

# THE INSTITUTE FOR ENERGY ECONOMICS AND FINANCIAL ANALYSIS (IEEFA) BRIEF & OVERVIEW

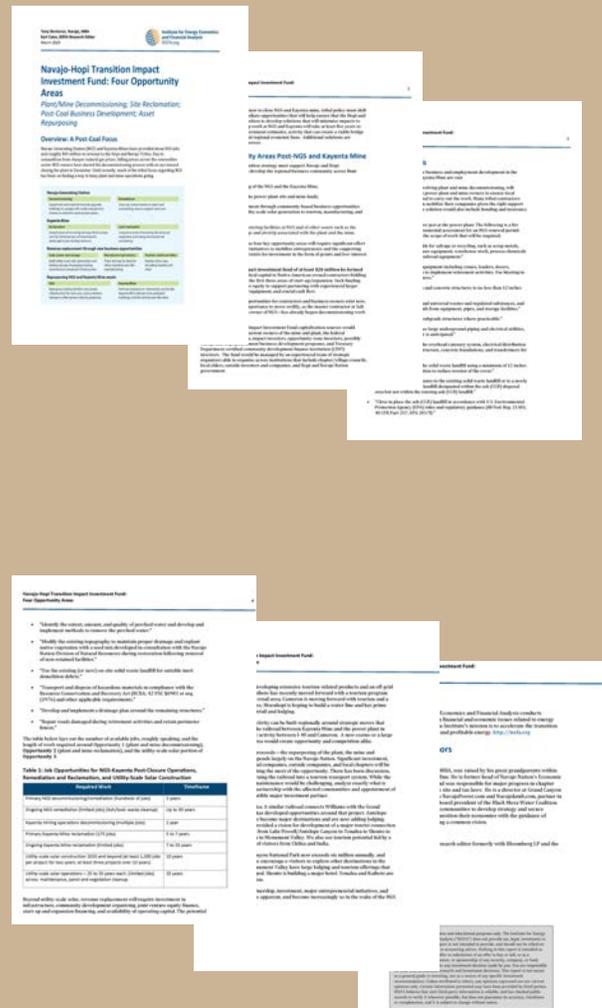
BY TONY SKRELUNAS & KARL CATES

On Wednesday, May 15, 2019, Tony Skrelunas and Karl Cates discussed a published report, known as the IEEFA brief. This report is specific in its scope, as it tackles the tough questions of what the focus of a post-coal economy should be.

The overview focuses on four specific opportunity areas and outlines a five-year transition strategy to support such efforts. Those four areas are:

1. Decommissioning of the NGS and the Kayenta Mine;
2. Reclamation of the power plant site and mine lands;
3. Revenue replacement through community-based business opportunities ranging from utility-scale solar generation to tourism, manufacturing, and retail trade.
4. Repurposing of existing facilities at NGS and of other assets such as the railroad, buildings and airstrip associated with the plant and the mine.

The purpose of the IEEFA brief was to inform and educate the workshop participants and provided a 30,000-foot view of a very complex challenge. It was important to open the workshop with these overarching themes in mind and the speaker's presentations helped further guide the discussion and provided additional context.

