



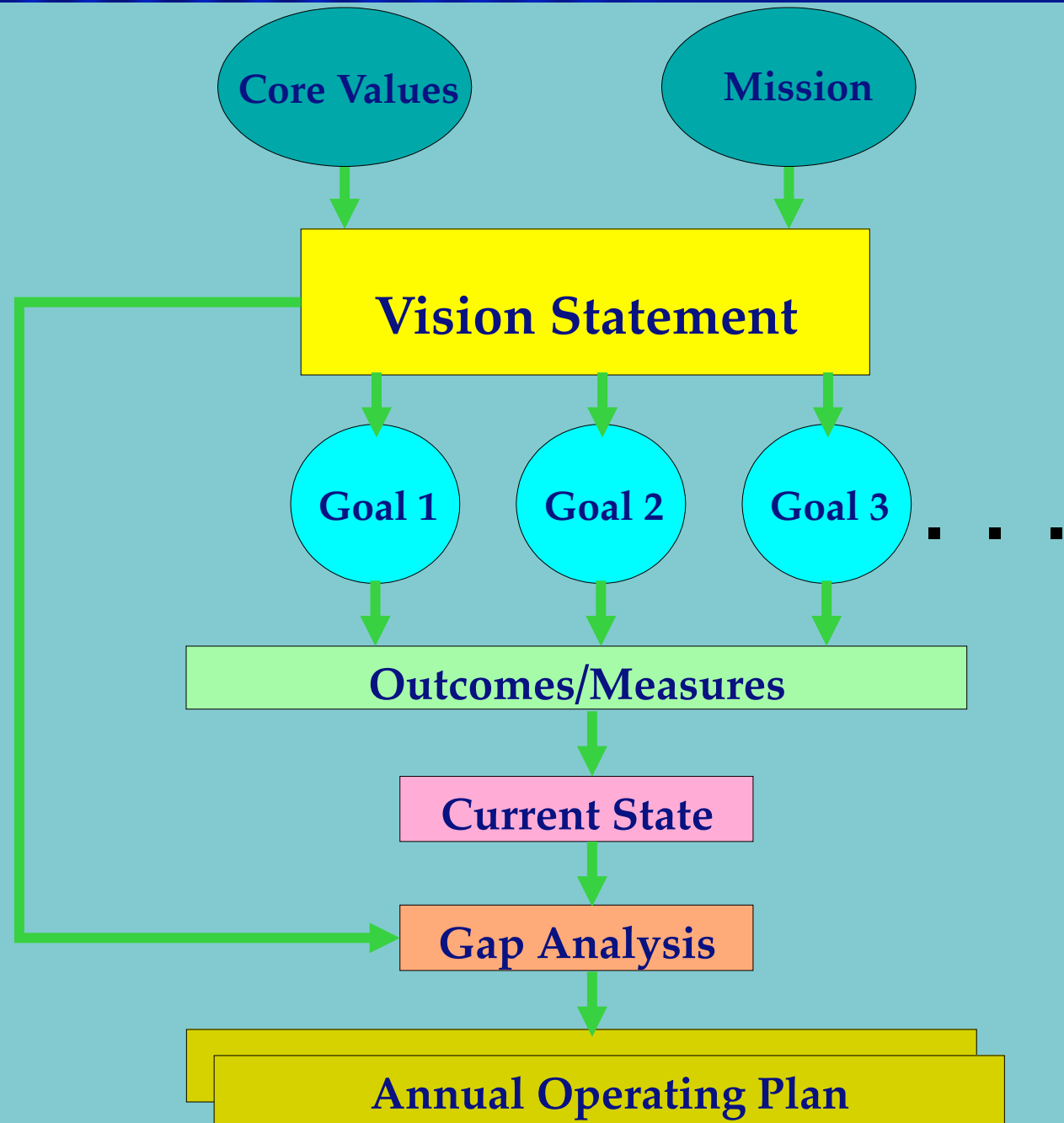
Key Challenges to Maximizing Network Impact

1. How to coordinate distributed, independent Centers?
2. How to incorporate external perspectives?
3. How to institutionalize best practices?

Strategic planning

National Advisory Committee

Strategic
Planning
Process





How have our strategic goals and priorities evolved?

