Idaho Commerce & Idaho Global Entrepreneurial Mission
University of Idaho 2023
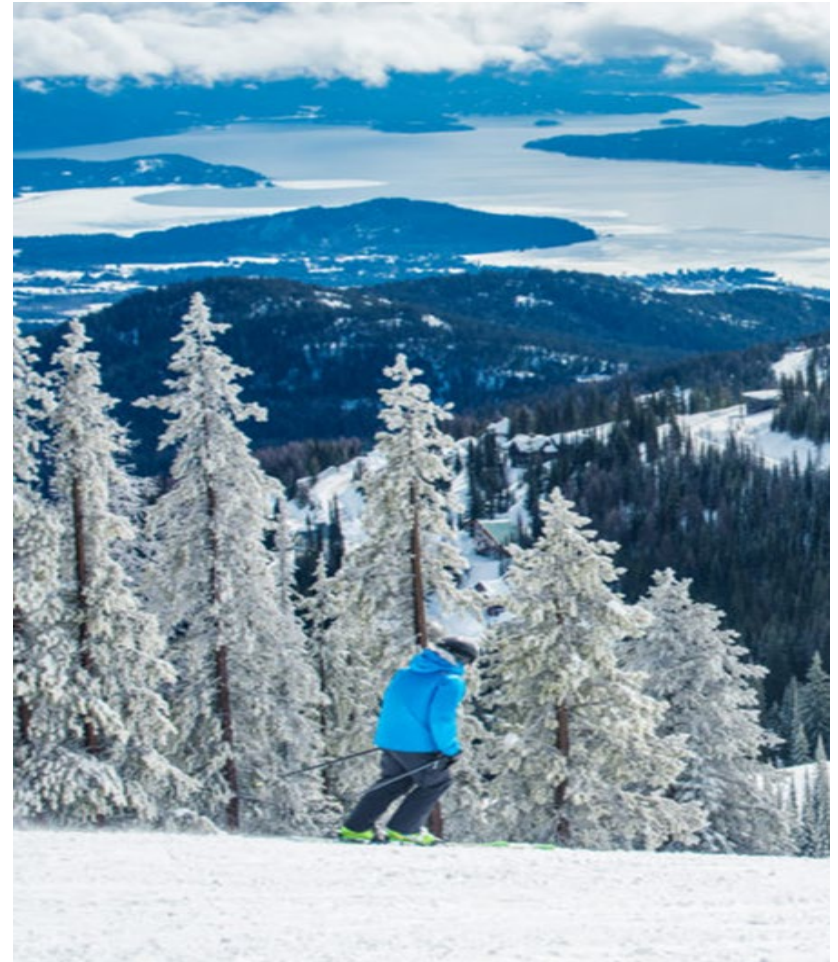
Carmen Achabal

State of Idaho

- **#1** Performing State Economy in the US
- **#1** Job Growth in Nation
- **Fastest Growing Population** in the Nation
- **Fastest Growing Earnings** in the Nation
- Top Destination to **Travel**

