PARTNERSHIP
INC
PO BOX 3417
PAGOSA SPRINGS, CO 81147

Employer Identification Number:
45-4786340
DLN:
17053199398022
Contact Person:
EDWARD S SCHLAACK ID# 31536
Contact Telephone Number:
(877) 829-5500
Accounting Period Ending:
December 31
Public Charity Status:
170(b)(1)(A)(vi)
Form 990 Required:
Yes
Effective Date of Exemption:
January 16, 2012
Contribution Deductibility:
Yes
Addendum Applies:
No

Dear Applicant:

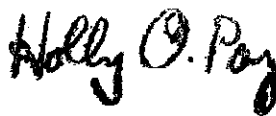
We are pleased to inform you that upon review of your application for tax exempt status we have determined that you are exempt from Federal income tax under section 501(c)(3) of the Internal Revenue Code. Contributions to you are deductible under section 170 of the Code. You are also qualified to receive tax deductible bequests, devises, transfers or gifts under section 2055, 2106 or 2522 of the Code. Because this letter could help resolve any questions regarding your exempt status, you should keep it in your permanent records.

Organizations exempt under section 501(c)(3) of the Code are further classified as either public charities or private foundations. We determined that you are a public charity under the Code section(s) listed in the heading of this letter.

Please see enclosed Publication 4221-PC, Compliance Guide for 501(c)(3) Public Charities, for some helpful information about your responsibilities as an exempt organization.

GEOHERMAL GREENHOUSE PARTNERSHIP

Sincerely,

A handwritten signature in black ink that reads "Holly O. Paz". The signature is written in a cursive, slightly slanted style.

Holly O. Paz
Director, Exempt Organizations
Rulings and Agreements

Enclosure: Publication 4221-PC

From: "Vigil - DNR, Dori" <dori.vigil@state.co.us>
Subject: **WSRA Grant Approval - Geothermal Greenhouse Partnership Project**
Date: March 20, 2014 4:29:45 PM MDT
To: sallyhigh@skywerx.com, paulineb@centurytel.net
Cc: Mike Preston <mpreston@frontier.net>, april@aprilconsulting.com,
Craig Godbout - DNR <craig.godbout@state.co.us>

Congratulations! On March 19, 2014, the Colorado Water Conservation Board (CWCB) approved your grant application for funding from the Water Supply Reserve Account.

Next Steps:

The Water Activity Summary Sheet may have summarized any conditions/issues/additional needs which must be addressed prior to contracting with the State. Please address these items at your earliest convenience. **In addition, there may be potential modifications and updates to Exhibit A (scope of work), budget and schedule. This information must reflect the most current and accurate details for your project.** Staff will be happy to answer any questions to clarify the requested information, if any. Upon receipt of the information it will be reviewed to ensure that it fully addresses the issues and additional needs and meets procurement guidelines.

Once this information is received and reviewed it will become part of a contract document between the State of Colorado and the applicant. In simple terms the applicant is agreeing to perform the work contained in **Exhibit A** within the terms of the budget and schedule and will in turn be reimbursed for eligible expenditures. The work products produced are the value that the State is receiving for the use of the funds.

It is important to note that the State contracting procedures take time. It normally takes between 30-45 days once we have all required information and signed documents. If timing is important to you please make sure you submit your updated information as soon as possible. Also please keep in mind that you must enter into a contract within 6 months of CWCB approval.

A W-9 form (Request for Tax Payer Identification Number and Certification) must be received for contracting purposes by you. Current proof of adequate insurance is also required and must include **general liability listing the State of Colorado as "additional insured", auto and workers compensation coverage's** for grant contracts as detailed in the attached sheet (see attached example certificate). **In the event you or your company does not own autos or have employees, provided a letter on company letterhead stating this fact.** A current Certificate of Good Standing must be documented with the Secretary of State. This information can be emailed to me at the address below. An invoice tracking spreadsheet is also attached. Completion and submittal of this table is strongly encouraged to help streamline project management throughout the process.

Please contact Craig Godbout, Project Manager at [\(303\) 866-3441 ext. 3210](tel:3038663441) or at craig.godbout@state.co.us for specific project task inquiries.

