

KANSAS BOARD OF REGENTS



Energy NET
Energy Network of Education and
Training for Kansas
May 27, 2010

Kansas Board of Regents &
Kansas Department of Commerce



★ LEADING HIGHER EDUCATION ★



This webinar:

1. Energy NET overview
2. Roles for Lead and Partner Institutions
3. Proposal Components
4. Procedures and Timelines
5. Questions for follow-up



What is Energy NET?

- Outcomes
- Background
- Funding
- Partnerships/Delivery Methods



Energy Sectors

Energy NET should ultimately provide training for the following critical energy sectors*

- **Emerging energy (wind, solar, photovoltaic, biomass, geothermal) and traditional energy**
- **Electric power transmission and distribution**
- **Smart grid and energy security**
- **Energy efficiency (residential, commercial, industrial)**

**subject to change with industry market adjustment*



Energy NET - Outcomes

Enhanced energy training capacity using college/university partners

Statewide training system.
Statewide network.
Statewide investment.

Training for 1) employed incumbent (advanced),
2) re-skill underemployed,
3) traditional students.

Stackable industry credentials and career pathways leading to academic credentials



Funds: one award up to \$1.9 million

\$1,000,000

- Year 1 (Fiscal Year 2011)

\$600,000

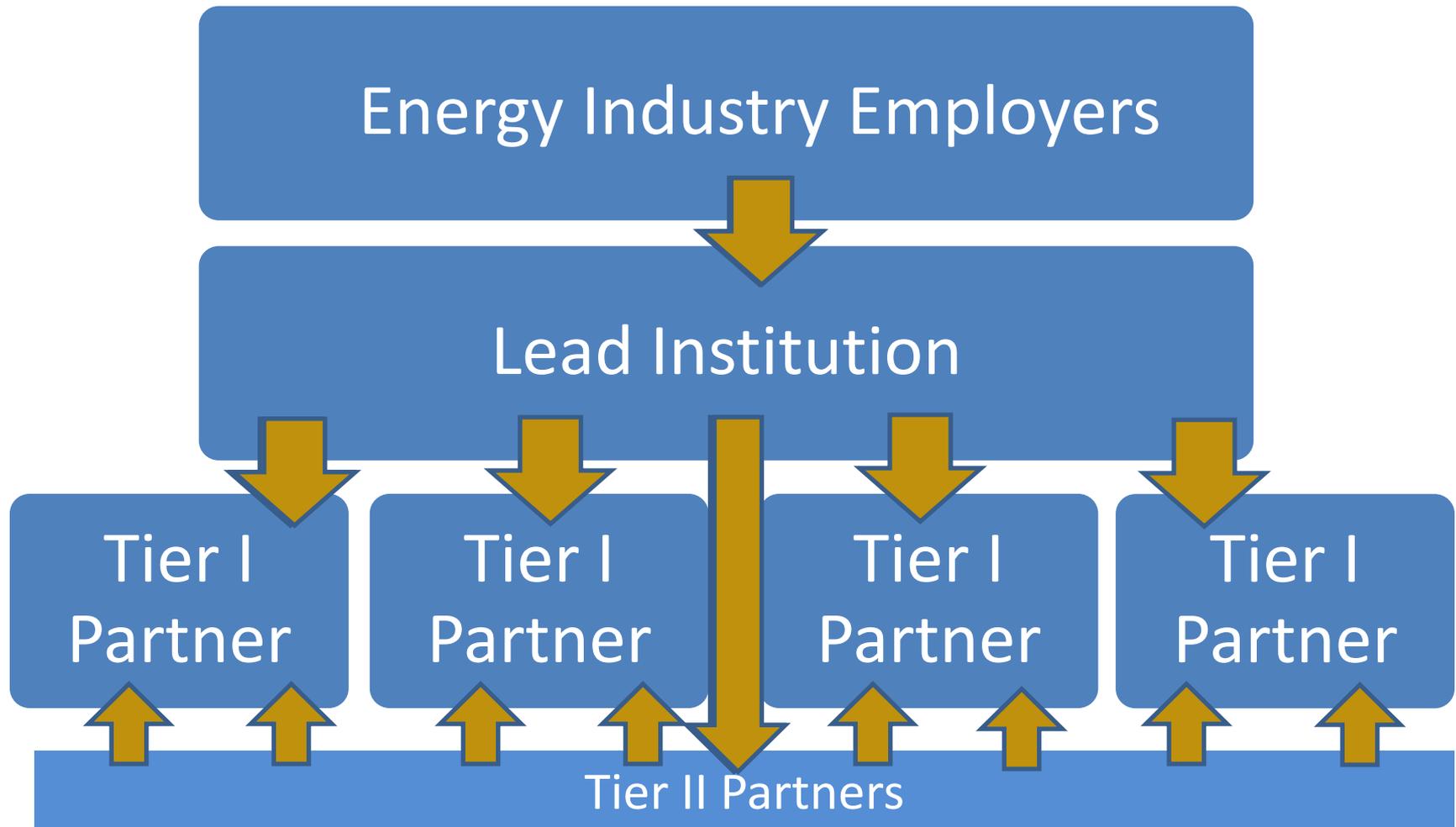
- Year 2 (Fiscal Year 2012)

