

# Overview of ESUCC Initiatives

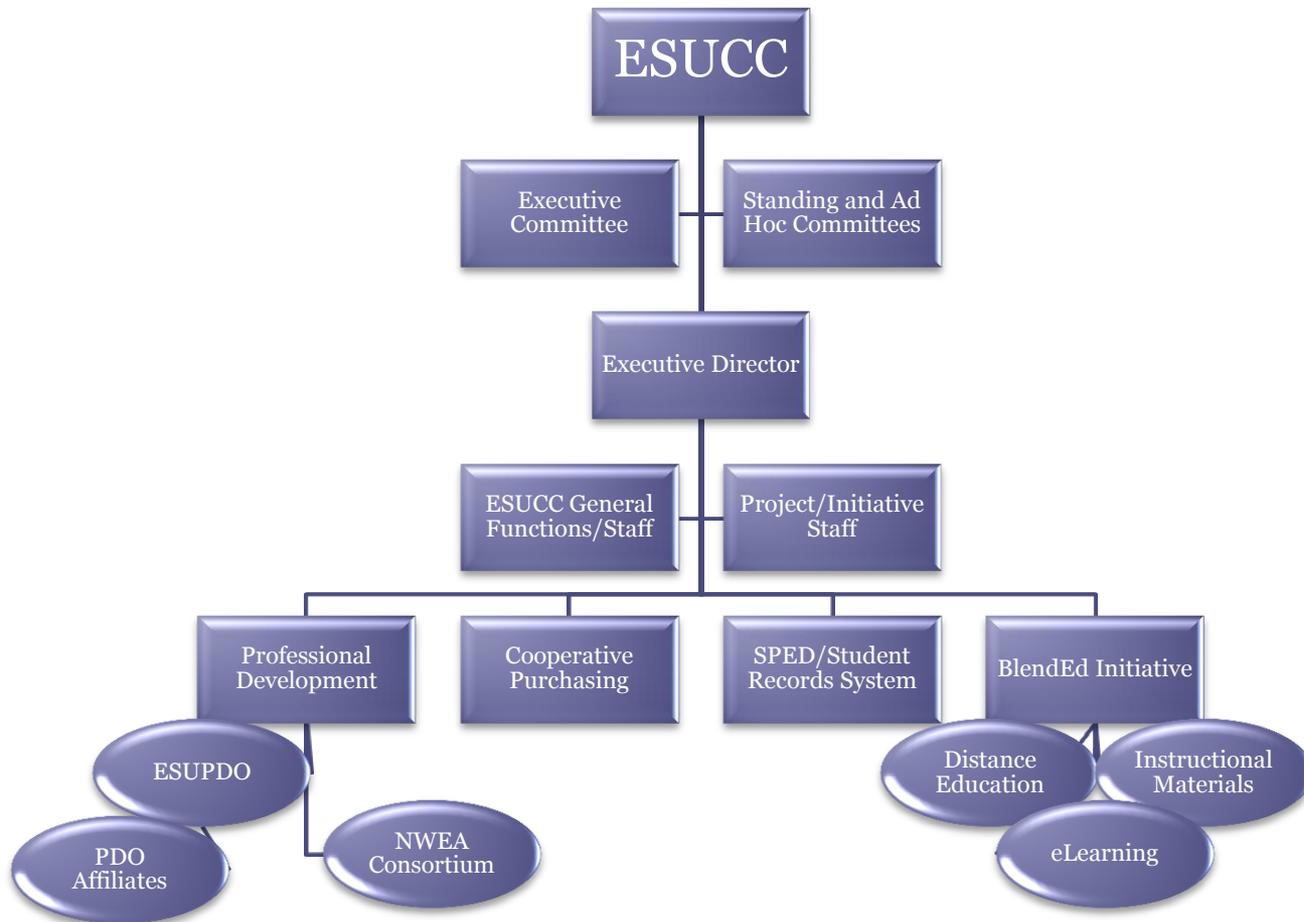
Education Panel – NITC

8/16/2012

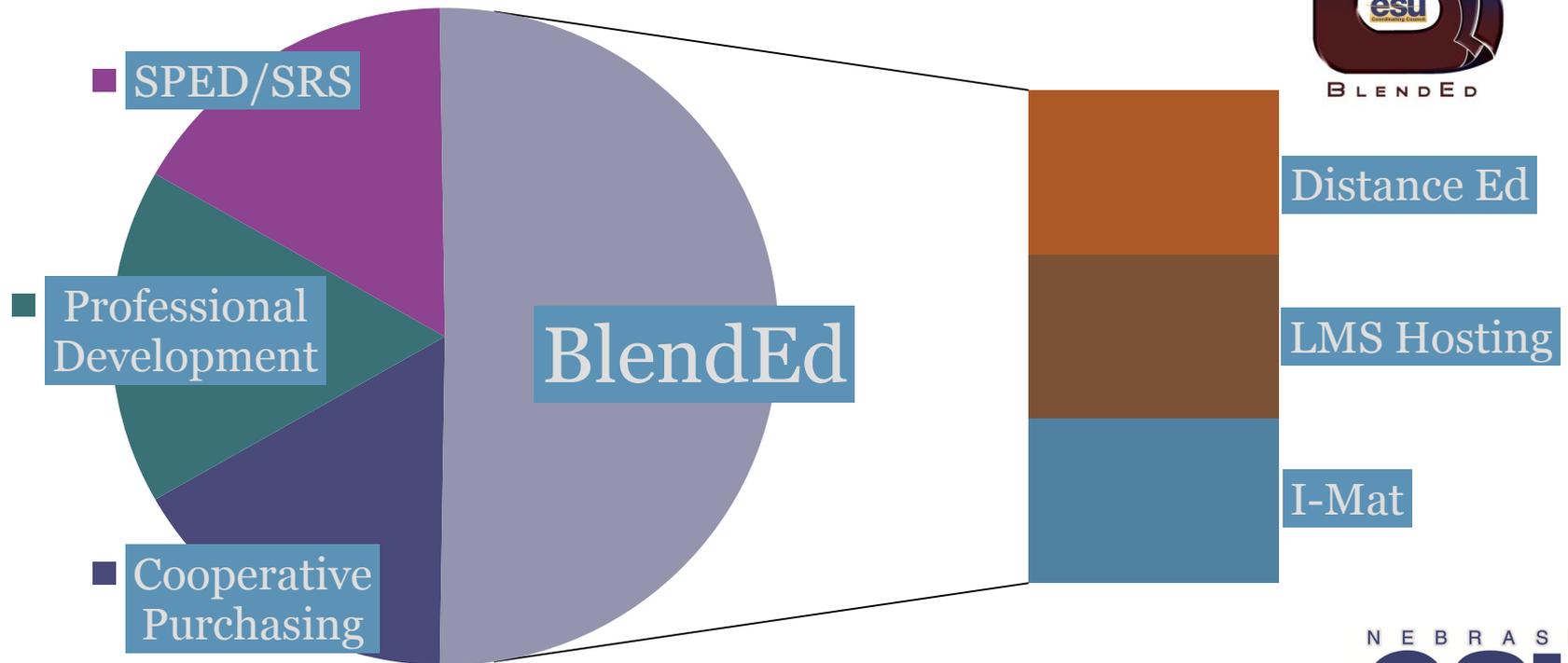
Presented by Matt Blomstedt



# 2012-13 ESUCC Structure



# ESUCC Project Areas



# ESUCC Strategic Priority Areas

- ESUCC Processes
- Accountability and Communication
- Partnerships with Stakeholders
- Technology Infrastructure and Integration

# ESUCC's Focus

- Partnerships
- Professional Development
- Efficient and Effective statewide services
  - Prior to ESUCC, all projects were independent. The focus on effective collaboration, processes, and strategic management have led to major initiatives in several areas including PD, Coop, & BlendEd.

NEBRASKA  
**esu**  
Coordinating Council

Partnering to expand Nebraska educational opportunities...

BlendEd

LEARN360  
HOPE - BRICH - EXCEL

eNVISION: the Nebraska Virtual Instruction Source  
a clearinghouse for distance education and virtual learning

ANGEL LEARNING  
Just Forward Now

NEBRASKA VIRTUAL PARTNERSHIP

Quality Professional Development...

**esu**  
Educational Service Unit  
Professional Development Organization

Providing staff development, technology assistance, network operations, instructional materials, special education, and assisting in school improvement.

Efficient & effective statewide services...