Thank you once again for all your work.

Best,

Dori Vigil
Colorado Water Conservation Board
Water Supply Planning Section

1580 Logan Street, Suite 200
Denver CO 80203
(303) 866-3441 x3250
dori.vigil@state.co.us

On Wed, Mar 12, 2014 at 3:47 PM, Vigil - DNR, Dori <dori.vigil@state.co.us> wrote:
Good Afternoon,

On behalf of the Colorado Water Conservation Board (CWCBC) I want to thank you for your application for funding from the Water Supply Reserve Account.

Below is the link to the CWCBC Board meeting agenda to which you can refer to your specific item **17(i)**. From this link you will be able to view the specific summary sheet which gives a brief summary of your grant application, a discussion section, a summary of issues/additional needs, and staff's recommendation to the CWCBC Board regarding funding of the application. These documents are attached to this email as well.

<http://cwcbb.state.co.us/public-information/board-meetings-agendas/Pages/March2014NoticeAgenda.aspx>

The CWCBC Board will review staff's funding recommendations on Tuesday, March 18, 2014. This meeting will be held in Denver, CO at the History Colorado Center located at 1200 Broadway, Denver CO 80203. It should be noted that the Board is not bound by staff's recommendations and may decide to modify or not approve staff's recommendation.

As you can see staff has recommended funding of your application; **however** this recommendation is conditioned on the successful resolution of the issues/additional information needed (see summary sheet for specific information) **prior** to contracting and funding (based on invoicing). I strongly encourage you to attend the Board meeting, or if necessary be available by phone the day of the meeting to answer any questions or concerns the Board may have regarding your application. Depending on the magnitude of potential issues you may wish to have some preliminary thoughts on how you will answer/address the issues. The staff will be available by phone if necessary to answer your concerns as well. It is also important to begin working on resolving the issues in order to minimize delays in the contracting process. You should be aware that the Board may identify other issues which need to be addressed. If this should occur, updated information will be provided to you following the Board meeting.

I have done my best to summarize the information in a brief and clear manner. Nevertheless, I realize that I may not have fully understood some aspect of the application and my comments may not be clear. Over the next few weeks I look forward to working with you to resolve any misunderstandings and obtain the needed information.

If you would like to listen to the audio portion of the meeting while it is going on, the CWCBC's meetings are made available through live audio streaming. To listen to the proceedings, click the "Listen to the meeting LIVE!" link on the CWCBC website homepage at <http://cwcbb.state.co.us/Pages/CWCBCHome.aspx>. The "Listen to the meeting LIVE!" link will be posted just prior to the start of the meeting. Listeners must have a program on their computer or mobile device that handles streaming media (such as Windows Media Player, RealPlayer or similar) in order to hear the audio broadcast.

Finally, please forward this information to any entities that may have helped or participated in the development of the application.

Thank you very much for your participation and effort preparing your application to the WSRA!

Again, if you have any questions, please feel free to call or e-mail me.

Sincerely,

Craig Godbout
Program Manager
Colorado Water Conservation Board
Water Supply Planning Section
1580 Logan Street, Suite 200
Denver CO 80203
[303\) 866-3441, ext 3210](tel:3038663441) (office)
[303\) 547-8061](tel:3035478061) (cell)
craig.godbout@state.co.us



COLORADO
Energy Office

1580 Logan St, Suite 100
Denver, CO 80203

March 20, 2015

Kevin Patterson
Interim Executive Director
Colorado Department of Local Affairs
1313 Sherman Street, Room 518
Denver, CO 80203


Dear Mr. Patterson,

I am pleased to provide this letter of support for the Geothermal Greenhouse Partnership Park project in the Town of Pagosa Springs. The vision of the Colorado Energy Office is to help Coloradans live more prosperous and healthy lives by promoting innovative energy production and efficient energy consumption practices that are beneficial to the economic and environmental health of the state. The nonprofit Geothermal Greenhouse Partnership supports that vision, and the Town of Pagosa Springs is a leader in utilizing geothermal resources in ways that benefit the local and state economies.

