

DEVELOPMENT OF NSF STRATEGIC PLAN FOR 2018 - 2022

Discussion with Advisory Committees Fall, 2016

SCOPE

- The process of developing the next strategic plan
- Key elements of the current strategic plan
- How to provide input

Background

- **Timeframe**
 - **Draft Plan will go to OMB late-May, 2017**
 - **Final version – published February 2018.**
- **Process and Structure**
 - **Follows guidance provided by OMB**
- **Not a university strategic plan!**
 - **Very high-level**
 - **Identifies broad, long-term objectives and values that help NSF achieve its mission**
- **Looking for feedback on current Strategic Plan (FY 2014 – FY 2018)**
 - **Provides a starting point**

Your Feedback is Encouraged

Within next couple of weeks:

- Look at current plan
- Provide individual comments on **key elements of current plan** through the strategic planning web-site:

<https://www.nsf.gov/od/oia/strategicplan/feedback.jsp>

- At AC's discretion, provide feedback from AC as a whole via email to strategicplan@nsf.gov

Mission (NSF Act of 1950)

- *To promote the progress of science;*
- *to advance the national health, prosperity, & welfare;*
- *to secure the national defense;*
- *and for other purposes.*



Some High-level Questions

- **What are the interests, values and emergent science and policy issues that the Strategic Plan should recognize?**
- **How can NSF help maintain US leadership in an evolving global research and education landscape?**
- **How can the plan best underscore the importance of fundamental research and its broader impacts?**
- **What elements of the Plan, if any, are no longer relevant?**

Key Elements of Strategic Plan

- **Vision**
- **Core Values**
- **Strategic Goals** ~2
- **Strategic Objectives** 2 – 3 per SG
- **Management Objectives**

Vision (current SP)

“A Nation that creates and exploits new concepts in science and engineering and provides global leadership in research and education.”

Core Values (current SP)

Scientific Excellence – engaging the vision and expertise of our staff with that of the scientific community to create a portfolio of awards that support transformation and innovation;

Organizational Excellence – investing the resources entrusted to us optimally and efficiently, and realizing the full potential of our people in managing a capable, motivated, inclusive, and positive work environment;

Learning – continually identifying opportunities for learning and professional growth inside and outside the agency, and sharing our best insights with others;

Inclusiveness – seeking and embracing contributions from all sources, including underrepresented groups, regions, and institutions;

Accountability for Public Benefit – operating with integrity and transparency, and maintaining the highest standards of performance in administration, business processes, management, and oversight, thereby providing the best value to the U. S. taxpayer.

Strategic Goals & Objectives (current SP)

G1: Transform the Frontiers of Science and Engineering

G1/O1: Invest in fundamental research to ensure significant continuing advances across science, engineering, and education [IDEAS]

G1/O2: Integrate education and research to support development of a diverse STEM workforce with cutting-edge capabilities [PEOPLE]

G1/O3: Provide world-class research infrastructure to enable major scientific advances [TOOLS]

G2: Stimulate Innovation and Address Societal Needs through Research and Education

G2/O1: Strengthen the links between fundamental research and societal needs through investments and partnerships

G2/O2: Build the capacity of the Nation to address societal challenges using a suite of formal, informal, and broadly available STEM educational mechanisms

Management Objectives (current SP)

G3: Excel as a Federal Science Agency

G3/O1: Build an increasingly diverse, engaged, and high-performing workforce by fostering excellence in recruitment, training, leadership, and management of human capital.

G3/O2: Use effective methods and innovative solutions to achieve excellence in accomplishing the agency's mission