1. Idaho Commerce
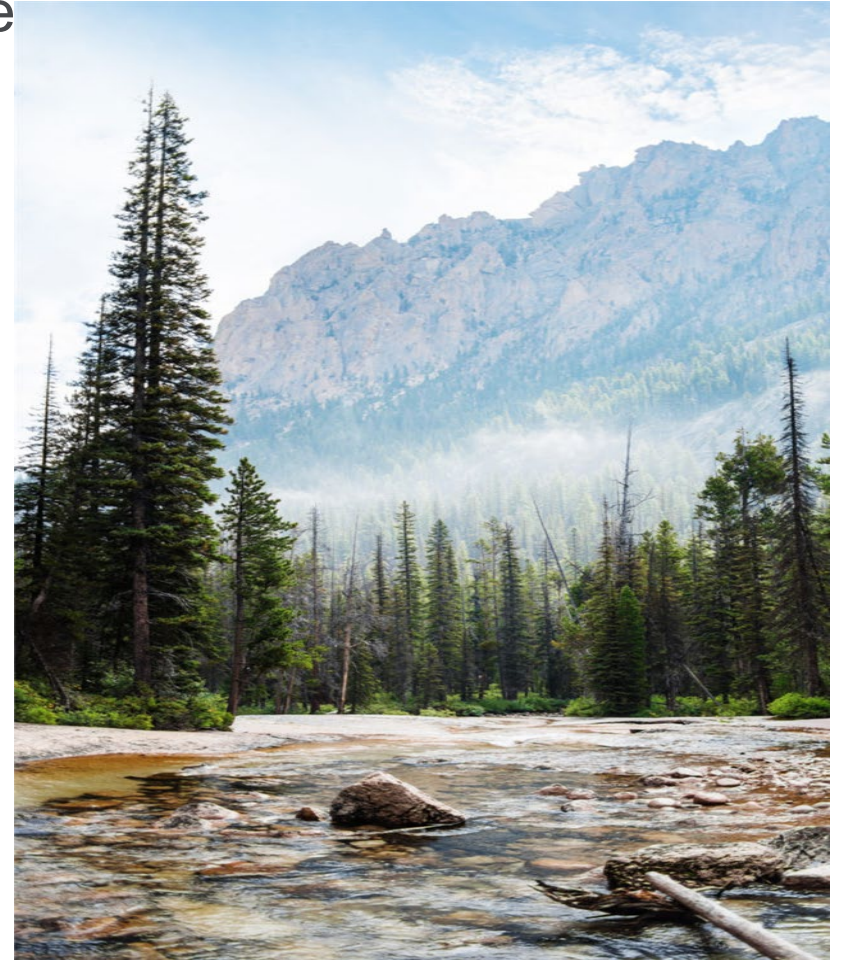2. Idaho Global Entrepreneurial Mission
3. Idaho Resource Map
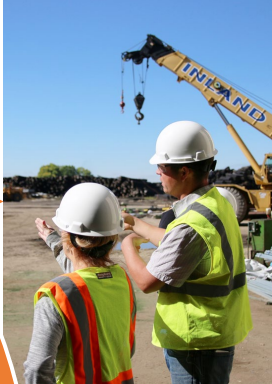
Idaho Commerce - Mission

As the lead economic development agency for the State of Idaho, our mission is to:

- Foster a business-friendly environment to aid in job creation

- Support existing Idaho companies

- Strengthen communities

- Promote innovation

- Market Idaho to the world

Idaho Commerce - Departments

Pie chart of Idaho Commerce departments:
- IGEM
- BUSINESS RETENTION
- BUSINESS ATTRACTION
- INTERNATIONAL TRADE
- COMMUNITY DEVELOPMENT
- TOURISM
- MARKETING
- BROADBAND
- GRANTS & FISCAL

commerce.idaho.gov and visitidaho.org

Idaho Commerce and Visit Idaho

@idahocommerce and @visitidaho

Visit Idaho

Idaho Commerce

BUSINESS RETENTION & EXPANSION

- Support companies already in Idaho

- Statewide connectors of resources and people
  - Workforce solutions
  - Location needs
  - Supply chain sourcing
  - Referrals specific to your situation

BUSINESS ATTRACTION GROUP

- Experts in attracting strategic businesses to Idaho

- Leveraging business incentives applicable to these projects and existing Idaho company expansion

- Gem State Prospector tool

INTERNATIONAL TRADE

- Experts in developing global business relationships

- International Trade Offices:
  - Asia Pacific Office
  - Mexico Office

- State Trade Expansion Program (STEP) grants
  - Financial Assistance Awards (FAA)
  - Idaho Online Global Marketing Program

- Trade missions and trade shows

- Training workshops

COMMUNITY DEVELOPMENT BLOCK GRANTS (CDBG)

- Public facilities infrastructure
    - New and rehabilitation projects

- Economic development
    - Downtown revitalization

- Economic re-development
    - Job creation
    - Fund activities that expand or construct new public infrastructure to support businesses
    - RCIF – Rural Community Investment Fund
    - Idaho Gem Grants are another potential funding source.

