



Organization: Council of Innovation Policy Advisers

Capsule: Create a Council of Innovation Policy Advisers, on the model of the Council of Economic Advisers, to assess the determinants, condition, and rate of innovation, to assess the effects of government policies on long-term innovation, and to develop policy proposals as part of a comprehensive, long term plan for sustaining and extending American technological leadership in the 21<sup>st</sup> Century.

Rationale: Innovation is a major determinant of long term growth and strategic national advantage. We currently take the economy and national security as cross-cutting concerns that require integrated assessment and planning on short to medium term cycles. Innovation is critical to both, but distinct from each in its scope, time horizon, and range of determinants and measures. Beyond economics, it includes educational, cultural, organizational, and sociological elements.

Currently, aspects of innovation policy reside in different departments. OSTP is the closest analogue, but it is not oriented toward broad assessment of social determinants of an innovative society, as opposed to the state of particular sectors of innovation industries and the core scientific research community. While this is an important part of the picture, it is far from the whole. Work on innovation in particular areas is done by the various departments and agencies, such as DOE or the FCC. The PTO is charged with implementation of one part of one particular innovation strategy, but does not have the capacity or mandate to provide broad innovation analysis. The proposed CTO could play such a role, but to the extent that position is envisioned to focus on government use of technology, as opposed to innovation policy more generally, the CTO will not be able to address the broader set of questions.

Model: The model of the CEA, with a focus on economic, social, and cultural determinants of innovation, a longer-term horizon, and a broader set of methods for analysis and assessment.