NIREC™
Nevada Institute for Renewable Energy Commercialization

Catalyzing Nevada's Economic Transformation

Presented to:

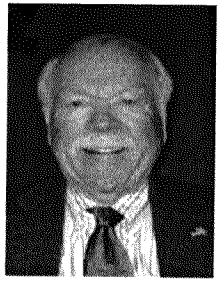
Nevada Inter-Tribal Energy Consortium Meeting

May 19, 2011

About NIREC

- 501(c)(3) nonprofit public-private partnership
- Founded by 3 highly successful Nevada execs/ entrepreneurs
- Mission: Transform clean energy ideas into sustainable enterprises

Ian Rogoff,
Former SVP, Microsoft,
GP, Sierra Nevada Partners



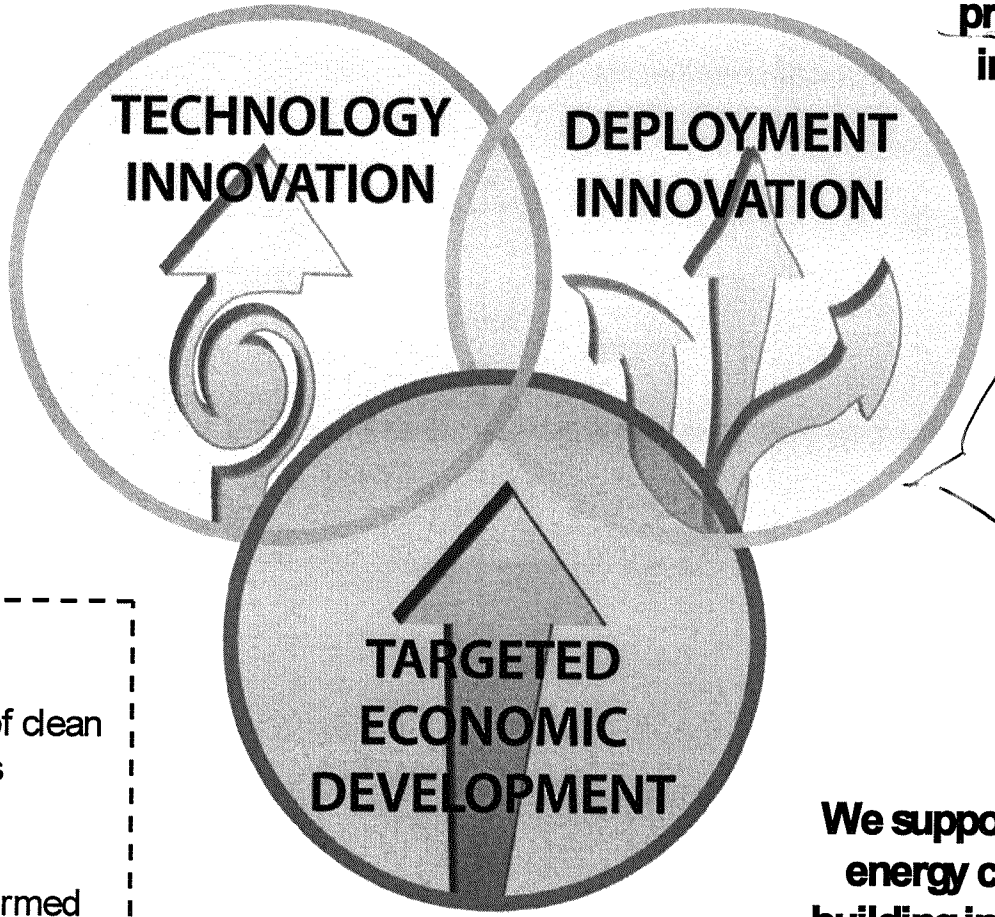
Bob Goff
Founder, Sierra Angels

Atam Lalchandani,
Former CFO of Oracle, US and Juniper Networks

NIREC's Business Focus

We mentor clean energy companies *nationwide*

We enable RE project development in the *western U.S.*



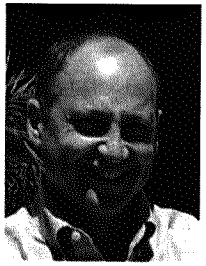
Create Jobs + Energy
Working on Exporting more
Energy

Mission:
To accelerate the commercialization of clean energy technologies

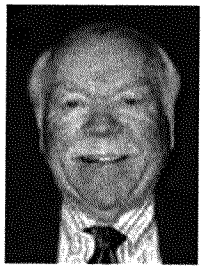
Vision:
An economy transformed by energy innovation and entrepreneurship

