

# Knowledge gaps within CLIMATE-SMART AGRICULTURE



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# Open consultation

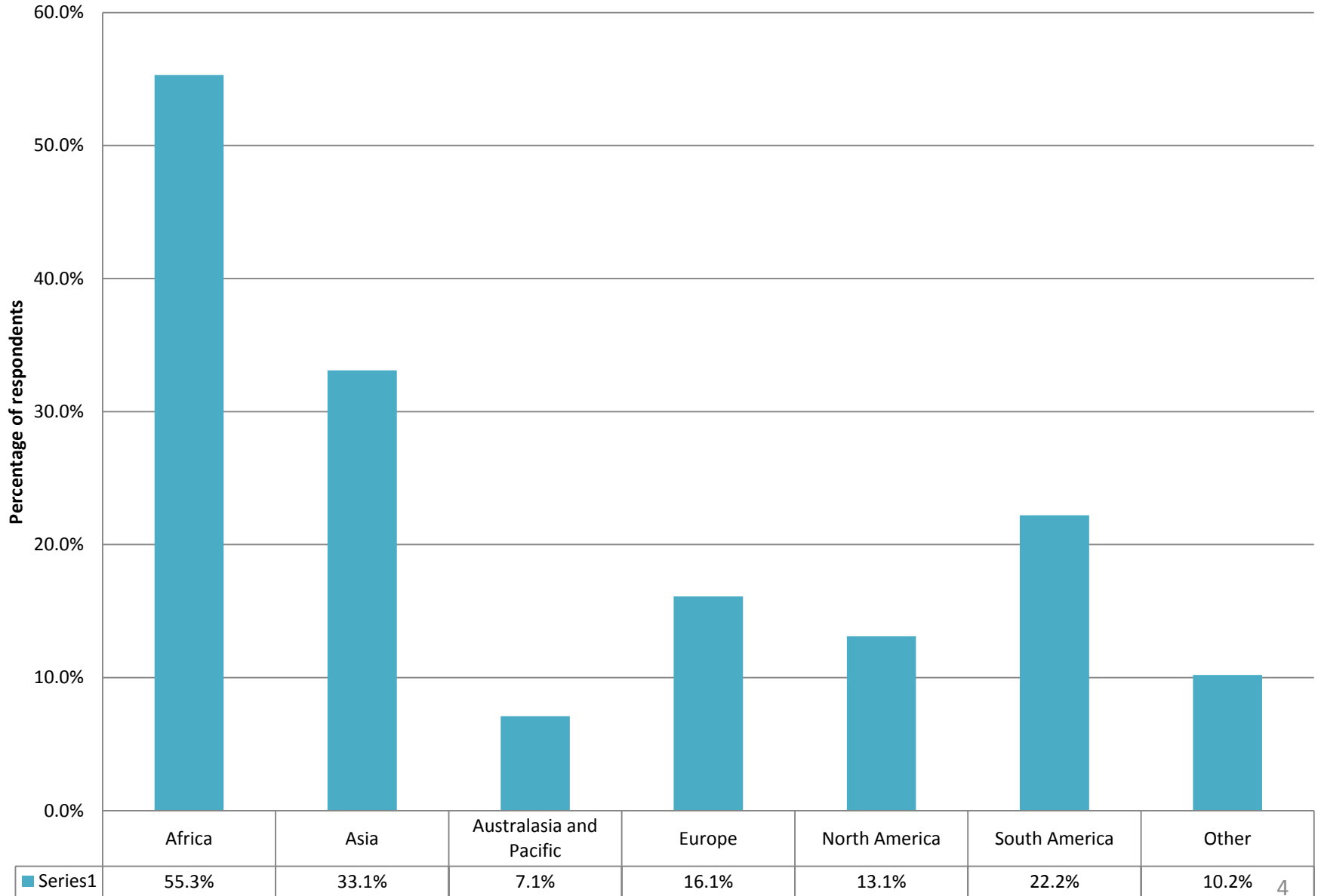
- The Knowledge Action Group of the Global Alliance on Climate-Smart Agriculture (CSA) is co-led by FAO and CGIAR/CCAFS.
- An open consultation to identify the major knowledge priorities and key areas of work was held between 8<sup>th</sup>-29<sup>th</sup> April 2014.
- 491 responses were received.