Currently, geothermal resources are used in Colorado for pools, spas, greenhouse agriculture, aquaculture, space heating, and district-wide heating. Pagosa Springs remains committed to promoting and expanding the town's utilization of its geothermal resources. This is evidenced by the one-to-one funding match that the town is committing toward this project. In addition, the town has given land in Centennial Park, along with 100 gallons per minute of hot water. If funded, this project could allow the town to further capitalize on its geothermal resources by creating a park that demonstrates direct-use geothermal in sustainable agriculture. The park will provide a valuable educational experience to those who visit it, and will help demonstrate the economic opportunities that geothermal resources can provide.

The CEO recognizes that geothermal resources have the potential to play a very significant role in our state and national energy portfolio. The Geothermal Greenhouse Partnership Park will be a benefit to the local community. I respectfully request that the proposal submitted by Pagosa Springs be given due consideration and support.

Sincerely,


Jeffrey Ackermann
Director, Colorado Energy Office



On 1/20/2017 2:59 PM, Jim Fricke wrote:

Pauline,

Thanks for coming and presenting to the Board of Colorado Garden Foundation on Wednesday. The Board is very interested in your project and is offering your organization a \$34,000 major grant that is contingent on your group raising the first \$34,000 for the new greenhouse. Our funding will be awarded to you if those funds are raised by March 31, 2018. The funds would be awarded out of our 2018 grant cycle which means you would receive the funds in April or May of 2018. Please reply to this email that you are accepting our challenge grant.

Please let me know if you have any questions.

Jim Fricke
Executive Director
Colorado Garden Foundation
959 S. Kipling Pkwy, Suite 100
Lakewood, CO 80226
303-932-8100 x203
Fax 303-932-8101
A non-profit organization providing horticulture
scholarships and grants statewide

www.ColoradoGardenFoundation.org



Please consider the environment before printing this email.



October 21, 2014

Geothermal Greenhouse Partnership
Attn: Sally High, Vice President
PO Box 5333
Pagosa Springs, CO 81147

Dear Ms. High:

The Archuleta Board of County Commissioners supports the Geothermal Greenhouse Partnership's (GGP) request for funding. We have followed the activities of the GGP with interest and appreciation as these volunteers have raised funds both public and private, been instrumental in keeping the concept of geothermal energy in the public eye, and involved experts and elected officials in the project and the County's geothermal resource.

Though the project is located within town limits, its influence will extend throughout Archuleta County and the State of Colorado. We recognize that the heated growing domes in Centennial Park will serve to demonstrate how the County's geothermal resource can be used to benefit individuals (jobs and education), entrepreneurs (new businesses from agriculture to utilities) and the overall economy of the County. Environmental and water education is central to the mission of this nonprofit organization.

The Board of County Commissioners regards this grant as extremely important and recognizes that this will provide the GGP with additional aid in moving forward with its endeavors. Archuleta County is happy to provide In-Kind Services to the GGP in the amount of \$30,000.

Respectfully,

Clifford Lucero
Chairman

November 17, 2014



**ECONOMIC DEVELOPMENT DISTRICT
OF SOUTHWEST COLORADO**

Sally High
c/o Geothermal Greenhouse Project
PO Box 5333
Pagosa Springs, CO 81147

Re: Letter of support for Geothermal Greenhouse Partnership application

SERVING THE COUNTIES OF:

To Whom It May Concern:

ARCHULETA

DOLORES

LA PLATA

MONTEZUMA

SAN JUAN

**SOUTHERN UTE
INDIAN TRIBE**

**UTE MOUNTAIN UTE
INDIAN TRIBE**

The Region 9 Economic Development District of SW Colorado respectfully submits this letter of support for the Geothermal Greenhouse Partnership application for DoLA funding. The proposed project will benefit rural Archuleta County and includes the site preparation phase of the educational geothermal greenhouse park within Pagosa Springs' Centennial Park. It includes installation of geothermal, irrigation, and potable water infrastructures, and buried electric lines. Imported embankment will raise the site above flood plain while retaining walls and concrete sidewalks will set the groundwork for the construction of three greenhouses. Landscaping will retain an attractive appearance in the public park until construction of the botanic showplace is completed. The site spans the River Walk and is accessed by historic downtown Pagosa (Main) Street.

