

# **Illinois State Board of Education**

## **Illinois Longitudinal Data System Data Advisory Committee**

**February 10, 2010**

# ILDS Data Advisory Committee

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## Agenda

**Welcome and Introductions**

**Committee Administration and Status**

- **Review of Previous Meeting Minutes**
- **Review of Action Items**
- **ILDS Project Status**

**Data Governance**

**Data Architecture RFSP and Requirements**

**Data Warehouse Requirements**

**Wrap Up and Adjournment**

## **Committee Administration and Status**

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- **Meeting Minutes**
  - **12/9/2009 Meeting Minutes**
  - **1/12/2010 Meeting Minutes**
  
- **Action Items**
  - **Procedures**
  - **Data Governance**

## Committee Administration and Status

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- **Project**

- January status call with U.S. Dept of Education held

- **Data Advisory Committee**

- January, 2010 Meeting held
- Defined our ongoing business
- Several new members
- P-20 Council Liaison
- Two Focus Groups Forming
  - Teachers (IEA, IFT)
  - Principals and Administrators (IPA)

- **Enterprise-wide Data Architecture**

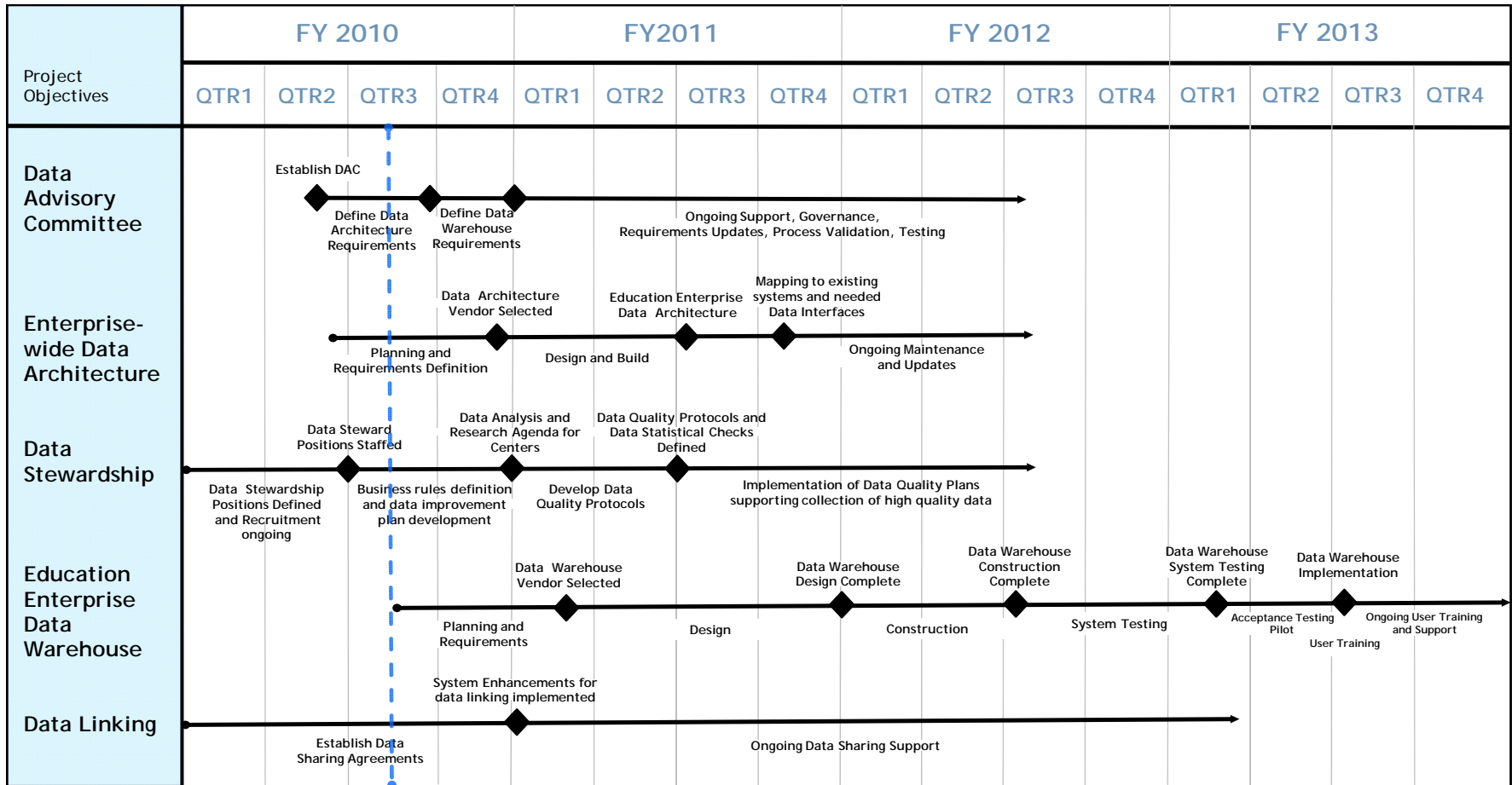
- RFSP under construction, in ISBE internal review
- Requirements identification a key input
- Establishing additional focus groups for requirements gathering

