

Proposal Process

My Perspective from Planetary Discovery and New Frontiers mission Proposals

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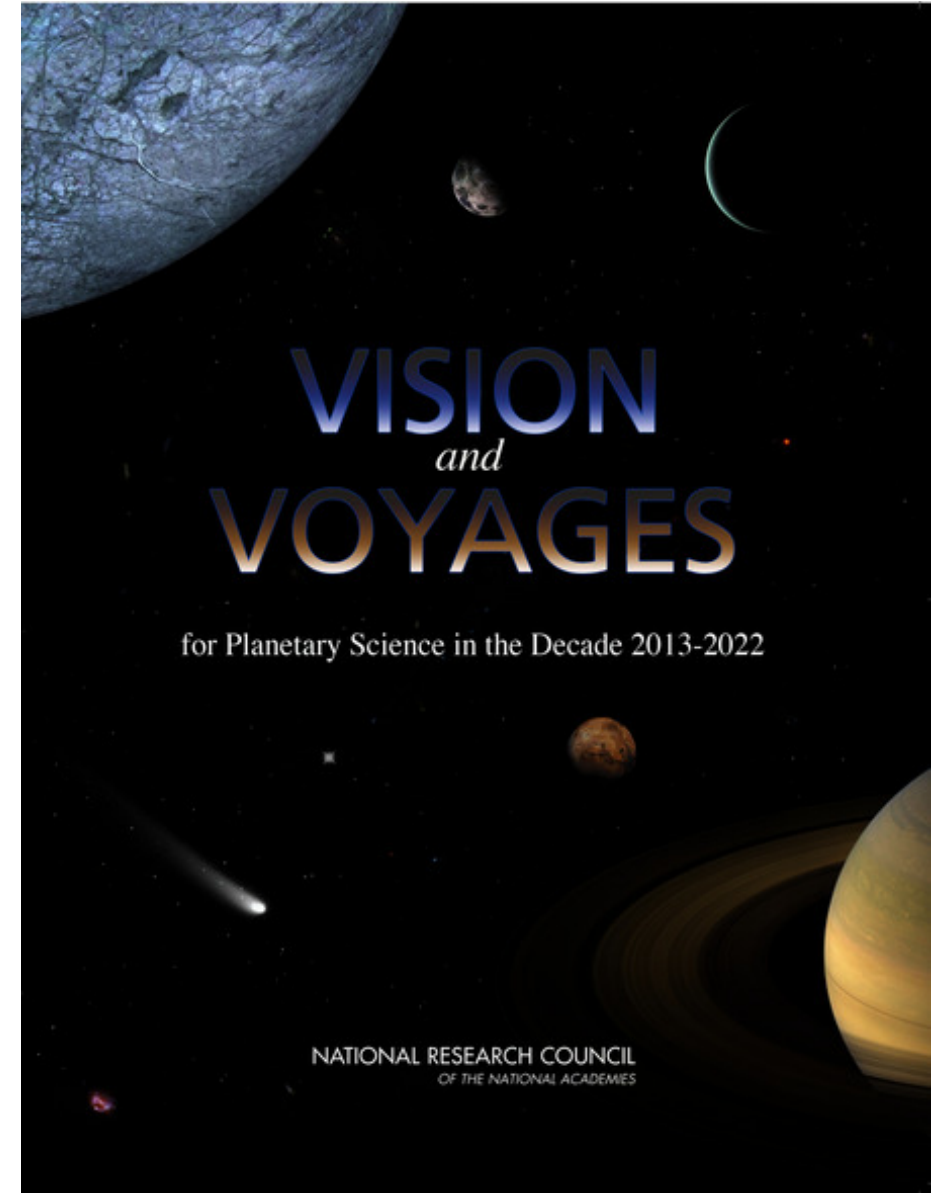