TOURISM

- 3rd largest industry

- To increase travel and visitor expenditures throughout all of Idaho

- **https://visitidaho.org/**

- **https://commerce.idaho.gov/tourism-resources/research/**

BROADBAND

Increasing connectivity for communities across the state

- Households
- Businesses
- Libraries
- Public Services
- Health and Safety
- **Linkup.Idaho.gov**

MARKETING

🌐 commerce.idaho.gov
commerce.idaho.gov/broadband
visitidaho.org

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and Visit Idaho

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📷 @visitidaho

in Idaho Commerce

Contact us:
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broadband@commerce.Idaho.gov

IDAHO
COMMERCE

FISCAL & GRANTS

Ensure Commerce operates in a fiscally responsible manner

- Contracts
- Grants
- Purchasing
- Payments

IGEM Grant Program

Drives Economic Development by funding **RESEARCH**

Research that helps Idaho businesses with the development and testing needed to bring new products, technologies, and services to market

Universities
equipped with laboratories, researchers, assets, and academic opportunities

Industry
positioned to take products to market

IGEM – How Does It Work

University owns the technology, licensing Industry Partner has R & D needs

University
Novel technology needs industry partner
Licensing agreement (university/industry)
Both partners work on R & D

Industry Partner
License technology from university
Royalty back to university
Both partners work on R & D

IGEM – How Does It Work

Industry owns the technology and has R & D needs

Industry
Novel device, needs efficacy testing
Industry owns the technology

University
Created an apparatus to test device, collected data, helped industry with efficacy data for approval
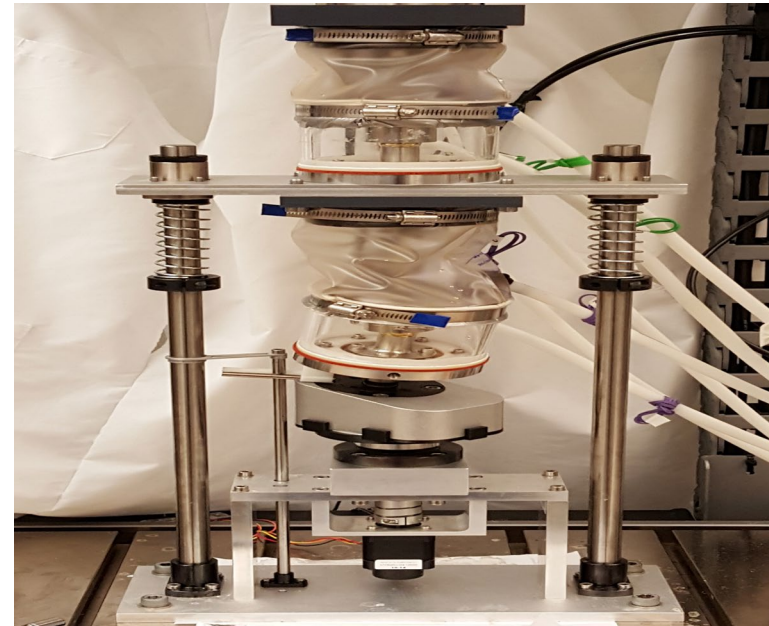
IGEM – How Does It Work