We support clean energy cluster-building in *Nevada*

Board of Trustees



Ian Rogoff
Trustee & Chairman

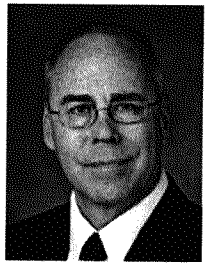


Bob Goff
Trustee, Vice Chairman & Corporate Secretary

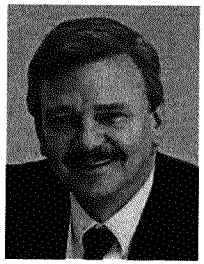
Atam Lalchandani, PhD
Trustee & Treasurer

Jason Geddes, PhD
Environmental Services Administrator, City of Reno; Trustee & Chairman of TCAB

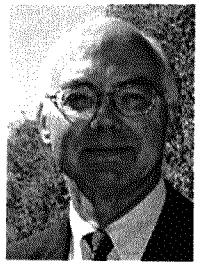
Maureen Peckman
Chief Emerging Business Officer Cleveland Clinic Nevada; Trustee



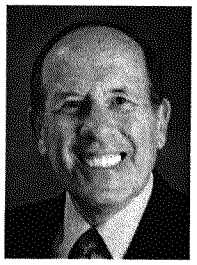
Neal Smatresk, PhD
President, University of Nevada, Las Vegas; Ex-officio Trustee



Steve Wells, PhD
President, Desert Research Institute; Ex-officio Trustee



Marc Johnson, PhD
Interim President University of Nevada, Reno; Ex-officio Trustee



Barry Klein, PhD
Vice Chancellor for Research, UC Davis; Ex-officio Trustee

James A. Croce
President and CEO Ex-officio Trustee

Partnerships

Federal and State Government - Education - Private Equity - Industry

NEVADA STATE OFFICE OF ENERGY

University of Nevada, Reno

NIREC™

Nevada Institute for Renewable Energy Commercialization

Questions?

Li Han Chan
Vice-President of Operations
lihan.chan@nirec.org

NIREC Business Focus

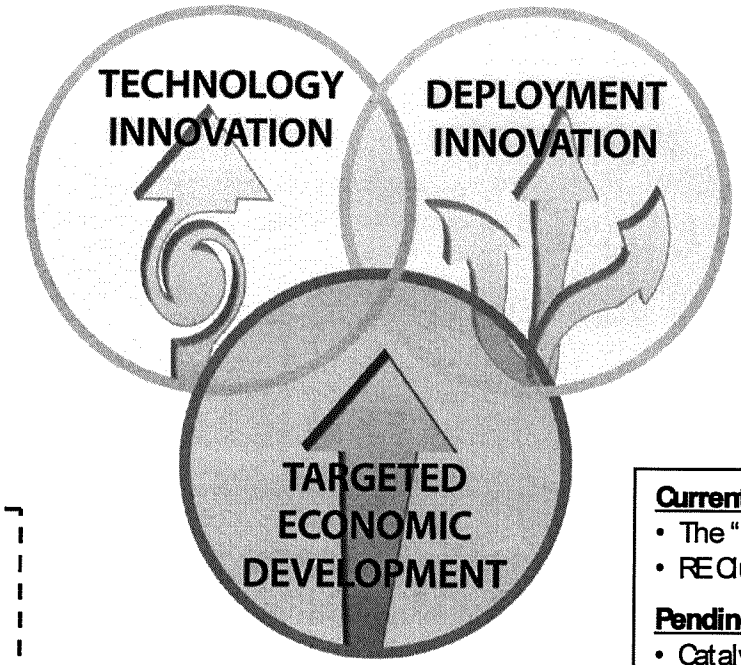
We mentor clean energy companies *nationwide*

We enable RE project development in the *western U.S.*

Current NIREC Assets/ Initiatives
- OnTRAC Programs (DOE-EERE)
- Entrep. Mentor Corp (SBA)
- LBNL MOU (DOE-EERE)

Pending Assets/ Initiatives
- Proof of Concept Ctrs. (EDA i6)
- NV Knowledge Fund (AB449)
- NV Venture Fund (SB75)
- Innovation Intermediary (Gov Budget)

Key Beneficiaries
- NSHE (UNLV, UNR, DRI)
- UC Davis, LBNL
- Early Stage Companies
- Venture Investors
- Corp. IP Producers/ Acquirers



Current NIREC Assets/ Initiatives
- CA Outreach Trip (NSOE/ NEAC)

Pending Assets/ Initiatives
- Project Development Ctr. Of Excellence (NV Energy / Developers)
- Regional Grid Integr. Bus. Case (NSOE)
- RE Export Consulting Svcs. (Developers)

Key Beneficiaries
- NSHE (incl. Community Colleges)
- NV Energy, CA Utilities
- Developers, Service Providers
- Construction Contractors
- Project Finance Companies

Mission:
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We support clean energy cluster-building in *Nevada*

Current NIREC Assets/ Initiatives
- The "SILVER Spark" TBED Blueprint
- RE Cluster-Building (NSOE 1902)

Pending Assets/ Initiatives
- Catalyst Fund (AB449)
- Subcontracts to ED Agencies (AB449)

Key Beneficiaries
- NV ED Agencies
- Manufacturers
- Real Estate/ Land Developers
- Professional Service Orgs.
- Tech. Accelerators (non-Energy)

Office of Indian Energy and Economic Development
Division of Capital Investment

Loan Guarantee Program

Since 1974, we have guaranteed more than $1 billion

Who We Are...

