

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 ★

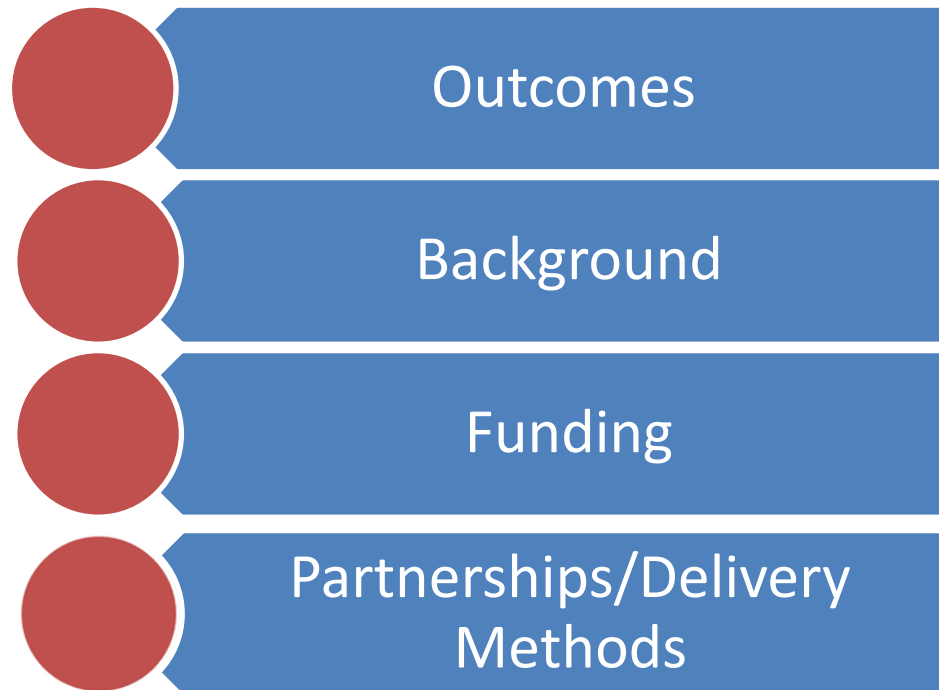


This webinar:

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?





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

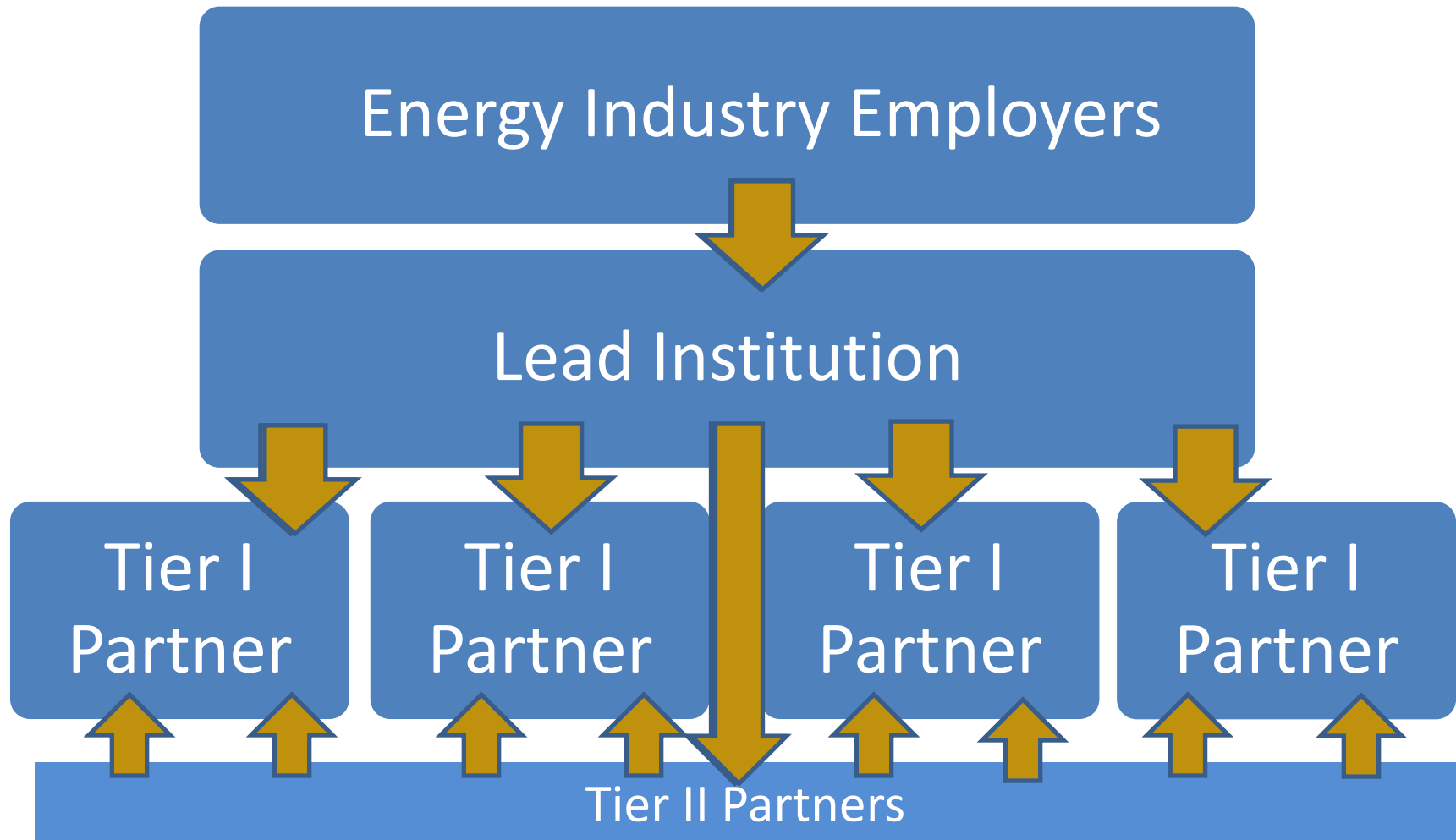
- Year 2 (Fiscal Year 2012)