Industry owns the technology and has R & D needs

Industry
New product/technology, needs testing
Industry owns technology
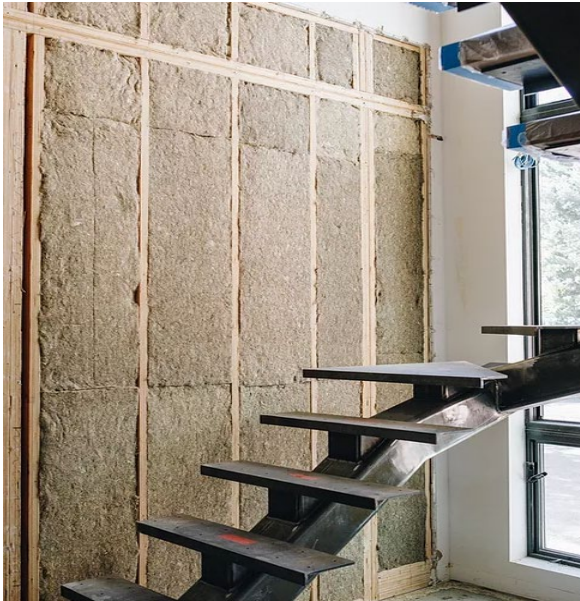
University
Leveraged its laboratory and expertise
Thermal and moisture testing

INTEGRATED **idl** DESIGN LAB

IGEM – How Does It Work

Industry needs research – joint development

Industry
New product/technology, needs testing
Industry owns initial technology –
Could be joint development

University
Leveraged its laboratory and expertise
Improving design and development of
technology
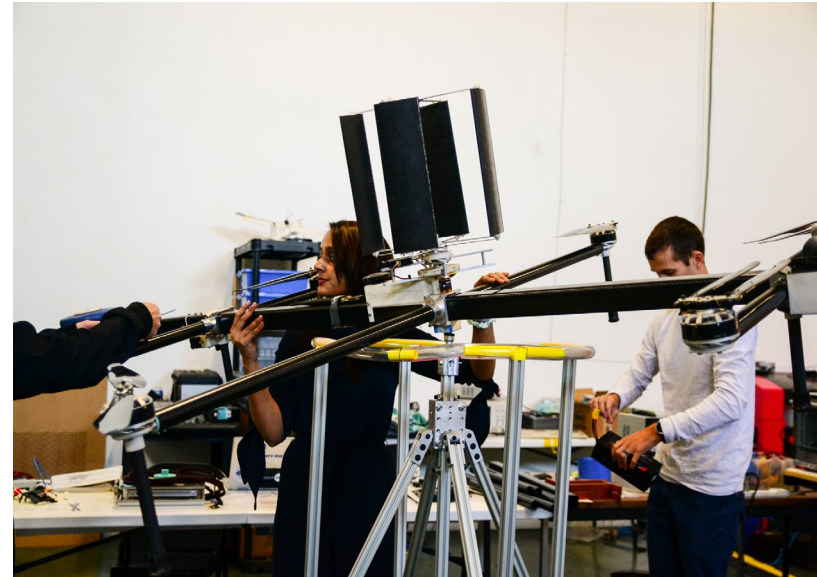
IGEM – Commerce Requirements

- **Research to be conducted**

- **Viable technology to be commercialized**

- **Industry partnership with BSU, ISU, or UI**

- **Economic Impact to Idaho**

- **Financial Contribution/Match by Industry Partner**

IGEM – FAQS

- $1 Million in annual funding

- Grant awarded to the University (BSU/ISU/UI)

- Non-dilutive funding

- Grants: $46,000 to $498,000

- Duration: 1 year to 18 months

- Industry Partner investment/match

- Funds efficacy testing, design, development, prototyping, supplies, equipment, etc.