The Division of Capital Investment manages the Indian Loan Guaranty, Insurance and Interest Subsidy Program which breaks through the conventional barriers to financing for tribes and individual Indians and their corporations. The program helps facilitate loan financing for borrowers. The Division helps secure reasonable interest rates and reduce risks for all parties involved.

We bring lenders and borrowers together so that all may prosper.

What We Do...

- Facilitate access to capital
- Help optimize resources
- Form strategic partnerships
- Provide outreach efforts
- Foster entrepreneurship
- Bring business opportunities to reservations and Alaska Native Villages

Eligibility and Lending Requirements

Any lending institution, including Community Development Financial Institutions, may apply for a guaranty provided the institution is regularly engaged in making business loans and has a capacity for evaluating and servicing loans which is satisfactory to the Program.

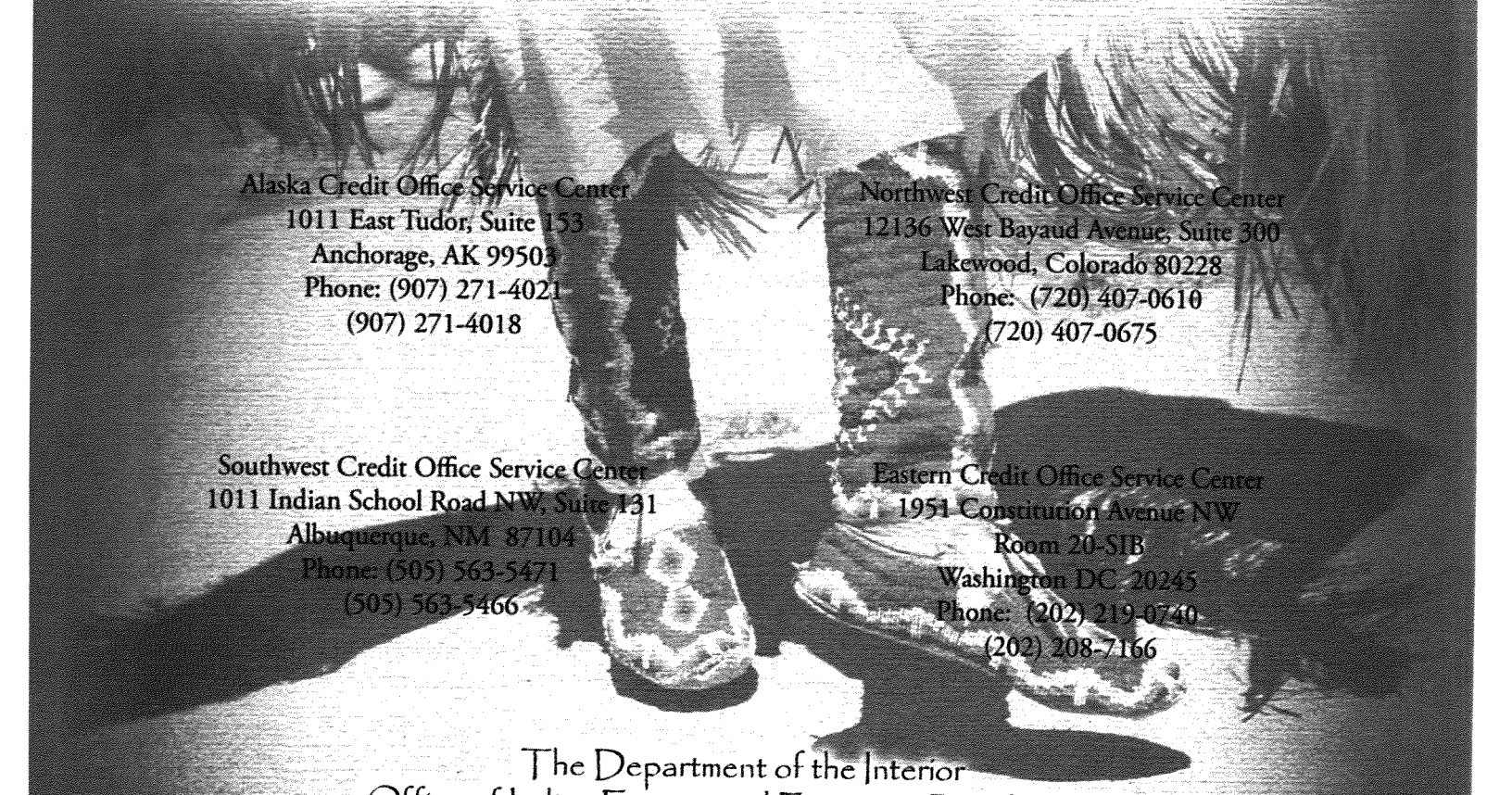
- The percentage of the loan guaranteed or insured may be up to 90% of the unpaid principal balance and interest.
- Loans may be used for a variety of purposes including operating capital, equipment purchases, business refinance, lines of credit, and more.
- The business must be 51% Indian owned.
- The business must contribute to the economy of a federally recognized tribal reservation or service area.
- The borrower must be projected to have at least 20% equity in the business being financed immediately after the loan is funded.
- The borrower may not be delinquent on any federal debt obligations.
- A one-time premium payment of 2% of the guaranteed portion of the loan is assessed and may be added to the loan.