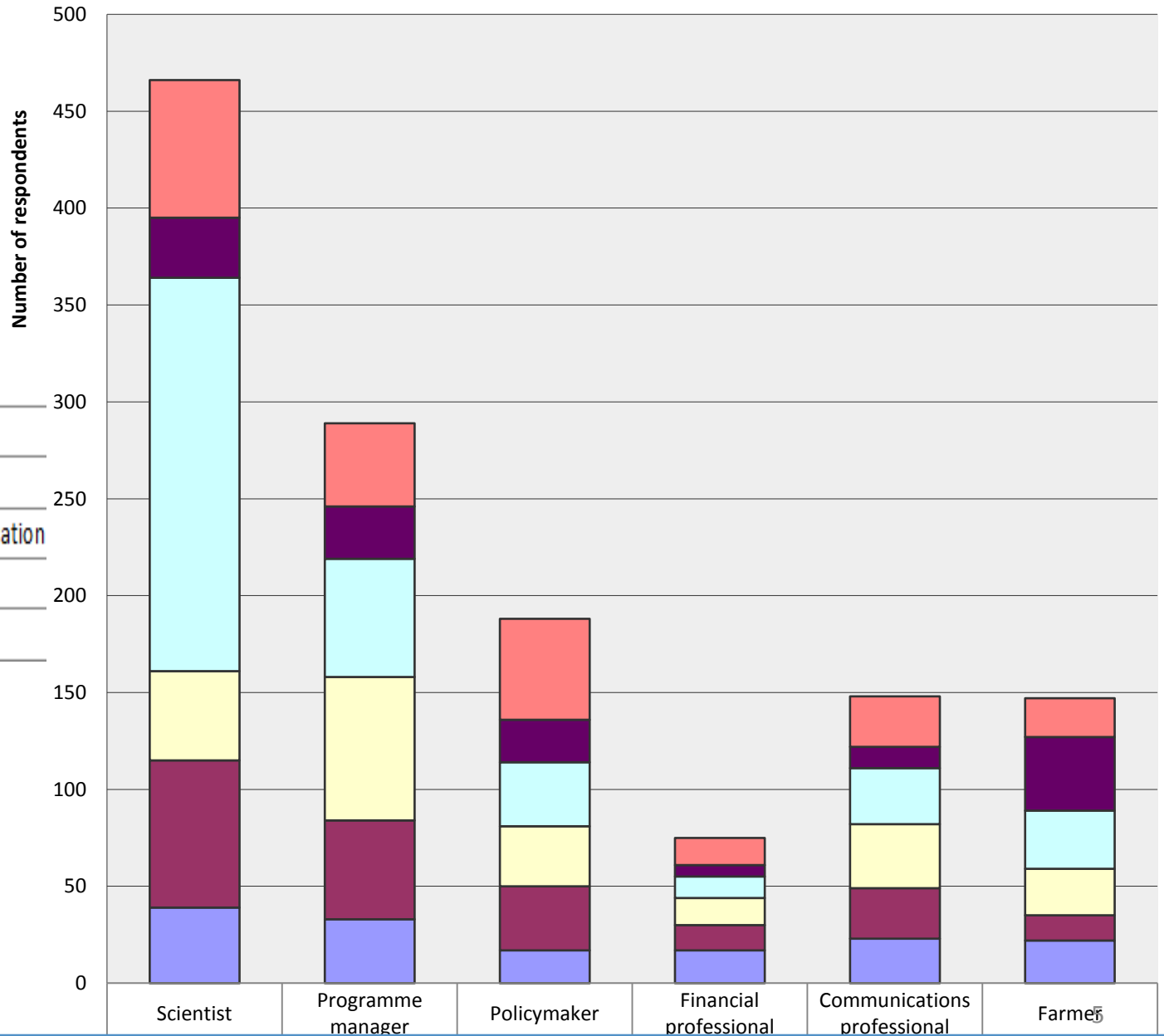
# RESULTS:

## Respondent demographics

# Regions in which respondents work



# Profession by institution worked for





# Overall ranking of overarching knowledge priorities

Respondents prioritized **knowledge priorities** as follows:

1. Technical interventions and practices in CSA
2. Evidence base of CSA **AND**
3. Support, services and extension for CSA (joint 2<sup>nd</sup>)
4. Inclusive knowledge systems for CSA
5. Integrated planning and monitoring for CSA

## Priority 1:

### **Interventions in which guidance is mostly needed**

1. **Sustainable intensification** (*50% of respondents*)
2. **Crop diversification** (46%)
3. **Conservation Agriculture** (45%)
4. **Groundwater management and water use** (39%)
5. **Soil nutrient management** (38%)





## Priority 2: Evidence base of CSA

### **Most valuable information to be included in a CSA case study**

1. Identify barriers to adoption (37%)
2. Include practical implementation guidance (36 %)
3. Include information about mitigation potential, its costs and benefits (30%)
4. Include a cost-benefit analysis (30%)



## **Priority 3: Type of support to practitioners needed most by stakeholder group**

1. Climate information services (189)
2. Decision tools for prioritizing CSA investment options (182)
3. Risk management (172)
4. Early warning systems (168)
5. Low emissions development pathways (167)



## **Priority 4: Key priorities for effective CSA knowledge management systems**

- 1. Strengthen farmers' inclusion and leadership in CSA knowledge systems**
- 2. Raise capacity of extension services to share CSA knowledge**
- 3. Give greatest support to local and indigenous knowledge systems**



## **Priority 5: Most important methodologies to be developed for CSA**

- 1. Develop systems of locally relevant indicators for CSA (37%)**
- 2. Cost-benefit analyses of CSA interventions at all levels (33%)**
- 3. Methodologies to aggregate information from local to regional and national level (32%)**



# General remarks

Stressed the importance of:

- Direct collaboration with farmers and farmer-focused knowledge product development.
- Accurate and reliable measurement and verification protocols for long-term success.
- Capacity building specifically tailored to each stakeholder group.
- Approaching the 5 knowledge priority areas holistically.
- A rights, governance and gender approach to CSA.
- Sharing experiences across country contexts and between different approaches to CSA.
- The need to mobilize dedicated investment.



## NEXT STEPS:

Shaping a common agenda for  
effective CSA knowledge systems

'Deeper' **result correlations** are still being analyzed.

**Priority actions** will be identified based on results received. (Inputs received also already compile an extensive **reference list**.)

**Sub-working groups** to work on **products** for each of the 5 knowledge priority areas.



# Thank you!

For more information, or to join the mailing list of the Knowledge Action Group, please email:  
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