



**Governor's  
Science & Technology Advisory Council**

# Technology Based Economic Development

Idaho - Montana - Oregon - Utah

# Technology Based Economic Development

Idaho - Montana - Oregon - Utah

- John's Charge: Understand what is going on in adjoining states
- Looked at Utah, Oregon and Montana (on-going)
- Have not yet taken on Washington and Wyoming
- Visited with state officials, regional ED players, trade associations, STAC cohorts, venture capitalists, support groups, service providers, entrepreneurs
- Have not yet probed university players

# Technology Based Economic Development

Idaho - Montana - Oregon - Utah

- All states have explicit interest
  - activity through different levels – local recruitment; university/industry support; SBIR support; EDAs; VC investment; angel networks; direct research support; state EAA
- All states grapple with old economy/new economy
- Substantially different political realities
- All states have a clear new economy concentration with geographic majority dependant on old economy
- BIO Bandwagon

# **Technology Based Economic Development**

**Idaho - Montana - Oregon - Utah**

- **S&T Council**
  - **Idaho: STAC – appointed by governor**
  - **Montana: Eliminated a couple of years ago**
  - **Oregon: Replaced with Oregon Innovation Council**
  - **Utah: Yes – appointed by governor**
- **S&T Advisor**
  - **Idaho: Under E..O. STAC chair was Advisor; eliminated under statute**
  - **Montana: No**
  - **Oregon: Loaned Executive from PNNL – now vacant**
  - **Utah: New Science Advisor – Biotech educator**

# Technology Based Economic Development

Idaho - Montana - Oregon - **UTAH**

- **Biggest commitment to universities – USTAR – 5 years**
  - \$100M brick/mortar/equipment
  - \$15M/Year Recruit/support key researchers – focused
  - technology transfer function in business school
- **Biggest Fund of Funds commitment; going after second \$100M authorization**
- **Centers of Excellence program in place almost 20 years; now with greater commercialization emphasis**
- **Along with Oregon, mature, large, influential trade association**
- **Lots of angel investor activity**
- **State office staffed with industry (cluster) pros**
- **Centralized business recruitment – state contract**
- **Current clusters – future industries**

# Technology Based Economic Development

Idaho - Montana - **OREGON** - Utah

- **\$28M (biennial) appropriation to Oregon Inc. (\$39M requested)**
  - **Current industries (traded sectors) – new technology**
  - **Future industries – research centers – university/PNNL/industry**
- **Large trade associations/coalitions – Software, Bio, PNDC, OEN**
- **Lots of Angel activity – current angel fund open**
- **Extensive coordination/cross talk/working groups**
- **Industry executive on governor's staff (Deputy Chief)**
- **Industry groups as expenditure filters/advocates**
- **Oregon Business Plan – strategic update every five years; annual operating plan**
- **Big Tent – Innovation, not S&T**

# Technology Based Economic Development

Idaho - **MONTANA** - Oregon - Utah

- **Board of Research and Commercialization Technology**
  - under DOC; gubernatorial appointments
  - ~\$6M/Year from Coal Trust; \$1.5 – 2M to EPSCOR match
  - ED, university and small business people
  - grants to companies working with research centers
- **TechLink - DOD funded technology transfer organization at MSU to transfer technology from DOD labs – SBIR mentoring**
- **TechRanch – Incubator run by entrepreneurs/VCs**
  - supported by Federal earmark
  - now transitioning to private funding
- **SBIR counselors around state**
- **Montana Associated Technology Roundtables**
- **Organizing Angel network of \$10M + HNWI**

# Technology Based Economic Development

**IDAHO** - Montana - Oregon - Utah

- **Higher Education Research Council**
  - ~\$6M/Year used for EPSCOR match
- **Dairy research initiative**
- **Idaho TechConnect**
  - \$300K/Year from state; INL support
  - Find, connect, nurture tech companies
- **SBIR support - \$100K/Year Phase 0 funding through DOC**
- **PERS investment in venture capital**
- **Community/regional groups**
- **Idaho Rural Partnerships**
- **bioldaho**
- **Idaho business Coalition for Excellence in Education**
- **Kickstand**

# **Technology Based Economic Development**

**Idaho - Montana - Oregon - Utah**

- **Apparent Keys to Success**

- **Legislators on Boards – all states except Idaho doing this**
- **Explicit bipartisan approach**
- **Industry leaders' voice – trade associations – cost sharing**
- **Align investments/resources to areas we want to grow**
- **Big Tent – Innovation, not S&T**
- **Focus on industries that bring new revenue into Idaho**
- **Universities can take equity**

