ASTI data and methods

Datasets

- Institutional arrangements
- R&D spending by cost category
- Funding sources
- R&D staff by degree, gender, and age
- R&D focus by commodity and theme
- Output indicators
- Student population

Collection Methods

- Focus on low- and middle-income countries
- Institutional survey rounds (primary data)
- Large network of national, regional, and international partners
- Led by IFPRI

Relevance to SDGs

- ASTI data and analysis contribute to the United Nations' Sustainable Development Goal 2 on achieving food security and improved nutrition.

- Target 2a calls for an increase in investment in rural infrastructure, <u>agricultural research</u> and extension services, technology development, and plant and livestock gene banks in order to enhance agricultural productive capacity of developing countries.

Impact of ASTI to date (2014 review)

- ASTI has provided an effective platform allowing policymakers to track countries' agricultural R&D progress over time.

- ASTI data and analysis have been widely used in influential international reports (e.g. UN, FAO, NEPAD) and policy for a.

- ASTI outputs for Africa are playing an important role in informing the debates surrounding CAADP/S3A

- Uptake of ASTI output at the country level, however, often still falls short.

How to enhance use/impact at national level?

- Enhancing in-country outreach to ensure that key ASTI outputs and findings better inform national policy and decision making processes.

- Exploring ways to build the case for increased ag R&D investment, utilizing traditional ex-ante analysis to illustrate the returns, costs and benefits, potential tradeoffs of these additional investments.

- Teaming up with other organizations for more effective (joint) and specific in-country outreach and policy influence.