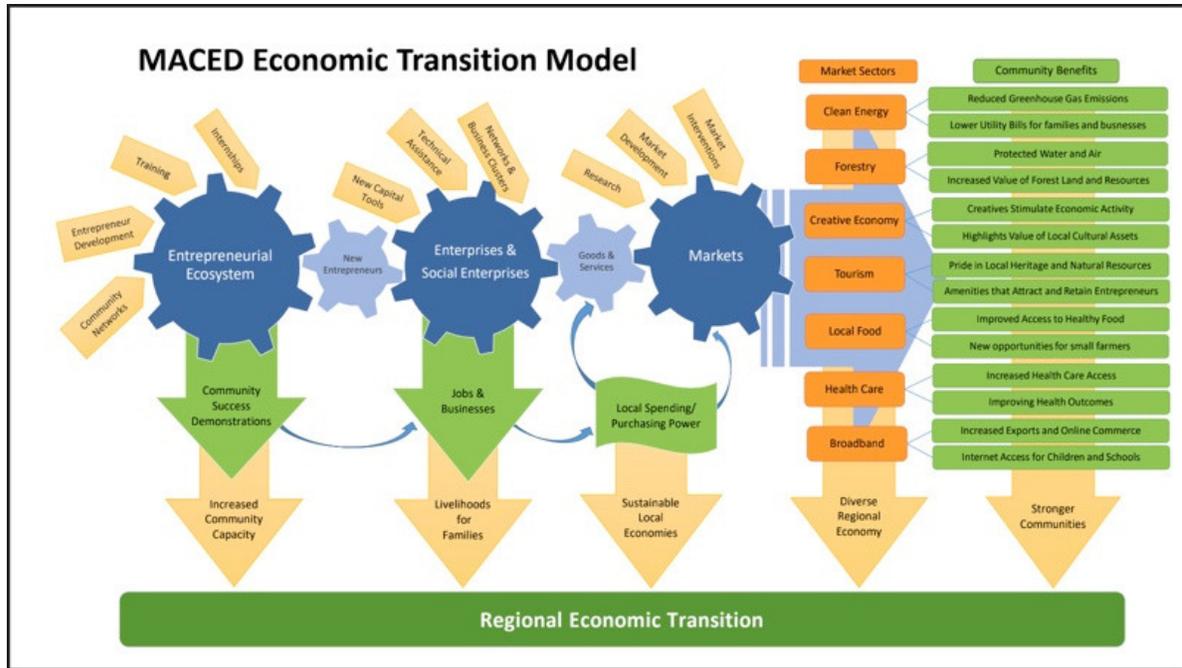


# WORKSHOP HIGHLIGHTS

## DIVERSE, SUSTAINABLE AND EQUITABLE: LEVERAGING YOUR LOCAL ECONOMY FOR A JUST TRANSITION

BY PETER HILLE

PRESIDENT, MOUNTAIN ASSOCIATION FOR COMMUNITY ECONOMIC DEVELOPMENT



***"The answer is not capitalism or socialism – it is about localization."***

- Peter Hille

On Thursday, May 16, 2019, Peter Hille drew many nods from the participants as he shared Kentucky's coal economy trends to show that understanding local economies is so important because when you measure your economic outcomes by jobs created then it can lead to the wrong solution.

Through his experience, he derived at the conclusion that it did not make sense to replace one big industry, with another one. Hille advocates the benefits of a regenerative economy where the entrepreneurial ecosystem supports new entrepreneurs, who in turn create enterprises that produce goods and services, which feed into markets. This led to further discussion and allowed participants to ask questions and re-imagine their economic transition model.



*Workshop participants were assigned to work together at tables and share ideas about what is missing from their toolbox of resources.*

## HEALING OUR COMMUNITIES, HEALING MOTHER EARTH

BY MARIE GLADUE  
BLACK MESA WATER COALITION

Marie Gladue is a Big Mountain resident, ground zero for historical traumas resulting from an extractive economy that Hopi and Navajo have come to depend on. Her healing journey led her to look beyond what the narrative gave our communities. She is now leading the healing dialogue and working to reestablish relationships for a Just Transition embedded in her love and respect for Mother Earth and our indigenous knowledge.

She highlighted the following Diné teachings on directions of daily life to make plans and assessments to start the healing and regain balance:

- East represents the Spirit which are the cultural and spiritual values we live by (governance).
- South represents the Body which is sustaining our physical life body.
- West represents the Emotion which is love expressed with Ke' (acknowledging kinship relations) that sustains our social well-being
- North represents the Knowledge which is learning of life and the value of reverence.

This healing session exemplified that working together is an act of healing and provided participants the following four key steps to moving our communities toward healing:

1. Create a new economic system by teaching ourselves a new aspiration that is not about the revenue stream, but about traditional trade systems, community respect and environmental health.
2. Decolonize ourselves through sharing and learning of our cultural knowledge and reestablishing traditional values to create honorable leaders.
3. Replicating an event around the Home Dance where Hopi and Navajo come together to strengthen relationships.
4. Sharing in producing local foods and gathering our traditional foods and reintegrating the traditional knowledge and practices to support a regenerative economy.



Maries leads workshop participants through a group exercise designed to connect the physical body back to the land and everything in nature.

***“Healthy people is a healthy community and environment. To heal the people is to heal the land.”***

- Marie Gladue



# SPEAKERS/PRESENTERS



DAY ONE

Wednesday, May 15, 8am-4pm



## JOEY JAMES

*Senior Strategist / Downstream Strategies*

Mr. James is a multi-disciplinary researcher specializing in sustainable economic development and planning in transitional economies. Most recently, his work has centered on the strategic reuse of former mine sites and other underutilized land assets to grow local economies. He is a graduate of West Virginia University and resides in Morgantown, West Virginia.