2004

- Coordinate programs to enhance ocean literacy
- Build Network infrastructure
- Create a sustainable funding base

2007

- Increase public understanding
- Integrate science research and education
- Diversify ocean workforce
- Broaden participation
- Improve K-12 ocean science teaching

2010

- Strengthen Network professional capacity
- Propagate best practices
- Partner to extend reach



CENTERS FOR OCEAN SCIENCES EDUCATION EXCELLENCE

Annual Network Planning

The National COSEE Network Strategic Business Plan
Annual Operating Plan 2011

Draft
4/22/2011

| Action/Deliverable | Lead | When | Additional Resources | Status | Notes |
|---|---------------------------------------|-------------------------------------|------------------------------------|-------------|---|
| Objective 2.2: Adopt within the Network | | | | | |
| 30. Implement <u>ongoing</u> internal professional development on the annual topic/theme (e.g., via webinar, miniconference, study group, or self-assessment tools), involving external partners as appropriate | NCC | Jan 2011 - May 2011 | TBD | On schedule | Focus on Diversity. Webinars planned with the Institute for Broadening Participation. |
| 31. Include internal professional development on the annual topic/theme at the May Network meeting | NCC | May 2011 | N/A | On schedule | The Institute for Broadening Participation will be conducting professional development at the May meeting on Diversity. |
| 32. Implementation of program(s) (from #29) on small, medium, and/or large scale as appropriate – teacher professional development | Centers and/or Network | Nov 2011 | Depends on scale of implementation | On schedule | Discussions underway with AMS and several other professional societies re dissemination of relevant COSEE products at conferences. Partnering with AMS to conduct a professional development webinar series on hurricane science. |
| 32. Implementation of program(s) (from #29) on small, medium, and/or large scale as appropriate (see Considerations above) | Centers and/or Network | Jun 2011 - Dec 2011 | Depends on scale of implementation | | Focus on diversity |
| Objective 2.3: Disseminate beyond the Network | | | | | |
| 33. Develop 1-2 strategic partnerships to extend COSEE practices to reach additional ocean scientists (e.g., through professional societies) | CCO/Network/ Centers | Mar 2011 | Depends on scale of implementation | On schedule | Memoranda of understanding have been completed with AMS and ASLO. |
| 34. Identify opportunities within NSF (beyond OCE) and other federal agencies to extend COSEE practices or programs to other disciplines (e.g., in NSF/GEO, geology, atmospheric scientists) | CCO/Network/ Centers | Nov 2011 | Depends on scale of implementation | On schedule | Discussions underway with NSF ITEST program |
| 36. Institutionalize successful programs | Centers | Nov 2011 | N/A | | |
| Objective 2.4: Compile Evidence, Evaluate, and Publish | | | | | |
| 37. Document evidence that multiple COSEE effective practices, innovations, and products are being used broadly within and across COSEE Centers and externally through strategic partnerships | NNE (as it relates to Decadal Review) | May 2011 | N/A | Deferred | Focus on Scientist Engagement. This activity is deferred until Network evaluation work is resumed. |
| 37. Document evidence that multiple COSEE effective practices, innovations, and products are being used broadly within and across COSEE Centers and externally through strategic partnerships | NNE (as it relates to Decadal Review) | Nov 2011 (as part of annual review) | N/A | Deferred | Focus on Diversity. This activity is deferred until Network evaluation work is resumed. |
| 38. Create 1-3 peer-reviewed publications per year on COSEE effective practices, innovations, and products | Centers | Dec 2010 | N/A | Completed | A list of publications from the Centers is included in the Decadal Review report. |
| 38. Create 1-3 peer-reviewed publications per year on COSEE effective practices, innovations, and products | Centers | Nov 2011 (as part of annual review) | N/A | | Focus on Diversity |



Impact of Strategic Planning

- Info sharing → Collaborative projects → Joint goal-setting
- Leadership and accountability
- Strategic partnerships
- Best practices
- Reflection and critical analysis

National Advisory Committee

Expertise

- Research
- Industry
- Education
- PR/Marketing
- Fundraising
- Networks
- Partnerships
- Diversity
- Non-profit management

Engagement

- Working groups
- Strategic planning
- Center adoption
- Self-governance

Impact

- Response to ocean policy
- Strategic planning
- Network architecture & governance
- Reporting & accountability
- National evaluation



Remaining Challenges and Future Potential

- Learning from Decadal Review process
- Incorporating learning research
- Aligning with major ocean research initiatives
- Integrating emerging technologies for learning
- Broadening participation and scale