



XSEDE Advisory Board Meeting

August 17, 2016

DATA SAMPLE PART 01:
The first data sample shows a series of data points that are plotted on a graph. The data points are connected by a line, and the graph shows a clear upward trend. This suggests that the data is increasing over time, which could be a positive sign for the project.

DATA SAMPLE PART 02:
The second data sample shows a series of data points that are plotted on a graph. The data points are connected by a line, and the graph shows a clear downward trend. This suggests that the data is decreasing over time, which could be a negative sign for the project.

DATA SAMPLE PART 03:
The third data sample shows a series of data points that are plotted on a graph. The data points are connected by a line, and the graph shows a clear upward trend. This suggests that the data is increasing over time, which could be a positive sign for the project.

DATA SAMPLE PART 04:
The fourth data sample shows a series of data points that are plotted on a graph. The data points are connected by a line, and the graph shows a clear downward trend. This suggests that the data is decreasing over time, which could be a negative sign for the project.

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XAB Meeting Agenda

- Review & award status update
- Project Improvement Fund Process
- NSCI & XSEDE's Role
- XAB expectations



Review & Award Update

John Towns & Rudi Eigenmann

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XSEDE Project Improvement Fund Process

Ron Payne
Program Office Director, XSEDE
rpayne@ncsa.illinois.edu

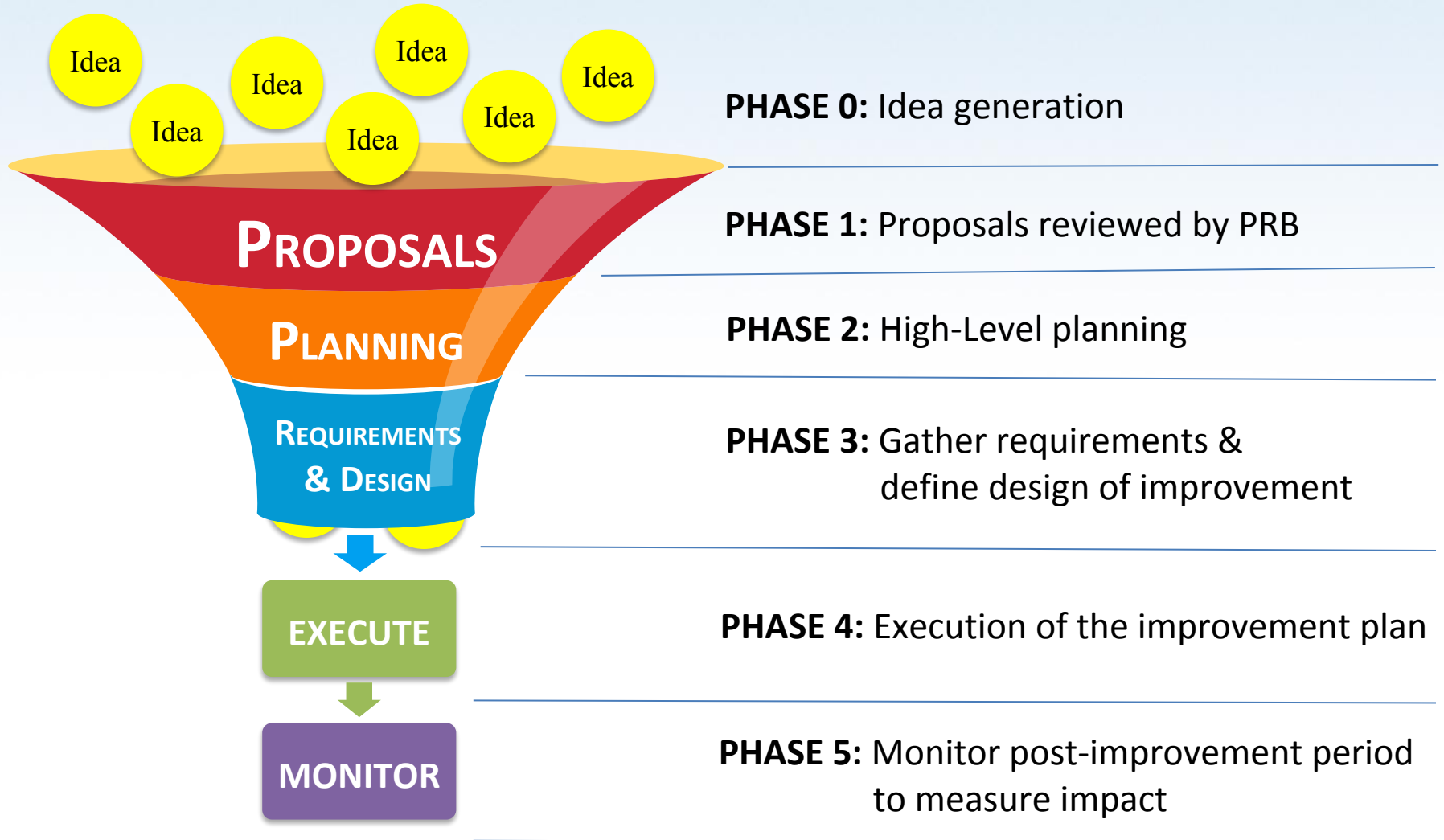
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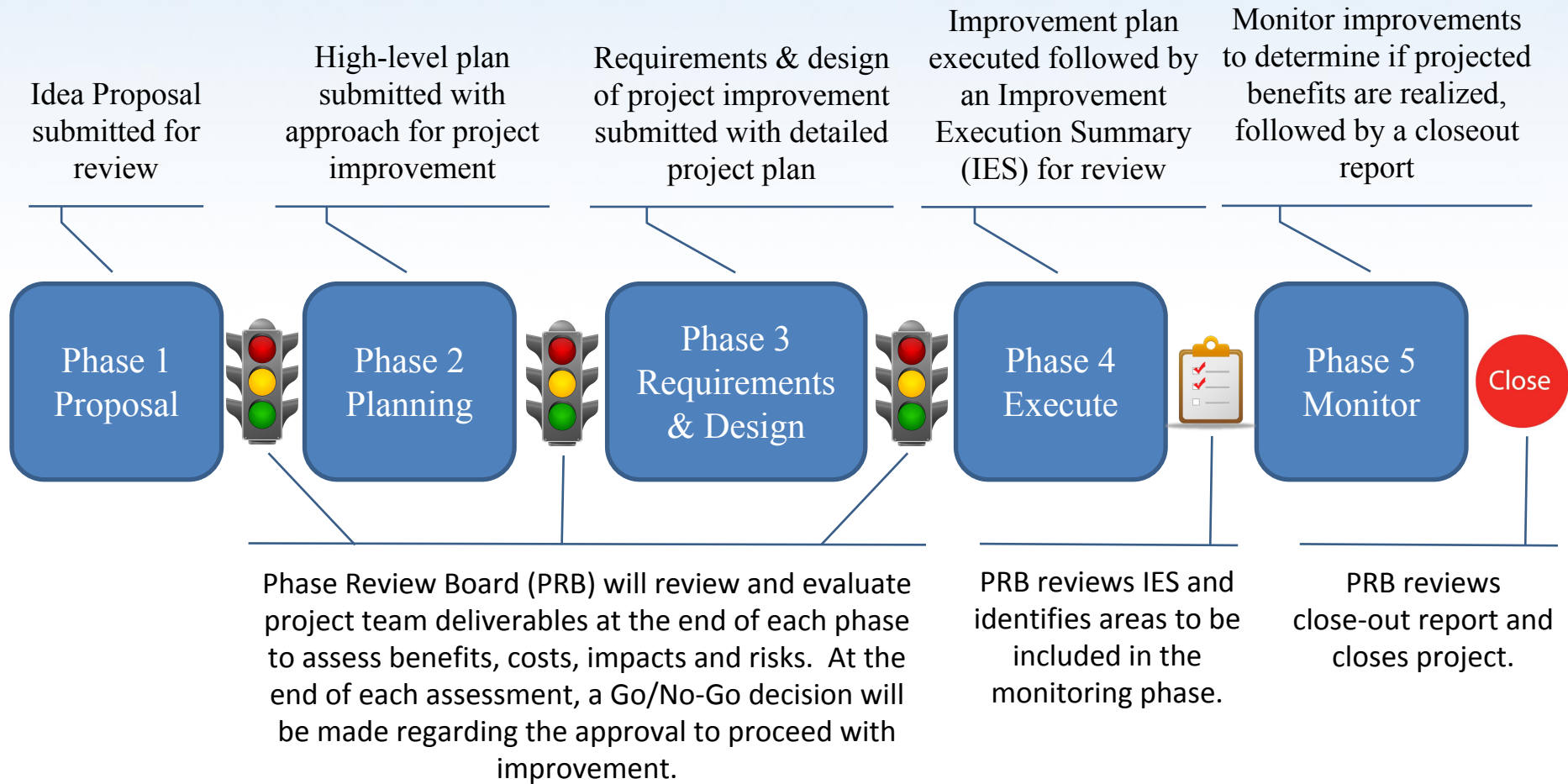
XSEDE Project Improvement Funds