- Commerce can connect Industry with University OR Connect University to Industry

- Idaho businesses receive preference

- IGEM Council renders funding decisions

IGEM Program Summary to Date
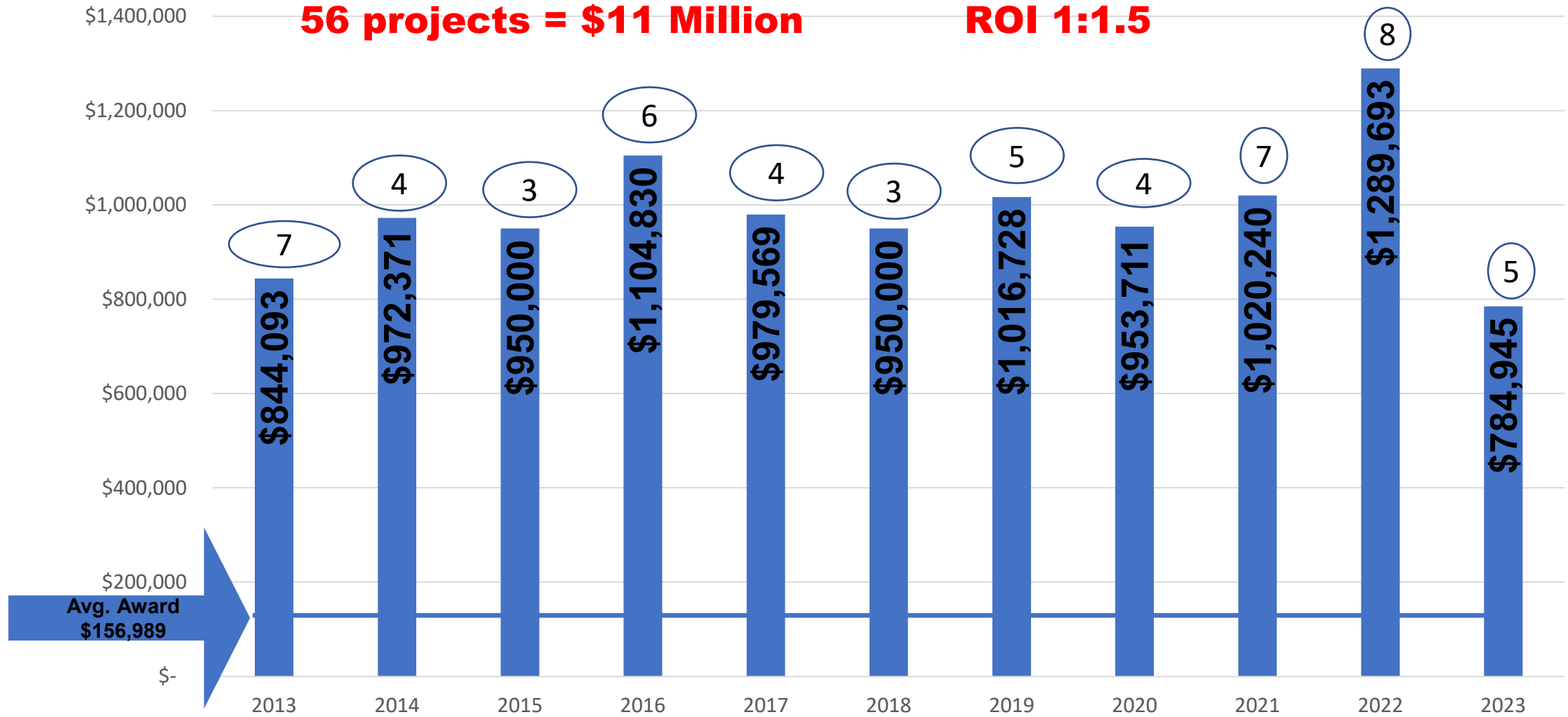
IGEM Projects FY13 to FY21

