



TECHNOLOGY ASSESSMENT

NAREEE Advisory Board
May 23, 2016

Charge

- *The NAREEE Board is charged to review the mechanisms of the Department of Agriculture for technology assessment (which should be conducted by qualified professionals) for the purposes of—*
 - *performance measurement and evaluation of the implementation by the Secretary of the strategic plan;*
 - *implementation of national research policies and priorities;*
 - *the development of mechanisms for the assessment of emerging public and private agricultural research and technology transfer initiatives; and*
 - *consult with industry groups on agricultural research extension, education, and economics and make recommendations to the Secretary based on that consultation.*

What does it mean??

- General Definition:

Technology assessment generally refers to the evaluation of the impacts of adoption of a new practice, technique, or advanced equipment and may describe farm level effects as well as aggregate market outcomes, may be performed ex ante or ex post, and may consider a range of socio-economic and environmental effects.

- *Ex ante*

- *Technology assessment is an attempt to prospectively evaluate how a new technology will affect society.*

- *Ex post*

- *Technology assessment distinguishes the changes that have occurred because of a technology.*

Existing NAREEE work

- *The NAREEE Board is charged to review the mechanisms of the Department of Agriculture for technology assessment (which should be conducted by qualified professionals) for the purposes of—*
 - *performance measurement and evaluation of the implementation by the Secretary of the strategic plan; Review of REE Action Plan; Relevance and Adequacy Review*
 - *implementation of national research policies and priorities; Relevance and Adequacy Review; Establishment of National Priorities; Subcommittee work (Citrus Disease Subcommittee and Specialty Crop Committee)*
 - *the development of mechanisms for the assessment of emerging public and private agricultural research and technology transfer initiatives; Data Management Working Group; Crop Research Balance Report and*
 - *consult with industry groups on agricultural research extension, education, and economics and make recommendations to the Secretary based on that consultation. Subcommittee work (Citrus Disease Subcommittee, Specialty Crop Committee, National Genetic Resources Advisory Council)*



WHAT'S NEXT?