Public policy solutions to advance the scaling agenda

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What is the “scaling agenda”?
A global consensus
A wealth of novel science

- Zero tillage
- Zai planting pits
- Perennial grains
- Precision farming
- C4 rice
- Apomixis
- Gene editing
A strong product pipeline

Scientific inquiry and discovery

Technology design and development

Product dissemination
A simple theory of change

**TECHNICAL CHANGE**
Adoption of new technologies and better practices

**ON-FARM PRODUCTIVITY GAINS**
Increased yields, cost reductions, damage abatement

**IMPROVED WELFARE**
Better incomes, livelihoods, nutrition

**GREATER SUSTAINABILITY**
Better use of scarce natural resources
Public policy matters
Policy process matters

2. Policy analysis styles linked to activities
   - Research & Analyze
   - Design & Recommend

3. Underlying values and criteria of policy analysis
   - What is good knowledge?
   - Political effectiveness
   - Workability
   - Pro-activeness
   - Personal goal achievement

4. Conceptual model of policy analysis
   - Mediate
   - Advise Strategically

Source: Mayer et al. (2004)
Policy coordination matters

Source: Scherr, EcoAgriculture Partners (2018)
What works, for whom, and at what cost?