The timing of this project works with improvements to the River Walk area, and geothermal exploration and development currently occurring in the community. Region 9 supports the endeavor to create this educational and economic development draw the community. If you need any additional information, feel free to contact me at 970-247-9621.

Sincerely,

A handwritten signature in blue ink, appearing to read "Laura Marchino".

Laura Marchino, CEcD
Assistant Director Region 9 EDD

ADMINISTRATIVE OFFICES:

295A Girard St.
Durango, CO 81303
(970) 247-9621 PHONE
(970) 247-9513 FAX
e-mail: ed@scan.org
www.scan.org



RESOLUTION NO. 2014-14

A RESOLUTION OF THE TOWN OF PAGOSA SPRINGS, COLORADO, AUTHORIZING THE SUBMITTAL OF A DEPARTMENT OF LOCAL AFFAIRS ENERGY AND MINERAL IMPACT ASSISTANCE TIER II GRANT APPLICATION FOR GEOTHERMAL IMPROVEMENTS IN CENTENNIAL PARK

WHEREAS, in February 2010, the Town of Pagosa Springs entered into a Ground Lease with the Southwest Land Alliance (SLA) authorizing a lease of a portion of land in the Town's Centennial Park and the lease of a geothermal water tap; and

WHEREAS, in 2012, Ordinance No. 769 was passed by the Town Council authorized the termination of the ground lease and water tap with SLA and re-authorizing the same ground lease and water tap with the Geothermal Greenhouse Partnership (GGP); and

WHEREAS, the initial lease term ends in 2019, but a renewal option exists for another possible 25 years in 5 year successive terms; and

WHEREAS, The GGP has spent considerable time in the past two years in organizing as a 501(c)3 entity and seeking funding for the development and the initial design and planning work for the construction of the geothermal greenhouses; and

WHEREAS, the greenhouses to be placed in Centennial Park are seen as not only as an economic development demonstration site, but an additional opportunity to provide an educational and demonstration site for the community of Pagosa Springs and Archuleta County as well as the state of Colorado, and

WHEREAS, the GGP currently has secured approximately \$301,800 in cash and in-kind commitments to be used as match for the DoLA Tier II grant application; and

WHEREAS, of the \$301,800 in identified match funding, the Town of Pagosa Springs has committed \$105,000 in cash and infrastructure improvements towards the GGP project, and

WHEREAS, on October 23, 2014 the Town Council of Pagosa Springs voted to partner with the GGP and to submit to DoLA Energy and Mineral Impact Assistance Tier II grant application and to commit up to \$80,000 in capital development funding for infrastructure improvements, including bathrooms, related to the geothermal greenhouse project the Town's Centennial Park.

NOW, THEREFORE, BE IT RESOLVED BY THE TOWN COUNCIL OF THE TOWN OF PAGOSA SPRINGS,

- Section 1:** The Town Council of Pagosa Springs supports and authorizes the submittal of a Department of Local Affairs Energy and Mineral Impact Tier II grant application in the amount of \$301,800 for the development of infrastructure related to geothermal greenhouse project in Centennial Park.
- Section 2:** Town Council will commit up to \$80,000 in capital development funding for infrastructure improvements, which may include bathrooms, related to the geothermal greenhouse project in Centennial Park.

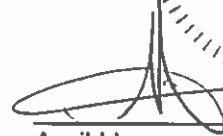
ADOPTED THIS 20th DAY OF NOVEMBER, 2014, BY THE TOWN COUNCIL OF THE TOWN OF PAGOSA SPRINGS,

BY:



Don Volger,
Mayor

ATTEST:



April Hessman, CMC
Town Clerk



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NEW: SATURDAY, JULY 1 HELLO DOLLFACE *"salty, sweet, aggressive, and visceral"*

Concert-goers will enjoy a beautiful evening of alternative and soul music at the Geothermal Greenhouse Partnership's Amphitheatre, on the San Juan River at 5th Street. Spectacular live music by HELLO DOLLFACE of Durango in a relaxing, but energizing, atmosphere under the GGP tents. Wine, beer, and snacks will be available for purchase. The GGP Amphitheatre has already proven to be the best venue in Pagosa Springs. Attracting locals and visitors, this is a great opportunity to be aligned with a stellar event. hellodollfacemusic.com

MAJOR SPONSOR: \$2000.