PROJECT NAME	SCHOOL	COLLEGE	PROJECT NAME	SCHOOL	COLLEGE
AQUATIC ANIMAL PROBIOTIC (2013)	UI	NAT RESOURCES	FLEXIBLE SENSORS & HUMIGATOR (2017)	BSU/ISU	ENGINEERING
HIGH SPEED DIGITAL PACKAGE (2013)	UI	ENGINEERING	SPECTROSCOPIC REFLECTOMETER (2017)	BSU	ENGINEERING
MICROBIAL CALCITE PRECIPITATION (2013)	UI	MISC SCIENCE	REMOSTING SENSING OF ALFALFA BLOOM (2017)	BSU	MISC SCIENCE
PESTICIDE APPLICATION TECH SYSTEM (2013)	UI	AGRICULTURE	HOPLITE SKATE ARMOR ANALYSIS (2017)	ISU	TECHNOLOGY
E.COLI DETECTION (2013)	UI	AGRICULTURE	MSM MICROPUMP (2018)	BSU	ENGINEERING
ANTICANCER AGENTS (2013)	BSU	MISC SCIENCE	ALUMINUM CASK FOR SPENT FUEL (2018)	UI	ENGINEERING
NANOFABRICATION SUPPORT (2013)	ISU	ENGINEERING	A GENERAL ALL-PURPOSE GONIOMETER (2018)	BSU	ENGINEERING
CANINE IMPLANT (2014)	BSU	ENGINEERING	AUGMENTED REALITY PLATFORM (2019)	ISU	ENGINEERING
2E-HEXENAL FUNGICIDE (2014)	UI	AGRICULTURE	CONVERTING WASTE TO PLANT CONTROL (2019)	UI	AGRICULTURE
SURFACTANT SOLUTIONS (2014)	BSU	MISC SCIENCE	WASHIE PROJECT (2019)	ISU	ENGINEERING
RISE ANALYTICS (2014)	ISU	ENGINEERING	RNA BASED RAPID STD TEST (2019)	BSU	MISC SCIENCE
NEW TECH: WATER NEXUS (2015)	UI	AGRICULTURE	3D MANUFACTURING FOR INDUSTRIAL APPS (2019)	UI	ENGINEERING
DATA ANALYTICS FOR PRECISION AG (2015)	BSU	ENGINEERING	SCALABLE MANUFACT. OF TUNABLE LASERS (2019)	BSU	ENGINEERING
PRECISION AG WITH UNMANNED AIRCRAFT (2015)	ISU	TECHNOLOGY	FLOCK54 – U.S. SHEEP INDUSTRY (2020)	UI	AGRICULTURE
TECH DEVELOPMENT FOR UAS PRODUCTS (2016)	UI	NAT RESOURCES	NOVEL DRONES FOR SAFETY ASSESSMENT (2020)	BSU	ENGINEERING
SENSOR ADAPTER OF M2M MARKET (2016)	BSU	ENGINEERING	FREE TO FEED - TEST HUMAN MILK (2020)	UI	AGRICULTURE
SMART RAISED PAVEMENT MARKERS (2016)	UI	ENGINEERING	MULTI-PRINTER COMPATIBLE NANOPARTICLE INKS	BSU	ENGINEERING
ANKLE ROLL GUARD (2016)	BSU	MISC SCIENCE	PEF POTATO PROCESSING ADVANTAGE (2021)	BSU	MISC SCIENCE
6,000 WATT GALLIUM INVERTER (2016)	UI	ENGINEERING	NOVEL METALLIC AND NANOMATERIAL COATINGS	BSU	ENGINEERING
AQUATIC ANIMAL PROBIOTIC #2 (2016)	UI	NAT RESOURCES	TESTING NEW MANUFACTURING METHODS OF NATURAL FIBER INSULATION BATTS (2021)	UI	ARTS & ARCHITECTURE