\$300,000

- Year 3 (Fiscal Year 2013)



Energy NET – Model





Roles for Energy Employers

Phase 1

- Serve on proposal review committee
- Identify industry credentials, certificates, skills
- Provide guidance to colleges on training requirements

Phase 2

- Provide continued guidance and oversight
- Provide student and faculty internship opportunities and work site training experiences
- Evaluate student work products and skills

Phase 3

- Provide interviews to graduates
- Hire qualified employees
- Provide feedback for continuous improvement



Roles for Lead/Partner Institutions

Lead Institution

- Project management with energy employers
- Coordinator for Tier I and II College Partners
- Provide expertise/capacity: energy or e-learning
- Provide coordination, support staff, office

Tier 1 Partner

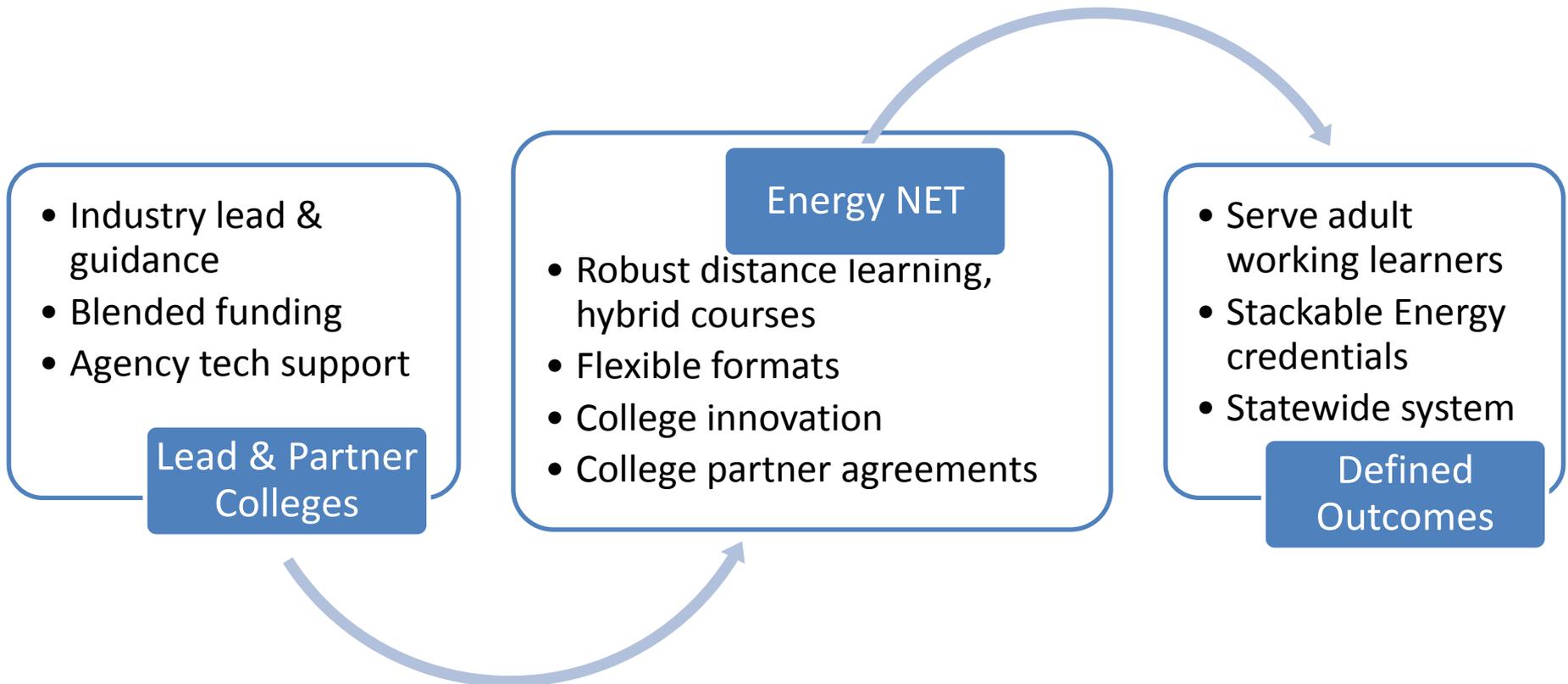
- Direct providers of established Energy NET training
- Offer technical courses and/or programs
- Collaborate with industry sector/colleges