\$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

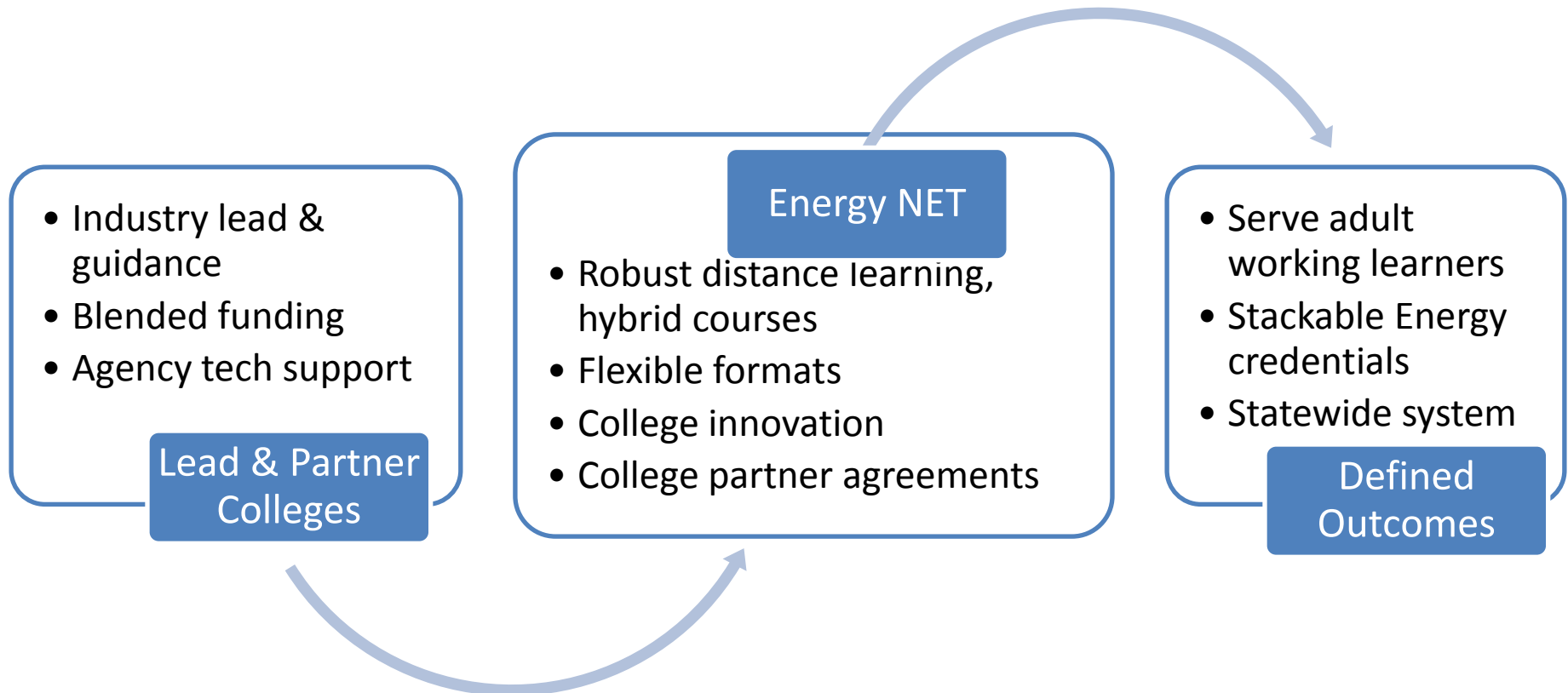
- Direct providers of established Energy NET training
- Offer technical courses and/or programs
- Collaborate with industry sector/colleges

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:

- | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none">•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 | <ul style="list-style-type: none">•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:

- | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none">•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 | <ul style="list-style-type: none">•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