- Exclusive naming rights (Music on the San Juan brought to you by '-----')
- Your logo on the event tickets with your special offer on ticket back
- On-site space for your banner during the concert
- Space for two table signs on refreshment tables
- Ten (10) tickets to the concert
- Logo inclusion in a minimum of two (2) Pagosa Sun ads
- Inclusion in the rotating homepage banner at pagosagreen.org
- An ad (with website link) on pagosagreen.org
- Inclusion in a minimum of 20 Facebook postings
- Stage announcement inclusion (minimum: 3) at the event
- Sponsor table at the event to promote your business

SUPPORTING SPONSORS: \$500.

- On-site banner space at the concert entrance
- Four (4) tickets to the concert
- Logo inclusion in two (2) Pagosa Sun ads and five (5) Fb postings
- Logo inclusion (with website linkage) on an ad at pagosagreen.com
- Sponsor table at the event to promote your business





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Second Annual Signature Event Breakfast With Balloons

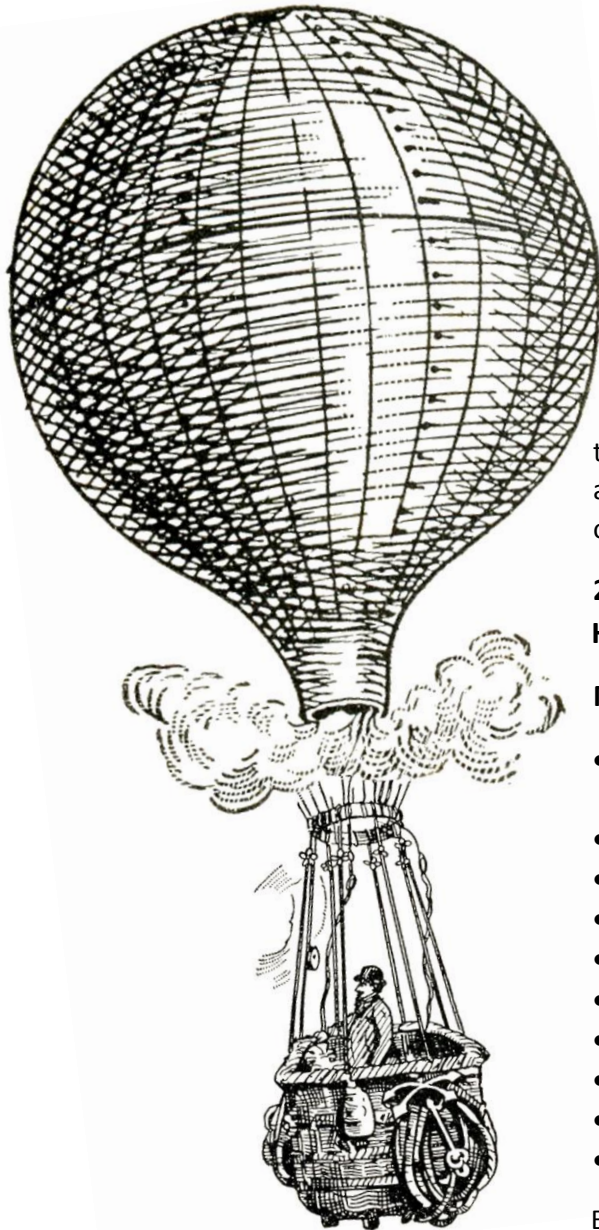
The First Annual Breakfast with Balloons was held on September 17, 2016 at the GGP Amphitheatre, the perfect viewing spot for the spectacular ColorFest hot air balloons ascension. At the sold-out event, a scrumptious gourmet breakfast, champagne, and beautiful morning was enjoyed by all. Pagosa's own, world-class saxophonist Bob Hemenger, entertained with mellow music throughout the morning.