IGEM – Industry Partners

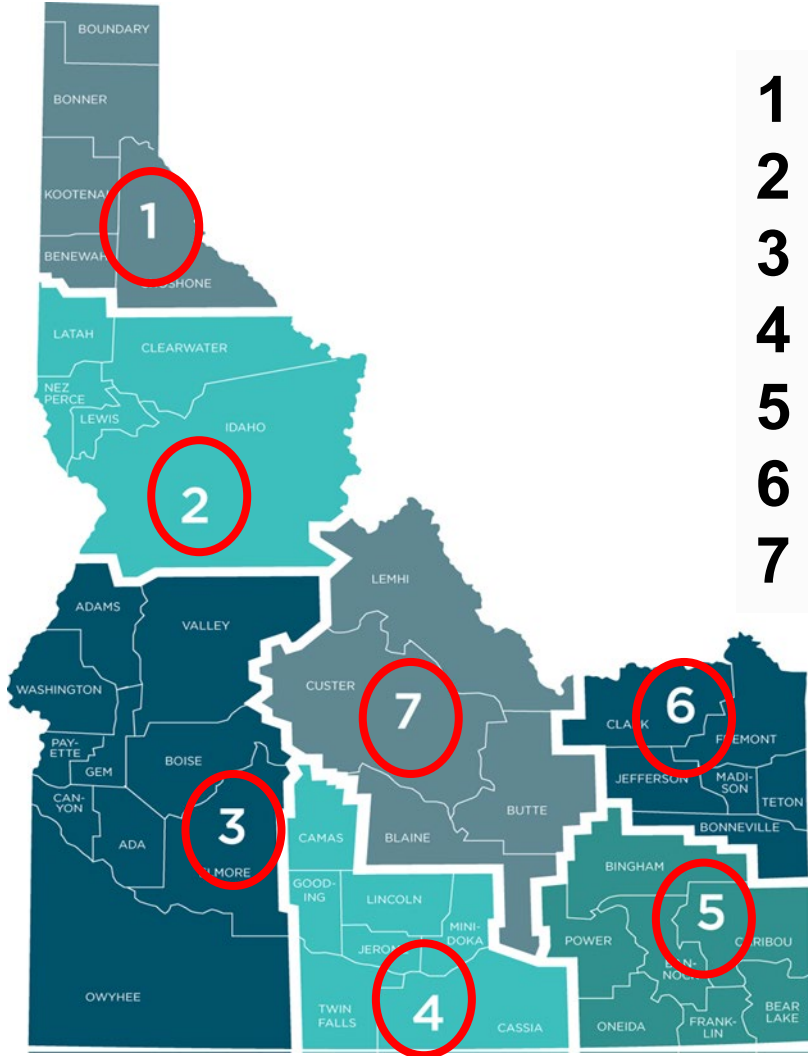# IGEM – Industry Regional Impact

1 = Empire Unmanned, Blue Water Tech
2 = BioCement Technologies, Avista
3 = Micron, Pitch Aeronautics, Simplot
4 = GenZ, Southern Fab. Works
5 = Inergy, Washie,On Semiconductor
6 = Anheuser Busch, Potandon Produce
7 = Hempitecture

IGEM – Boise Entrepreneur Week, IEC, ITC

IGEM – Elevate Idaho & SBIR

IGEM – International Impact

https://www.nbcnews.com/nightly-news/video/international-competition-with-10m-prize-hopes-to-solve-water-runoff-problem-1227000899955

IGEM.IDAHO.GOV – Program Microsite

IGEM.IDAHO.GOV – Program Microsite

IGEM.IDAHO.GOV – Idaho Resource Map

IGEM.IDAHO.GOV – Idaho Resource Map

ID Commerce, IGEM Program, Resource Map

1. **Idaho Commerce**
   - Mission – Lead Economic Agency
   - Assistance - Retention, Expansion, International, Incentives

2. **Idaho Global Entrepreneurial Mission**
   - Commercialization Grants for New Technologies
   - Networking - Matching Need to Resource
   - Partnerships – SBIR/Elevate Idaho, BEW, IEC, etc.

3. **Idaho Resource Map**
   - Business Assistance, Funding, and Research
   - 200+ Resources Across the State

IGEM – COMMERCE CONTACT

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https://igem.idaho.gov