- Project Improvement Funds (PIF) are allocated for significant enhancements to XSEDE service offerings, CI resources, and/or operations that are expected to make a significant positive impact on the community's abilities or internal effectiveness and efficiency
- Fixed amount will be allocated annually from PY6 – PY9
 - PY6 PIF allocated to website redesign
- Phase Gate with a weighted evaluation process will be used
- Phase Review Board to use blind Delphi technique
 - Membership representation from XSEDE Program Office, PIs, L2 Directors, Service Provider Forum, & User Advisory Committee

Project Improvement Funnel



XSEDE Project Improvement Process



PIFP Weighted Assessment

- Proposal assessment points:
 - Impact on users
 - Impact on staff
 - Impact on service providers
 - Requested funding amount
- Weighting

1	2	3	4	5
Very Negative	Negative	Neither Positive nor Negative	Positive	Very Positive

XAB Feedback Requests

- Balancing: process vs. analysis and execution
- Input on weighted assessment & assessment points
- Balancing: PRB membership inclusion vs. decision making

NSCI & XSEDE's Role

John Towns

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NCSI & XSEDE's Role

- The NSCI seeks to accomplish five strategic objectives in a government collaboration with industry and academia:
 - 1. accelerate the successful deployment and application of capable exascale computing;
 - 2. ensure that new technologies support coherence in data analytics as well assimilation and modeling;
 - 3. explore and accelerate new paths for future computing architectures and technologies, including digital computing and alternative computing paradigms;
 - 4. holistically expand capabilities and capacity of a robust and enduring HPC ecosystem; and
 - 5. establish an enduring public-private collaboration to ensure shared benefit across government, academia, and industry.
- References:
 - <https://www.whitehouse.gov/sites/whitehouse.gov/files/images/NSCI%20Strategic%20Plan.pdf>
 - <http://www.nsf.gov/cise/nsci/>

XAB Expectations

John Towns

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DATA SAMPLE PART 01:

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DATA SAMPLE PART 02:

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DATA SAMPLE PART 03:

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DATA SAMPLE PART 04:

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XAB Expectations

- Purpose: “to help ensure that XSEDE is designed to impact a broad range of disciplines, enable both research and education, have broader impacts to society, and have a user community that is diverse (gender, ethnic background, etc.) and includes representation from all types of colleges and universities”
- XAB meets six times annually
 - In-person meeting in Apr.
 - Five remote meetings (Feb., Jun., Aug., Oct., & Dec.)
- XAB documentation is located on the XSEDE wiki:
<https://confluence.xsede.org/pages/viewpage.action?pageId=1671267>

XAB Expectations (continued)

- **Membership:**
 - 5 scientific leaders from different communities who use XSEDE
 - Chair of the UAC
 - 3 SPF representatives
 - 5 senior members of the broader community
 - Members serve two-year staggered terms
 - XAB Chairperson needed ASAP
- **Attendance:**
 - Members are required to attend at least 4 of the annual meetings
 - In-person meeting in April is strongly encouraged
 - If a member is unable to fulfill his or her responsibilities, they will be asked to step down from the board before their two-year term is complete.

Meeting Closure

Next XAB Meeting: 5-Oct. Remote

Meeting Minutes:

<https://confluence.xsede.org/display/XT/2016-08-17+Meeting+notes>

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