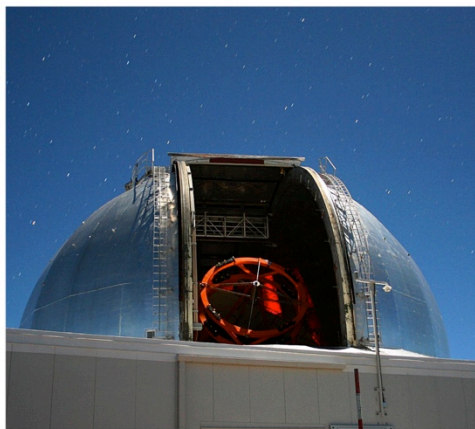
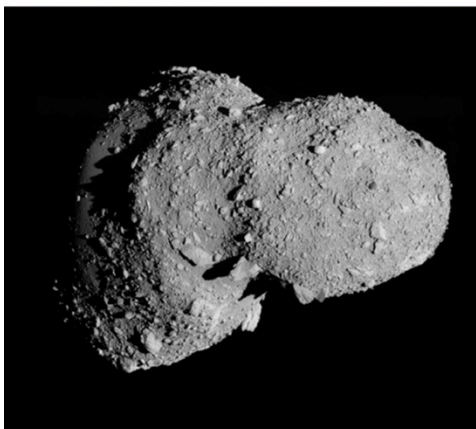