Tier 2 Partner

- Interested institutions may offer standardized foundational coursework in support of Energy NET



Energy NET – Model





Possible Funding Uses

Lead Institution

- Project management, coordination, partnership development, overhead
- MOU and articulation development, system-wide outreach

Tier 1 Partner

- Direct costs of increasing energy training
- Develop/purchase digital, interactive e-learning courseware
- Curriculum upgrades - embedding industry credentials

Tier 2 Partner

- Direct costs of standardized foundational coursework in support of Energy NET
- Collaboration and partnership expenses



Proposal Components

Lead Institution – Innovation Encouraged – May Include:

- Delivery of industry-endorsed credentials; graduates meet standardized industry outcomes
- Flexible training formats to meet needs of adult working learned and dislocated worker
- Develops or purchases high quality digital interactive on-line courseware
- Delivers hybrid courses with at least 2/3 content delivered online or in computer assisted delivery mode
- Sets a prototype for standards for technical certificates, AS, AAS to BS articulation model
- Provides sample MOUs to be used among participating institutions
- Provides models for cost sharing among institutions
- Develops criteria for quality control
- Provides for synchronous, and a-synchronous learning



Proposal Components-Cont'd

Lead Institution – Innovation Encouraged – May Include:

- Options for credit and non-credit courseware and flexible admission procedures
- Leverages and adapts curriculum and training materials in existence
- Pilots a model to set energy standards for statewide articulation model with secondary schools
- Includes concrete industry commitment
- Incorporates Kansas **WORKReady!** Certificates as appropriate
- Uses apprenticeship model where industry fit
- Creates a model of career pathways or lattices using stackable credentials
- Incorporates proven strategies for student success to increase retention and completion for adult learners
- Engages industry partners to provide continued involvement and direction



Questions

- ★ Enter into on-line chat today or submit to khund@kansascommerce.com by June 7
- ★ By June 11 – answers posted and sent
- ★ Review Energy NET document on KBOR website – Workforce Development
http://www.kansasregents.org/energy_net_rfp



Procedures and Timeline

- ❑ Concept Paper: brief plan (maximum 5 pages) for Energy Sector Components and evidence of capability to handle project.
- ❑ Full partnership plans or budget not required with concept paper.
- ❑ Concept Paper Due
 - June 30, 2010 by 4 pm –electronic copy to khund@kansascommerce.com
- ❑ Invitation for full proposal – within 30 days