# **Technology Based Economic Development**

**Idaho - Montana - Oregon - Utah**

- **Best Practices to Consider**

- **Big Tent (Innovation, not S&T), legislators on boards; alignment to target growth industries/traded sectors; bi-partisan commitment**
- **Idaho Business Plan**
- **Ongoing evaluation**
- **Entrepreneurs/executives in government**
- **Enable U of I to take equity**
- **Commercialization focus in investments**
- **Integrate industry filters in investment process – Economic Development Advisory Council already there**
- **MUST HAVE: Trade Association voice – Utah association started in governor's office**

# Additional Information

# Idaho Agriculture Associations

- Appaloosa Horse Club
- Buy Idaho Association
- Clearwater Resource Conservation and Development Council, Inc.
- Environmental Care Association of Idaho (ECA)
- Far West Agribusiness Association
- **Far West Spearmint Oil Administrative Committee**
- Food Producers of Idaho (FPI)
- Idaho Agri Women
- Idaho Agricultural Aviation Association, Inc. (IAAA)
- Idaho Agriculture in the Classroom (AITC)
- Idaho Alfalfa & Clover Seed Growers Association

# Idaho Agriculture Associations

- **Idaho Aquaculture Association (IAA)**
- **Idaho Association of Commerce & Industry [IACI]**
- **Idaho Association of County Agricultural Agents [IACAA]**
- **Idaho Association of Soil Conservation Districts**
- **Idaho Bankers Association - Agricultural Bankers Committee**
- **Idaho Cattle Association (ICA)**
- **Idaho Cooperative Council, Inc. (ICC)**
- **Idaho Council on Industry & the Environment (ICIE)**
- **Idaho Crop Improvement Association, Inc. (ICIA)**
- **Idaho Dairymen's Association (IDA)**
- **Idaho-Eastern Oregon Onion Committee**
- **Idaho-Eastern Oregon Seed Association (IEOSA)**
- **Idaho Elk Breeders Association**

# Idaho Agriculture Associations

- Idaho Farm Bureau Federation --- Home Office
- Idaho Farm Bureau Federation --- Boise Office
- Idaho Farmers Union (IFU)
- Idaho FFA Association
- Idaho FFA Foundation, Inc.
- Idaho Garden Clubs, Inc.
- Idaho Grain Producers Association (IGPA)
- Idaho Ground Water Appropriators, Inc.
- Idaho Irrigation Pumpers Associations, Inc
- Idaho Grower Shippers Association (IGSA)
- Idaho Hay & Forage Association, Inc.
- **Idaho Honey Industry Association**
- Idaho Hop Growers Association

# Idaho Agriculture Associations

- Idaho Horse Council
- Idaho Irrigation Equipment Association
- Idaho Milk Processors Association (IMPA)
- **Idaho Mint Growers Association (IMGA)**
- Idaho Nursery and Landscape Association (INLA)
- Idaho Onion Growers Association
- Idaho-Oregon Fruit & Vegetable Association, Inc. (IOFVA)
- Idaho Pork Producers Association (IPPA)
- Idaho Potato Farmers Association (IPFA)
- Idaho Poultry Industry Federation
- **Idaho Ratite Breeders Association**
- Idaho Rural Council
- Idaho Rural Partnership (IRP)
- Idaho Specialty Foods Association
- Idaho State Grange

# Idaho Agriculture Associations

- Idaho State Horticultural Society (ISHS)
- Idaho Sugarbeet Growers Association (ISGA)
- **Idaho Syringa Dairy Goat Association**
- Idaho Table Grape Association
- Idaho Thoroughbred Association, Inc.
- **Idaho Venison Council**
- Idaho Veterinary Medical Association (IVMA)
- Idaho Vocational Agriculture Teachers Association (IVATA)
- Idaho Water Users Association, Inc. (IWUA)
- Idaho Weed Awareness Campaign (IWAC)
- Idaho Weed Control Association (IWCA)
- Idaho Weed Coordinating Committee
- Idaho Women for Agriculture (IWA)
- Idaho Wool Growers Association (IWGA)
- Leadership Idaho Agriculture Foundation (LIA)

# **Idaho Agriculture Associations**

- **Malheur County Onion Growers Association**
- **Malheur County Potato Growers Association**
- **Marsing Agricultural Labor Association**
- **Milk Producers of Idaho**
- **Nezperce Prairie Grass Growers Association (NPGGA)**
- **North Idaho Foundation Seed Association, Inc.**
- **North Idaho Farmers' Association**
- **Nyssa-Nampa Beet Growers Association**
- **Pacific Northwest Grain & Feed Association, Inc.**
- **Pacific Northwest Vegetable Association**

# Idaho Technical Associations

- **bioldaho**