A World Of Productive Sustainable Agriculture
October 18th
11 AM to 1 PM CDT
Des Moines Marriott Hotel
Or online at globalharvestinitiative.org
Five Key Policy Priorities

R&D and Extension
Technology
Private Sector Involvement
Cultivate Partnerships
Trade
U.S. Private AG R&D Grows Since 1970

Figure 17: Composition of U.S. Private Sector Agricultural Research, 1970 and 2010

Between 1990 and 2014, global private AG R&D spending more than tripled, from $5 billion to more than $15.6 billion annually (in nominal $US; Fuglie, 2016)
Between 2003 and 2014, the annual growth rate of private AG R&D investment was about 7%.

-Fuglie, 2016
Productivity Throughout the Business Cycle
Sustainable Agriculture

- Satisfies human needs
- Enhances environmental quality and the natural resource base
- Sustains the economic viability of agriculture
- Improves the quality of life for everyone in the ag value chain and society as a whole
As much as 28% of total private AG R&D ($4.3 billion in 2014) may be targeted towards farming in developing countries.

But a significant gap still exists for investment in the lowest-income countries.

-Fuglie, 2016
Inter-American Institute for Cooperation on Agriculture (IICA)

CIMMYT and DuPont

Foundation for Food and Agriculture Research (FFAR)

Water Efficient Maize for Africa (WEMA)
Private Sector Open Innovation Platforms and Venture Capital

For Innovators
Quicker grant process
with potential for
future partnership

For Private Sector
Access to new talent
and ideas and a clear
path to identifying
solutions
In the U.S., private venture capital for food and ag innovation rose sharply from $400 million before 2013 to $4.6 billion in 2015 (Fuglie, 2016)
Projected Outlays, 2014 Farm Bill

Figure 18: Projected Outlays, 2014 Farm Bill, 2014–2018

Total Outlays = $489 Billion

- 80% Nutrition
- 6% Conservation
- 8% Crop Insurance
- 5% Commodities
- 1% Other