**2017's event promises to be even better; more tickets & more marketing.
Here's an opportunity to market your business with this successful event.**

MAJOR SPONSOR (one only):

- Exclusive naming rights (Breakfast With Balloons brought to you by '-----'). All marketing will include your business name.
- Your logo on the event tickets with your special offer on ticket back
- On-site highly visible space for your banner / Space for two refreshment table signs
- Twenty (20) tickets to Breakfast with Balloons. Includes 20 keepsake champagne glasses.
- Logo inclusion in a minimum of two (2) Pagosa Sun ads
- Inclusion in the rotating homepage banner on pagosagreen.org
- An ad (with website link) on the Breakfast With Balloons page on pagosagreen.org
- Inclusion in a minimum of 20 Facebook postings
- Stage announcement inclusion (minimum: 3) at the event
- Sponsor table at the event: promote your business at the concert

Exclusive sponsorship: \$5000.





GGP's First Annual Signature Fundraiser, Breakfast With Balloons, was a sold out success. A gourmet breakfast with champagne was served from our premiere viewing site during the Pagosa Chamber's ColorFest Balloon Ascension.





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Second Annual Signature Event Breakfast With Balloons

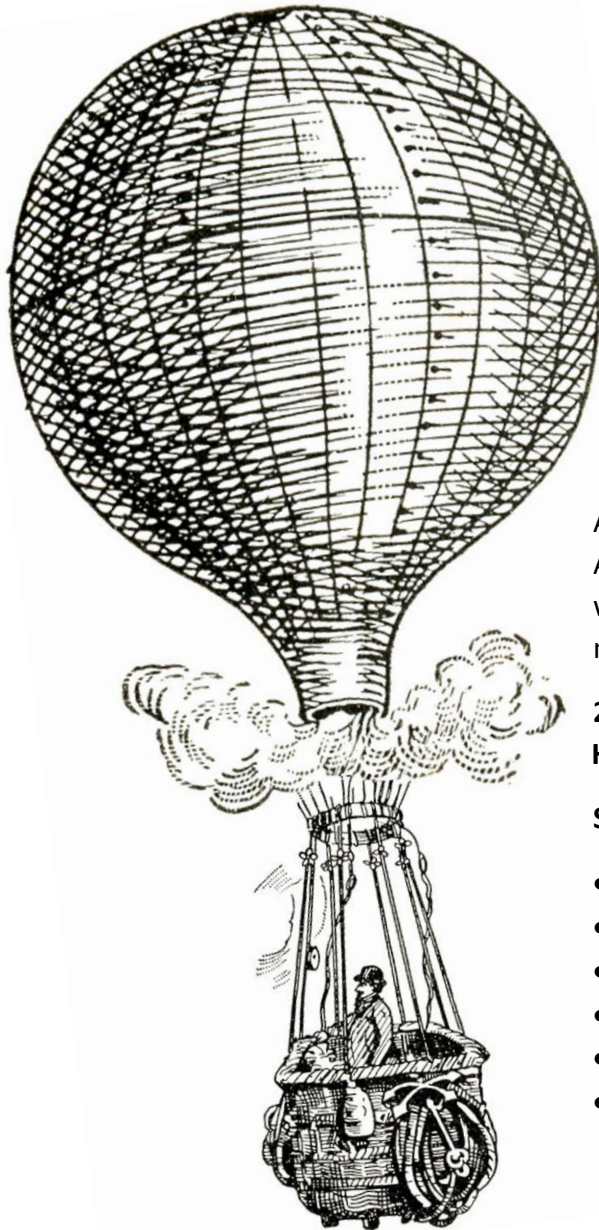
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**2017's event promises to be even better; more tickets & more marketing.
Here's an opportunity to market your business with this successful event.**

SUPPORTING SPONSORS (four available):

- On-site banner space at event entrance
- Four (4) tickets and four Keepsake Champagne Glasses
- Logo inclusion in a minimum of two (2) Pagosa Sun ads
- Logo inclusion (with website link) on Breakfast With Balloons page at pagosagreen.org
- Inclusion in a minimum of 5 Facebook postings
- Stage announcement inclusion at the event

Supporting Sponsor: \$500.





GGP's First Annual Signature Fundraiser, Breakfast With Balloons, was a sold out success. A gourmet breakfast with champagne was served from our premiere viewing site during the Pagosa Chamber's ColorFest Balloon Ascension.