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Ideation and Team formation

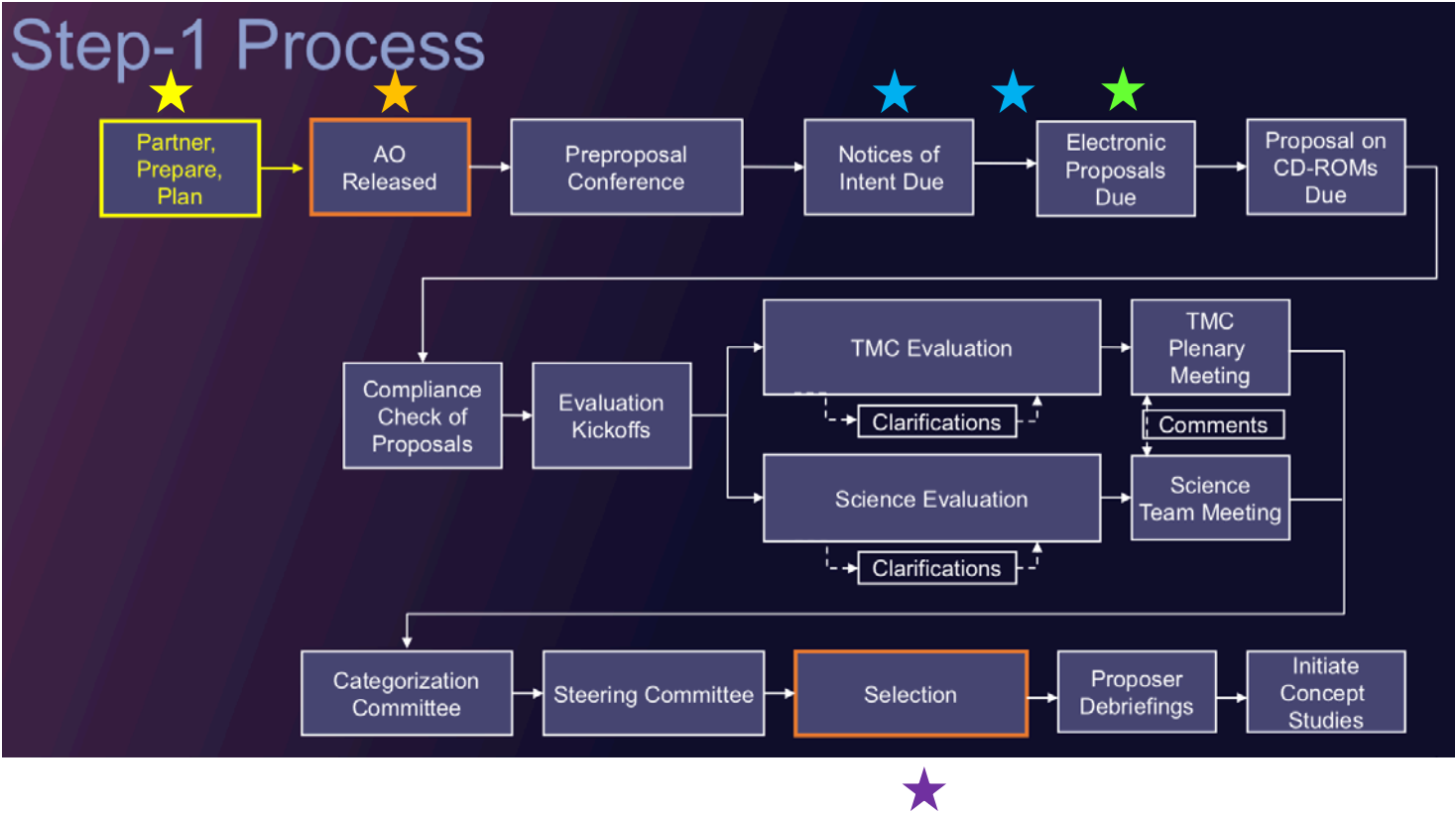
- Identify an Science Goal and an Opportunity (SIMPLEX, Discovery, New Frontiers)
- Science has to be compelling and grounded in the Decadal Survey
- Form Partnerships
 - Partners may build the spacecraft, provide instruments, mission management, systems engineering or mission operations.
- How are the partnerships established?
 - Sometimes introductions from other mission Pls.
 - Sometimes reaching out to the people who do new business development for the institution you want to reach.
- When does this happen? Before the DRAFT AO comes out.



Sample timeline: Lucy 2015

From Zurbuchen "Writing Successful Proposals"

Event		Date
Starting to Form Team	★	March 2014
Draft AO released	★	July 2014
AO released	★	Nov 2014
Red Team Review	★	Dec 2014
Gold Team Review	★	Jan 2015
Proposal Due	★	Feb 2015
Potential Major Weakness Questions		June 2015
Selected for Phase A	★	Sept 2015



