Data System Implementation

Introducing a Discussion and Planning Tool

Introductions

Please take a moment to introduce yourself in the chat

- Name

- Institution

- One thing you are hoping to take away from this webinar

- At least one comment or question from the pre-work

Framing the Discussion

Ed-Fi Teacher Preparation Data Model

What we hope to accomplish today

Review of Findings

- The challenges are almost **universally under-estimated**.

- Human, organizational, and technical factors are highly **interconnected**.

- Implementation of new information technologies is a profoundly **local** and **contextual** process.

Recommendations

- Carry out a careful and strategic **analysis** of **local conditions**.
- Establish a **multidisciplinary** implementation management team.
- Collect **ongoing data** on the dashboard implementation process and use that data to **guide** implementation.

Introducing the Tool

- Used the **People, Tools, Organizations, & Processes framework** from the literature review

- Questions are meant to **generate discussion** within your organization
  - **Not** an evaluative tool
  - Ideally used with a **multidisciplinary group**

People: What are the values, perceptions and needs of people involved in the DDB work, and how do these affect their engagement or nonengagement with opportunities to use the tool?

Element of PTOP

Guiding question

Specific question

Descriptions of organizations

Less likely to succeed

To what extent do the people expected to use the tool believe the DDB is a valuable resource for their work?		
...pockets of individual enthusiasm may ...users (e.g. academic leaders, ...faculty) have not ...DDB will be used ...even be aware of the project.	Shared vision exists in some parts of the organization (eg., the administration), but is not shared across internal groups and organizational boundaries (eg., across administration, faculty, staff, or between unit and central IT).	A concrete vision is shared by developers, end-users, and organizational leaders regarding how the DDB will be used to support the work of the organization.
To what extent are people's concerns about the DDB well understood and used as a resource for development and implementation planning?		
User concerns are not well understood and not differentiated across user groups.	The similarities and differences in concerns within and across user groups are well documented and understood at the beginning of the project	User concerns are regularly assessed and used strategically as a resource for development and implementation planning.
To what extent do the people expected to use the DDB have the data-related skills required to access and use the tool?		
The skills required to access and use the DDB are not clearly and publicly defined.	The skills required to use the DDB are well defined, but the status of faculty and staff knowledge and skill is not understood OR faculty and staff knowledge and skill is insufficient.	Faculty and staff have the skills required to use the DDB.

Breakout Groups

Purpose:

To give us a chance to **explore** the tool

To surface questions, concerns, and ideas around the **content** and **uses** of the tool

To put people at **different places** in the implementation and planning process in **conversation** with one another.

Process:

Go to the shared Google slide deck…

• Take 5 minutes to review the tool
• Discuss for 10 minutes
• Record thoughts, questions, concerns, and ideas

Discussion

Wrap Up

- Resource folder

- Feedback

- Contact information

- Thank you!

Discussion of Pre-Work

Comments & connections

- What resonated with **your experience**?
- How did the pre-work shape your thinking about the **next steps for your institution**?