Student Record System ~ SRS  
Nebraska School Districts

Special Education

**esu**  
Educational Service Unit

Introducing a new web procurement system this fall  
**esm**  
solutions

[www.esucc.org](http://www.esucc.org)

# Professional Development Goals

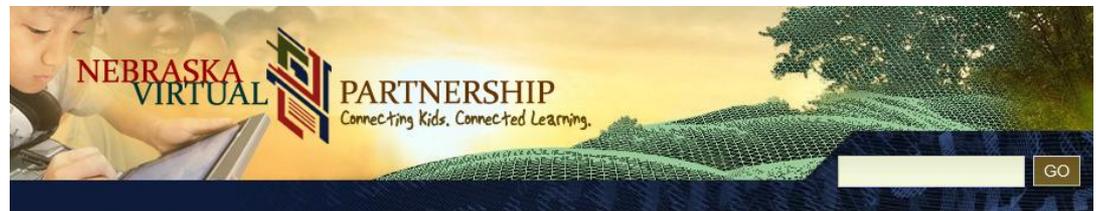
- Statewide, systematic PD
- Data informed collaborative process in partnership with NDE (Rule 84)
- Online Professional Development “platform”
  - Including PD content systems, LMS, etc
  - Groundwork established by statewide collaboration on professional learning networks and content area cadres.
  - Other PD content available

# NITC Digital Education Areas

- D1 – National Repository of Online Courses
  - ESUCC now sponsors the K-12 use of NROC
- D2 – Content Management Planning
- D3 – Digital Content Repository
  - Nebraska Virtual Partnership efforts with NET
    - NET Virtual Library announcement is “phase I”
    - Phase II content sharing and collaboration
- D4- Statewide LMS
- D5 – Statewide Directory (LDAP)
  - ESU NOC working group
  - Federated approach

# Nebraska Virtual Partnership

- [www.nebraskavirtual.org](http://www.nebraskavirtual.org)
- NET
- UNL-ISHS
- NDE
- ESUCC



[Home](#) [Press](#) [About Us](#) [Course Opportunities](#) [Events Calendar](#)

HOME

## Keeping Pace Survey

Give your own responses to the [Keeping Pace Strategic Planning Survey](#).

## Keeping Pace with K-12 Online Learning 2011

Download [Keeping Pace 2011](#) for the most comprehensive report yet about online and blended learning and Virtual School efforts in various states.

## Student Resources

If you are a Grade 9-12 student in a Nebraska public, private or home school, Virtual Education options and opportunities are awaiting you. Virtual education courses include video, web-based, and blended learning environments that feature highly qualified

## Opportunities

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# National Repository of Online Courses

- ESUCC Sponsors NROC for K-12

**ESUCC to sponsor K-12 use of National Repository of Online Courses (NROC)**  
LINCOLN, NE: The ESU Coordinating Council has assumed the sponsorship of a statewide membership for K-12 use of the National Repository of Online Courses (NROC). You may visit Nebraska's Hippocampus site by going to <http://www.hippocampus.org/?user=myESUCC> OR [nroc.esucc.org](http://nroc.esucc.org)

"The National Repository of Online Courses (NROC) is a growing library of high-quality online course content for students and faculty in higher education, high school and Advanced Placement". This non-profit project, supported by The William and Flora Hewlett Foundation, is an Open Educational Resource (OER) and facilitates collaboration among a community of content developers to serve students and teachers worldwide." ([read more here](#))

**NROC**  
NATIONAL REPOSITORY  
of ONLINE COURSES

The statewide sponsorship of NROC originated through Nebraska's Partnership for Innovation (PFI) in 2008. The original membership for NROC include higher ed use through the partnership. At this point, the ESUCC is able to provide membership for K-12 users and will seek higher education partners to sponsor use at that level. Additionally the advent of the newly formed Nebraska Virtual Partnership will provide a centralized point of access for digital resources such as NROC and other potential Open Educational Resources to be made available.

"The ESU Coordinating Council is pleased to be able to provide this resource as part of the Nebraska Virtual Partnership effort," according to Matt Blomstedt, Executive Director of the ESUCC. "We look forward to working with the Partnership and others to bring such high quality and nationally recognized resources for virtual and blended learning opportunities across the state."