How we can help you!

Prior to submitting a loan guarantee request to your lending institution, complete requirements should be obtained by contacting your Credit Office Service Center.

1. Tribes or individuals may apply for a loan through any eligible lender.

2. The approved lending institution submits a guarantee request to the credit office service center along with standard documentation which the lending institution will require.



Alaska Credit Office Service Center
1011 East Tudor, Suite 153
Anchorage, AK 99503
Phone: (907) 271-4021
(907) 271-4018

Northwest Credit Office Service Center
12136 West Bayaud Avenue, Suite 300
Lakewood, Colorado 80228
Phone: (720) 407-0610
(720) 407-0675

Southwest Credit Office Service Center
1011 Indian School Road NW, Suite 131
Albuquerque, NM 87104
Phone: (505) 563-5471
(505) 563-5466

Eastern Credit Office Service Center
1951 Constitution Avenue NW
Room 20-SIB
Washington DC 20245
Phone: (202) 219-0740
(202) 208-7166

The Department of the Interior
Office of Indian Energy and Economic Development
Phone: (202) 219-0740

Division of Capital Investment
Phil Viles, Chief
loanguaranty@bia.gov

www.indianaffairs.gov/ieed

COPY

Subject **RE:**
Sender Travis Lane <Travis.Lane@itcaonline.com>
Recipient Bowker, Bryan <Bryan.Bowker@bia.gov>, Daryl Crawford <dcrawford@itcn.org>
Copy Crain, Matt <Matt.Crain@bia.gov>, McVey, Rodney <Rodney.McVey@bia.gov>, Bodenchuk, Dennis <Dennis.Bodenchuk@bia.gov>
Date 05/17/2011 10:07

GBIS Webmail

Hi Bryan,

Thanks for sending this information. I'll follow up with Mr. Lewis about this request. Our next scheduled Tribal Leaders' meeting is this Friday, May 20, 2011.

Thanks,
Travis L. Lane
Inter Tribal Council of Arizona, Inc.

Phone: (602) 258-4822
Cell: (602) 821-4595
Fax: (602) 258-4825

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www.itcaonline.com

RECEIVED
MAY 16 2011
Inter-Tribal Council of Nevada, Inc.

From: Bowker, Bryan [mailto:Bryan.Bowker@bia.gov]
Sent: Tuesday, May 17, 2011 9:57 AM
To: Travis Lane; Daryl Crawford
Cc: Crain, Matt; McVey, Rodney; Bodenchuk, Dennis
Subject:

Hello Travis and Darryl,

Our DEMD group has a program that can offer grants for feasibility studies for "Waste to Energy" projects on Reservations. I have attached a sample presentation they have done elsewhere and would like to see if there is an upcoming ITCA/ITCN meeting and if so, would it be possible to get Dennis Bodenchuk and his group some time to present this to the group(s)? I have attached the contact information for Dennis below in case you want to contact him directly for more information or you can always contact me and I can get the information you need. There is a timeframe to these grants so if you think the Tribes would like a presentation it would be a "sooner the better" type situation so that grant submissions could get started and completed within the deadlines.

Dennis Bodenchuk
Acting Division Chief
Division of Energy and Mineral Development
12136 W. Bayaud Ave., Suite 300
Lakewood, CO 80228

(office): 720-407-0603

Thanks,

Bryan Bowker
Regional Director - Western Region
2600 North Central Avenue
Suite 100, 13th Floor
Phoenix, AZ 85004-3050

Phone 602-379-6600
Fax 602-379-4413

U.S. DEPARTMENT OF THE INTERIOR
ASSISTANT SECRETARY – INDIAN AFFAIRS

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Indian Energy & Economic Development

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