## EVAN HANSEN

*President / Downstream Strategies*

Evan Hansen was elected to the West Virginia House of Delegates in 2018. He founded Downstream Strategies in 1997 and serves as president. Mr. Hansen has more than 25 years of experience consulting for government agencies, nonprofit organizations, attorneys, private businesses, and individuals. He received a B.S. in Computer Science and Engineering from M.I.T. and an M.S. in Energy and Resources from U.C.-Berkeley. In addition to his work in West Virginia and Appalachia, he has consulted across sub-Saharan Africa and in China, Egypt, and Barbados.



## HEIDI BINKO

*Executive Director and Co-Founder / Just Transition Fund*

Heidi Binko is the executive director of the Just Transition Fund, which she co-created with Sandra Mikush in April 2015. Previously, Heidi served as associate director of Special Climate Initiatives at the Rockefeller Family Fund (RFF). She also previously served as co-chair of the board of directors of the Environmental Grantmakers Association (EGA) and co-chair of the Climate and Energy Funders Group. Prior to her work in the field of environmental philanthropy, Heidi held positions with The Nature Conservancy and the Land Trust Alliance. She holds degrees from the University of Notre Dame and the Yale School of Forestry and Environmental Studies.



## CHARLENE SMYLIE

*Mayor / Village of Wabamun, Canada*

Mayor Smylie is serving her second term on Council in the Village of Wabamun and serves as the Vice Chair on their local Regional Economic Development Alliance called Growth Alberta. Charlene is also the Chair of Growth's tourism arm - Wild Alberta where several communities work together on regional tourism initiatives. She also represents urban municipalities on the board of directors for Alberta's Safety Codes Council as well as serve as a peer mentor for other elected officials in Alberta.

# TRIBAL NONPROFIT PRESENTATIONS PART ONE

## CHANGE LABS

*Jessica Stago / Program Director*

Change Labs is a business incubator designed to create a safe place for entrepreneurs and community members to explore and develop their ideas. We provide the infrastructure, expertise, and support structures for the first three years of the entrepreneurial journey. Change Labs is an ambitious, long-term effort to support and grow Native-owned and -operated businesses on the Navajo and Hopi reservations in northern Arizona.



## ADVANCING COMMUNITIES FOUNDATION

*Nikishna Polequaptewa / Founder & Chairman Emeritus*

The Advancing Communities Foundation is a 501(c)3 that supports American Indian / Alaska Native communities in the four areas of Educational Attainment, Environmental Stewardship, Public Health and Leadership Development.



## BIG HOGAN

*Alberta Henry / Owner*

The Big Hogan Enterprise mission is to share the Navajo culture, language, and history with the tourists who visit the Grand Canyon. The Big Hogan Enterprise has hogans (octagon buildings) and Rustic camping for accommodation, traditional and American cuisines, historic sites, story telling, history about the area and Navajo, and beautiful scenic views.



# SPEAKERS/PRESENTERS



DAY TWO

Thursday, May 16, 8am-4pm



## MARIE GLADUE

*Black Mesa Water Coalition*

Marie Gladue is a mother and grandmother Dineh woman of the Edgewater clan born for Many goat clan. She grew up and lives in the Black Mesa region of Big Mountain. She earned her bachelor's degree in Native Studies from the University of Alberta, Canada. Marie has worked as a community organizer for many years, and has lived a land-based lifestyle as a shepherd. Her experience and life lessons have led her to develop and facilitate workshops that she calls Hooghan Ke' Dialogues, and Healing with Mother Earth and Father Sky. She currently work as the Just Transition campaigner for Black Mesa Water Coalition.



## PETER HILLE

*President / Mountain Association for Community Economic Development*

Peter Hille is the president of MACED, the Mountain Association for Community Economic Development. MACED works to shape a Just Transition for Appalachia to a new post-coal economy that is more diverse, sustainable, equitable and resilient. Peter joined MACED's staff in 2012 as executive vice president and was named president in March 2015. Previously, he was director of the Brushy Fork Institute of Berea College where he conducted leadership and community development programs throughout Central Appalachia for 22 years. He lives with his wife in a passive solar home they designed and built in the midst of fifty acres of forest near Berea, Kentucky.



## BRETT ISAAC

*Founder / Navajo Power*

Brett Isaac is a member of the Navajo Nation and has worked with local chapters in the Nation to execute on numerous community development initiatives. Brett collaborated with the Navajo Community of Shonto in the development of Community Owned enterprises leading to the creation of a solar company on the Nation called Shonto Energy. Brett's company has deployed over 200 off-grid solar systems to serve households without grid electricity. Brett is a Founder and Partner of Navajo Power.