The screenshot shows the HippoCampus website interface. At the top, there is a navigation bar with links for Home, Classic HippoCampus, User's Guide, Get Help, Log In, and About. The main header features the Nebraska ESU Coordinating Council logo on the left and the HippoCampus logo on the right, with the tagline "Teaching with the Power of Digital Media". Below the header, there is a "Welcome" section with a video player showing a man speaking. To the right of the video, there is a "Create a FREE ACCOUNT" button and a list of features: "Mix your own media Playlists using content from any collection", "TRACK what media is 'rending' this week for your subject area", "FIND what media is rated highest by other HippoCampus users", and "SHARE your customized HippoCampus with your students and friends". Below the welcome section, there is a "Browse SUBJECTS" section with a list of subjects: Math, Arithmetic, Algebra & Geometry, Calculus & Advanced Math, Statistics & Probability, Natural Science, Biology, Chemistry, Physics, and Earth Science. To the right of the subjects list, there is a video player showing a man speaking. Below the video player, there is a "Place-Value Chart" with columns for Trillions, Billions, Millions, and Thousands. On the far right, there is a "Browse COLLECTIONS" section with logos for NROC (National Repository of Online Courses) and KHANACADEMY.

# ESUCC's Initiatives for Digital/Virtual Education

- BlendEd was established by the ESUCC for 2012-13

Section 1. Purpose of BlendEd Initiative and Projects. The ESUCC shall provide distance education services including brokering and facilitating the exchange of distance education courses, the administration of learning management systems, and the assessment of distance education needs and evaluation of distance education services as provided for in NEB. REV. STAT. § 79-1248 and other state statutes and regulations. Additionally, the ESUCC is charged with the administration of statewide initiatives and provision of statewide services among other duties in NEB. REV. STAT. § 79-1246. The ESUCC also has managed statewide services in “core services” as that term is defined in statute, including instructional materials services. The purpose of the BlendEd Initiative is to assure cost-efficient and equitable delivery of digital education opportunities in partnership with educational service units, school districts, and other potential partners. The BlendEd Initiative will unify ESUCC projects and seeks to collaborate to provide students and school districts across the state with access to a mix of different learning environments to best support the combination of traditional face-to-face classroom methods with more technology-mediated activities.

# Distance Education Brokering

- Renovo and Nebraska Virtual Instruction Source

**eNVISion: the Nebraska Virtual Instruction Source**  
a clearinghouse for distance education and virtual learning

- Login
- Request Account
- Home
- Course Offerings
- Virtual Field Trips
- RSS Feed

**COSI** EXPLORE SCIENCE. DISCOVER FUN!

NASA Great Moonbuggy Race

NATIONAL BASEBALL HALL OF FAME

**NVIS**

Welcome to NVIS - The Nebraska Virtual Instruction Source

**eNVISion the future.**

Video News

Verify Courses in NVIS

Duplicating Courses in NVIS

**2012-13 Courses!**

Current Course Breakdown by Subject

- [Agriculture \(37 courses\)](#)
- [Arts \(Music & Art\) \(19 courses\)](#)
- [Business \(21 courses\)](#)
- [English \(66 courses\)](#)
- [Family & Consumer Science \(29 courses\)](#)
- [Foreign Language \(73 courses\)](#)
- [Industrial Technology \(7 courses\)](#)

# BlendEd Goals

- Organize existing projects around a common theme as the contribution to Nebraska Virtual Partnership and other statewide collaborative efforts.
- Structure professional development around Blended Education and technology integration for schools
- Promote school improvement through enhanced course offerings and student experiences