## Committee Administration and Status

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- **Data Stewardship**
  - One position filled, efforts continue to fill positions
  - Analysis underway
  - Communications mechanisms – ILDS Data Checks and Audit Procedures Web page
- **Education Enterprise Data Warehouse**
  - No activity to report
- **Linking of ISBE data with Postsecondary and Employment Data, and use this data for Research and Analysis**
  - Agreement in place
  - High School Feedback Report Data Sharing activities commencing
- **Overall**
  - On schedule
  - Slightly behind spend plan

# ILDS Project Timeline



## **Data Advisory Committee – For next meeting**

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- **Agreed upon procedures to:**
  - **Document our work – Meeting Minutes**
  - **Provide feedback**
    - **Participate in Meetings**
    - **Direct contact with Project Sponsors or Project Manager**
  - **Prioritize our needs and requests**
    - **Define as requirements**
    - **Include in project work, deliverables**
  - **Perform Issue Resolution**
    - **Discuss as a Group**
    - **Reach consensus**
    - **Project Sponsors serve as arbitration resource**

## Data Governance

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- **We Need:**
  - **Vision statement** - An image of the desired future
  - **Mission statement** - a specific task with which a person or a group is charged; a pre-established and often self-imposed objective or purpose. Mission statements frequently make the companion vision statement operative
  - **Goals** – specifics

**Mission and vision statements form the foundation of communication concerning the data governance initiatives.**



## Data Governance

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### Data Advisory Committee Data Governance Vision (proposed)

- To help establish the technical and management systems necessary for ISBE and its education partners to manage, link, and analyze P-20 education data.

### Data Advisory Committee Data Governance Mission Statement (proposed)

- Advise ISBE and its education partners on data use and data management
- Be committed institutional support for advising on data coordination across education partner organizations
- Develop a common understanding of data ownership, data management, and data confidentiality and access
- Help to resolve differences among education partners seeking to access education data
- Help to define and implement joint data activities

## Data Governance

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### Goals (proposed)

- **Meet on a regular basis to help define project success criteria and review ILDS project status against these criteria**
- **Help define requirements for the ILDS project that support the definition of an Enterprise-wide Data Architecture and the Education Enterprise Data Warehouse**
- **Help define process changes that support submission and integration of data, including establishing data sharing agreements amongst education partners**
- **Provide a continuous focus on and support the continuous improvement of data quality**
- **Coordinate with and assist the ISBE Project Management Office**
- **Provide assistance with implementation and change management in support of the ILDS Project**

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# Data Architecture RFSP and Requirements

## **Data Architecture Requirements**

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**Enterprise-wide Data Architecture will result in:**

- 1.The construction of an Enterprise-wide Data Model and Data Dictionary, including Metadata**
- 2.Logical model of LDS Data Warehouse**
- 3.Display tool for public access to the data model**
- 4.A Gap Analysis that identifies differences between the National Education Data Model and the ISBE data collection systems**
- 5.Linking data to college and career planning portals, facilitate the submission of transcripts**
- 6.Matching students to teachers - establish a system to evaluate teacher and administrator preparation programs**

## **Data Architecture Requirements**

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**Enterprise-wide Data Architecture will result in (cont):**

**7.Streamlined EDEN and Federal Reporting**

**8.Mapping of subset of ISBE reports to LDS repository**

**9.Data Architecture that meets confidentiality requirements of FERPA and Illinois Student Records Act (ISSRA)**

## **Data Architecture Requirements**

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- **Additional initiatives to support (per P-20):**
  - **Matching students to teachers**
  - **Providing student level transcript information from middle and high schools**
  - **Establishing a statewide course classification system**
  - **Linking integration of data with postsecondary and employment data, other agencies and organizations**
  - **Establish a State data audit system**
  - **Planning for Learning and Performance Management System data structures**

# Data Architecture Requirements

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## Areas of interest and focus:

- **Linking data for college and career portals –**
  - SIF interchange
  - ISAC alignment
- **Postsecondary data**
  - Data Sharing Agreements in place
- **Workforce data, workforce linkage**
  - Through postsecondary links
- **Information in the classroom**
  - Focus Groups
  - LPMS, Future initiatives
- **Input received from ISAC, IASB, LRU, ELC**

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# **ILDS Data Warehouse and Requirements**



## Specific Project Component Requirements

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### **P-20 Longitudinal Education Data System Act**

- **Data Warehouse (4<sup>th</sup> project component)**
  - **Public Internet Web interface**
  - **Provide research and reports to legislature**
  
- **Will commence defining requirements at March meeting**
  - **Bring your thoughts!**

## Wrap Up and Adjournment

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- **Review takeaways**
  - **Data Governance**
  - **Data Architecture Requirements**
  - **Data Warehouse Requirements**
  
- **Next meeting date – March 10, 2010**
  
- **Communications**
  - **Contact Information**
    - **Committee Email: [ILDSDAC@isbe.net](mailto:ILDSDAC@isbe.net)**
    - **Committee Web Site**