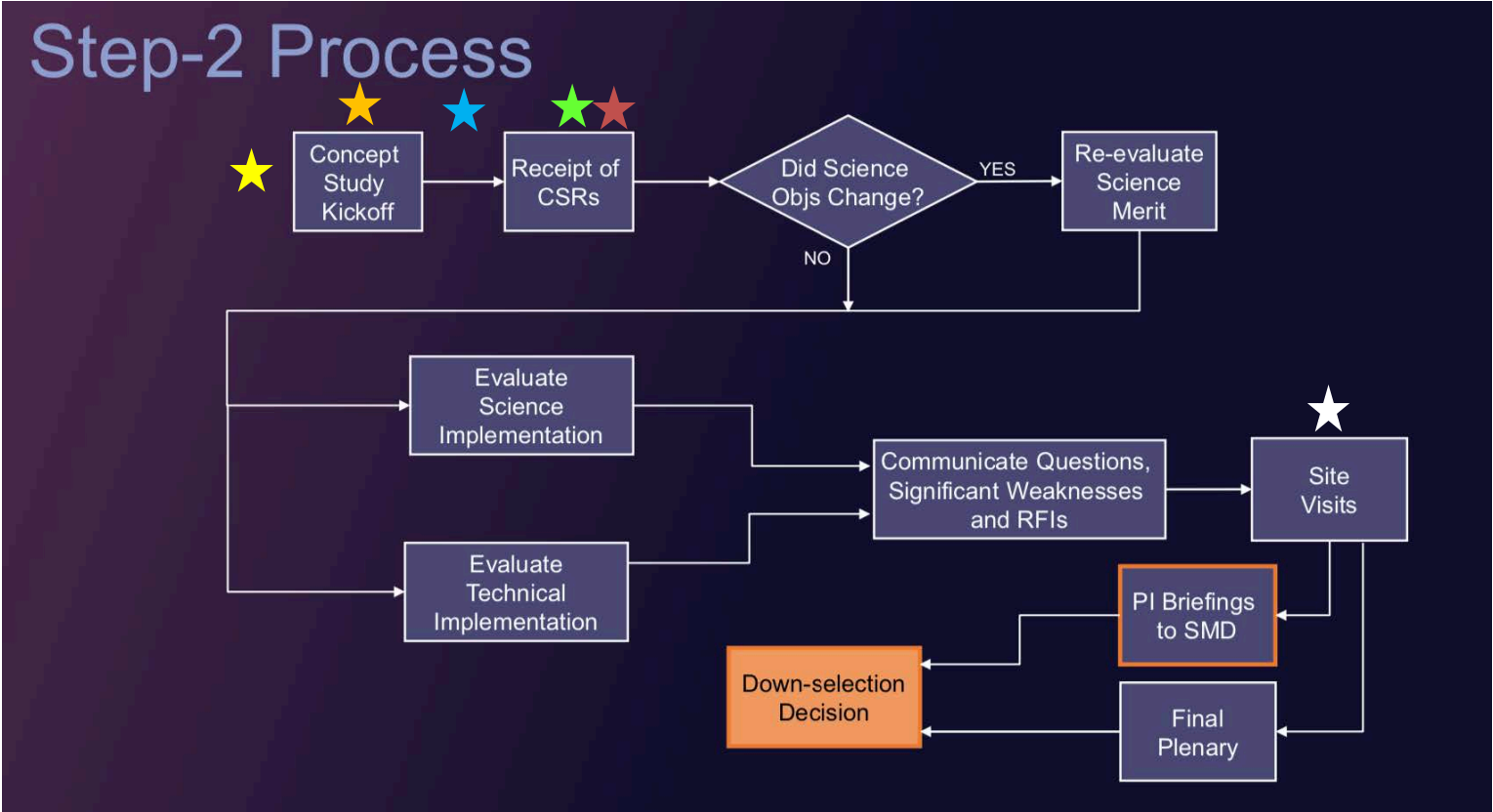
Gate Reviews

- Many institutions have gate reviews to determine if the proposal will continue on.
 - The team will have to support gate reviews at institutional partners
- SwRI doesn't have formal gate reviews
 - The process is more organic
- SwRI has a strong internal review process
 - Purpose is to give feedback to improve the proposal
- The process takes initiative but if you don't have the initiative to lead the proposal you won't be successful as a PI.
- The process is open to all. SwRI welcomes opportunities to work with outside PIs.



Sample timeline: Lucy 2015

Event		Date
Started CSR Work	★	Sept 2015
CSR Kickoff	★	Nov 2015
Red Team Review	★	Apr 2016
Gold Team Review	★	June 2016
Platinum Team Review	★	July 2016
CSR Submitted	★	Aug 2016
Site Visit Planning	★	Sept 2016
Site Visit	★	Nov 2016





Thank You!