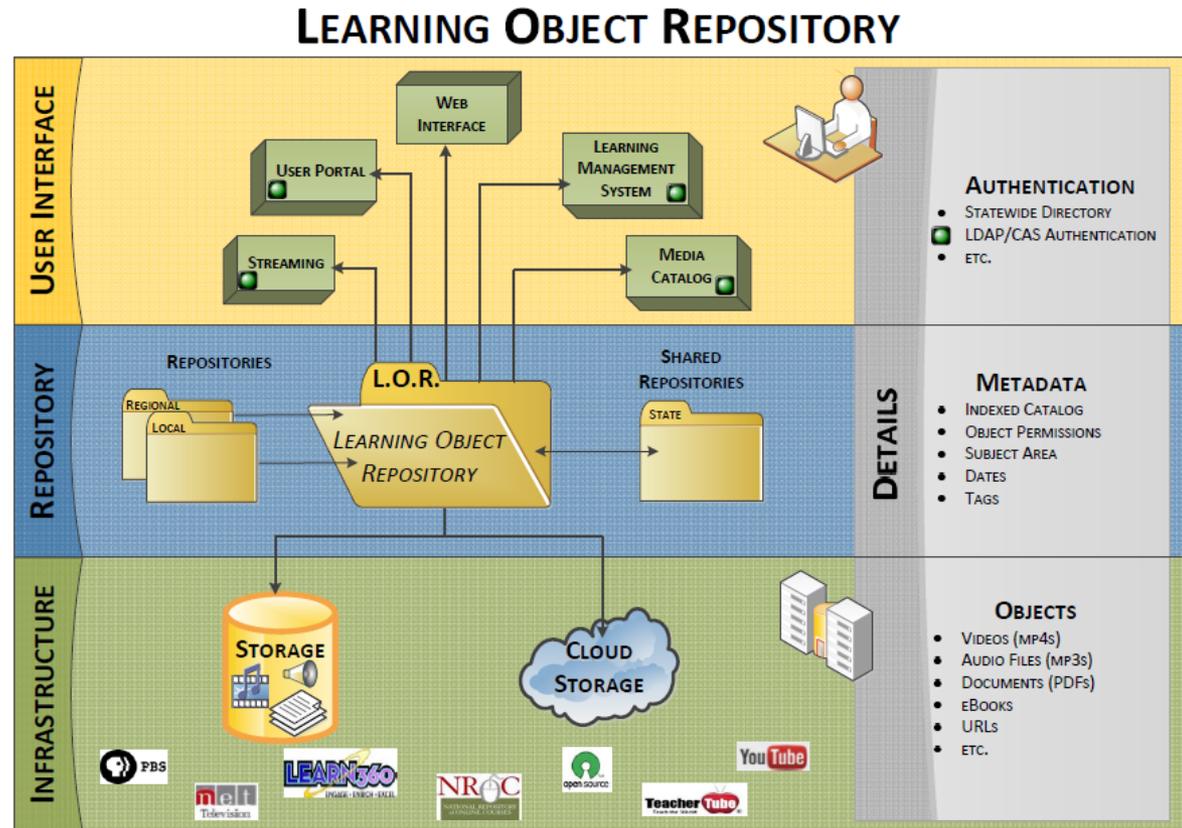
# BlendEd Systems and Plans

- **Distance Education Scheduling & Brokering:**
  - Currently provided through Renovo and the Nebraska Virtual Instruction Source
- **Learning Management System Administration:**
  - Hosting of ANGEL /Blackboard and parallel services
- **Media on Demand (IMAT):**
  - Learn360 is provided as a statewide subscription media service and also will host "Nebraska Titles" purchased by the ESUCC through the Instructional Materials (IMAT) project
- **Local Content Hosting Planning:**
  - This service is still in development but will eventually provide a learning object repository and compliment subscription media. The initiative effort will work with ESUPDO affiliate groups including I-Mat and NOC to develop plan for implementation.
- **Lightweight Directory Access Protocol / LDAP Planning:**
  - This service is still in development and planning stages among the ESUPDO/NOC affiliate group but will provide a framework for directory authentication into digital services. The initiative effort will work with ESUPDO/NOC and others as necessary to develop plan for implementation.



# Planning stages: I-Mat Digital Delivery Committee

- I-Mat continues to work on plans to present to ESUCC
  - Such as this LOR diagram prepared by the committee and ESU 10 staff



# Making Strategic Decisions

- ESUCC continues to centralize digital resources and capacities for ESUCC projects as services directly available on Network Nebraska.
- Servers and projects continue to be moved Network Nebraska hubs
- These decisions have led to other opportunities to collaborate with a variety of partners
- Opportunity for strategic partnerships through cooperative purchasing of digital and virtual offerings

# Making Strategic Investments

- Start with identified goals of ESUCC and NITC
- Include goals of other partners and participants
- LMS –
  - Professional Development – Every teacher
  - 6-12 – Every student
- Content Management
  - Federated systems approach
- NDE projects
  - Standards Instructional Tool
  - E-books
  - PD in content areas and special projects

# Next Steps

- NDE leadership remains critical
- ESUCC will continue efforts on stated goals
- Need K-12 and P-16 input
- Recommendations from NITC?
  - Tech Panel, Education Panel, & other stakeholders

# Comments / Questions?

- Contact
  - Matt Blomstedt: [matt@esucc.org](mailto:matt@esucc.org)