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, agricultural research 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.