Summary of Asteroid Initiative RFI

Chris Moore, Human Exploration and Operations

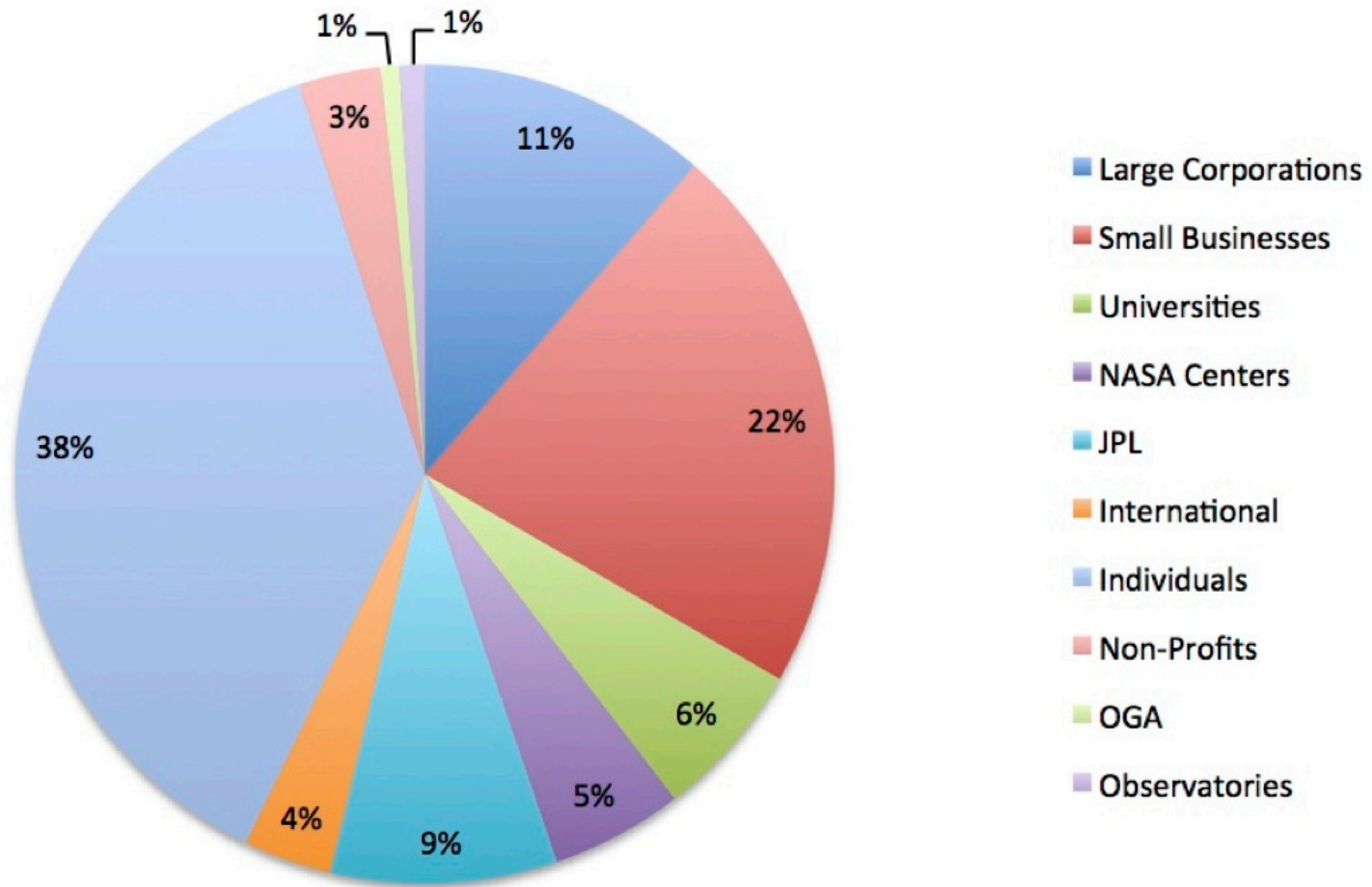


Asteroid Initiative RFI

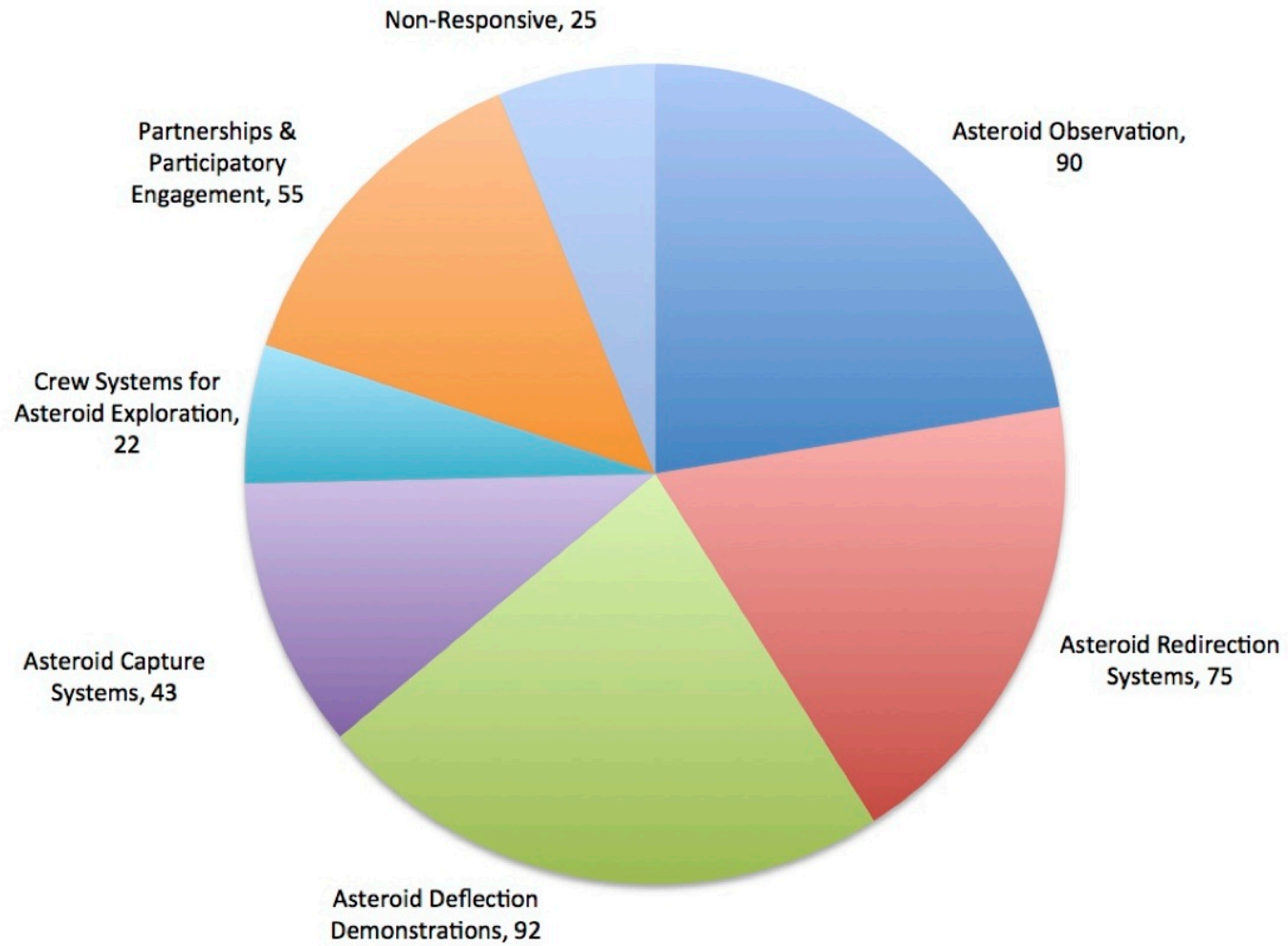


- **Asteroid Initiative RFI was released on June 18 to help NASA refine the Asteroid Redirect Mission concept, formulate plans for flight systems development, and gather ideas for broadening participation in the mission and planetary defense.**
- **Information was requested in six main areas:**
 1. Asteroid Observation
 2. Asteroid Redirection Systems
 3. Asteroid Deflection Demonstrations
 4. Asteroid Capture Systems
 5. Crew Systems for Asteroid Exploration
 6. Partnerships & Participatory Engagement
- **RFI was open to individuals and all types of organizations.**
- **RFI closed on July 18. Received 402 responses.**

Responses by Type of Organization



Responses by Area



International Responses from 16 Countries



Country	Responses
UK	8
Australia	5
Italy	4
South Africa	3
Canada	3
Israel	1
New Zealand	1
Ukraine	1
Chile	1
Finland	1
Netherlands	1
Sweden	1
Poland	1
Germany	1
Uganda	1
Brazil	1
TOTAL	34

Evaluation Criteria



The RFI responses are being evaluated by a team of NASA reviewers according to the following criteria:

- **Factor 1: Relevance to RFI objectives.** Does the response demonstrate a clear understanding of the objectives outlined in the RFI? Does it address one of the six main areas?
- **Factor 2: Impact.** Does the idea have the potential to make a major impact in ensuring mission success, accelerating asteroid observations, improving system performance, reducing risk, etc? Is the idea innovative? Is the idea feasible?
- **Factor 3: Maturity.** Is the concept or technology sufficiently mature that it can be incorporated into mission plans? Does the response outline a development approach?
- **Factor 4: Affordability.** Does the concept or technology have the potential to significantly improve mission affordability?

Summary



- **The RFI gathered a rich set of ideas by respondents from all over the world.**
- **Approximately 40% of responses were from the general public. The Asteroid Initiative has triggered high public interest.**
- **96 ideas were selected for discussion at this workshop to help NASA formulate plans for the Asteroid Initiative.**
- **Abstracts of the invited presentations are posted online at:**

www.nasa.gov/asteroidinitiative