## NICOLE HORSEHERDER

*Executive Director / Tonizhoni Ani*

One of the main drivers for a smooth transition on the Navajo Nation, Nicole is of the next generation taking on the leadership of advocacy for our Earth Mother and she is highly effective leading efforts to create legislation for transition. She will give the latest update on her efforts on Navajoland within Arizona and the New Mexico Corporation Commissions.

# TRIBAL NONPROFIT PRESENTATIONS - PART 2

## NAVAJO LAMB

*Bill Edwards / Founder*

Navajo Lamb is based on an age-old tradition that has sustained the Navajo people for generations. The Navajo Lamb brand celebrates this tradition of sheep husbandry, fiber art, regenerative grazing, and honoring the life of sheep embedded in the cultural values of herding societies around the world. The Navajo Lamb product will be launched under the Diné Regenerative Agricultural Cooperative, owned by sheep producers and giving sheep producers the opportunity to benefit either by shares, low-cost vaccinations, capacity building workshops, and ewe and ram exchange program.

## THE HOPI FOUNDATION

*Monica Nuvamsa, Executive Director*

The Hopi Foundation exemplifies the Hopi teaching of "Itam naapyani" or doing the work ourselves. Established by local Hopis, we promote self sufficiency, proactive community participation in our own destiny, self reliance and local self determination.



*(Pictured above) James Skeet, of Spirit Farm, talks about animal feed at a workshop on Regenerative Agriculture on January 14, 2019.*

## SPIRIT FARM

*James and Joyce Skeet / Owners & Operators*

Spirit Farm is a demonstration farm that uses only natural practices including microbiological composting, to heal the high desert southwestern soil and be a living example of how we can recover and reclaim traditional farming and spiritual practices, along with modern practices, to establish resiliency in our way of life, reducing the dependency on the very food system that is harming us. The farm provides visual models and discussion opportunities with growers of methods that can increase the quantity and quality of their produce, as well as use less water, which is a critical step when growing food in our climate.

# thank you and acknowledgements

The efforts leading up to this workshop would not have been made possible without the help of these individuals and the support of the Just Transition Fund.

## *the Hopi and Diné Just Transition Steering Committee and friends of the committee*

Alberta Henry, Big Hogan  
Alyssa H. Bean  
Bill Edwards, Diné Regenerative Agricultural Cooperative  
Brett Isaac, Navajo Power  
Cedric Kewaninvaya, Upper Village of Moenkopi  
Charlene Smylie, Mayor of Village of Wabamun, Canada  
Cliff E. Kaye, Chairman, Village of Moencopi (Lower)  
Darrell Yazzie, Jr., Dine College Land Grant Office  
Deon Ben, Tohatchi Chapter Community Land Use Planning Committee  
Dr. Karletta Chief, Black Mesa United  
Evan Hansen, Downstream Strategies  
Fern Benally, Black Mesa United and Forest Lake Chapter House  
Frank Fowler, Kaibeto Chapter House  
Georgie Pongyesva, Hopi Cultural Resources  
Heidi Binko, Just Transition Fund  
James and Joyce Skeet, Spirit Farm  
Jessica Stago, Change Labs  
Joey James, Downstream Strategies  
J.T. Willie, Navajo Nation Department of Economic Development  
Karl Cates, Institute for Energy Economics and Financial Analysis  
Keiona Eady, The Authentic Messenger  
Lamar Keevama, Hopi Cultural Center  
Leroy Sumatzkuku, Governor of Upper Village of Moenkopi  
Margaret Pooyouma, Village of Moencopi (Lower)  
Marie Gladue, Black Mesa Water Coalition  
Monica Nuvamsa, The Hopi Foundation  
Nicole Horseherder, Tonizhoni Ani  
Nikishna Polequaptewa, Advancing Communities Foundation  
Peter Hille, Mountain Association for Community Economic Development  
Santana Nez, Burning Daylight Consulting  
Sarah Slim, Navajo Chapter House  
Sign Vision, LLC  
Stephanie Hall, Tolani Lake Enterprises

## *the Hopi and Diné Just Transition Facilitation Team*

Candace Hamana, Badger PR, project manager  
Tony Skrelunas, director  
Vanessa Vandever, grant writer and program lead

We thank the Creator, the Villages of Upper and Lower Moenkopi and Kaibeto Chapter House for allowing these conversations to happen on Hopi and Diné ancestral lands.

# Askwali, Kwak'kwa, Ahxehee!



A Hopi and  
Diné  
Just Transition

