

Evaluation Planning, Logic Models, and Program Design

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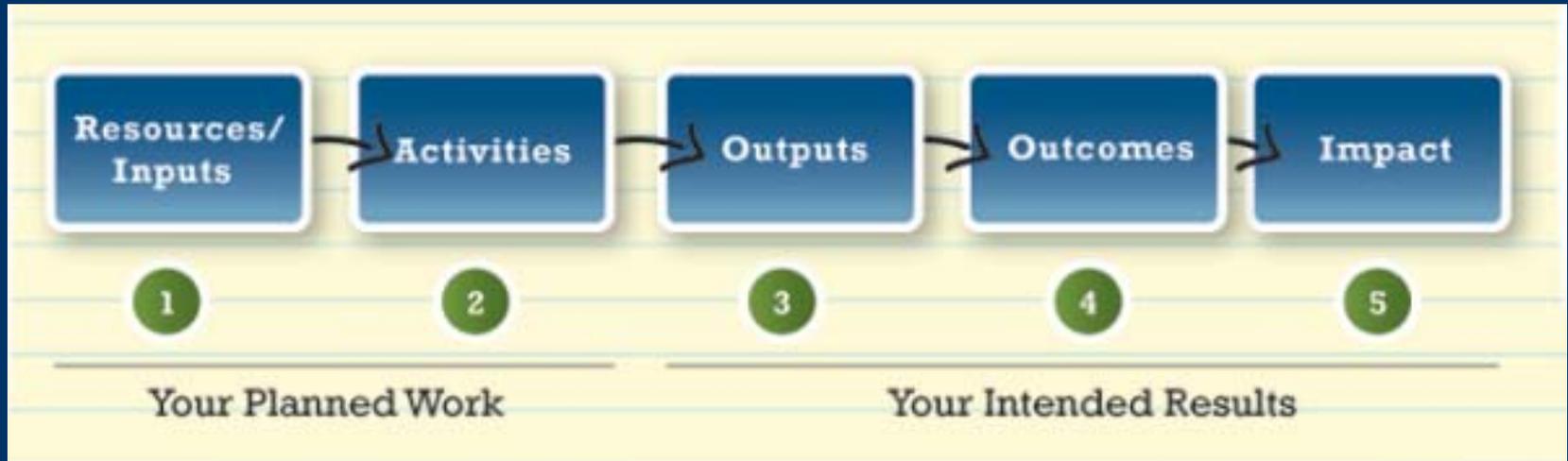
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Can You Answer All of These Questions?

- Do you have a logic model?
- What is your evaluation question?
- What is your context?
- Have you made logical connections?
- What else might change your plans?
- How are you tracking progress?
- Have you thought about data?
- How will you tell your story?



1. Do You Have a Logic Model?

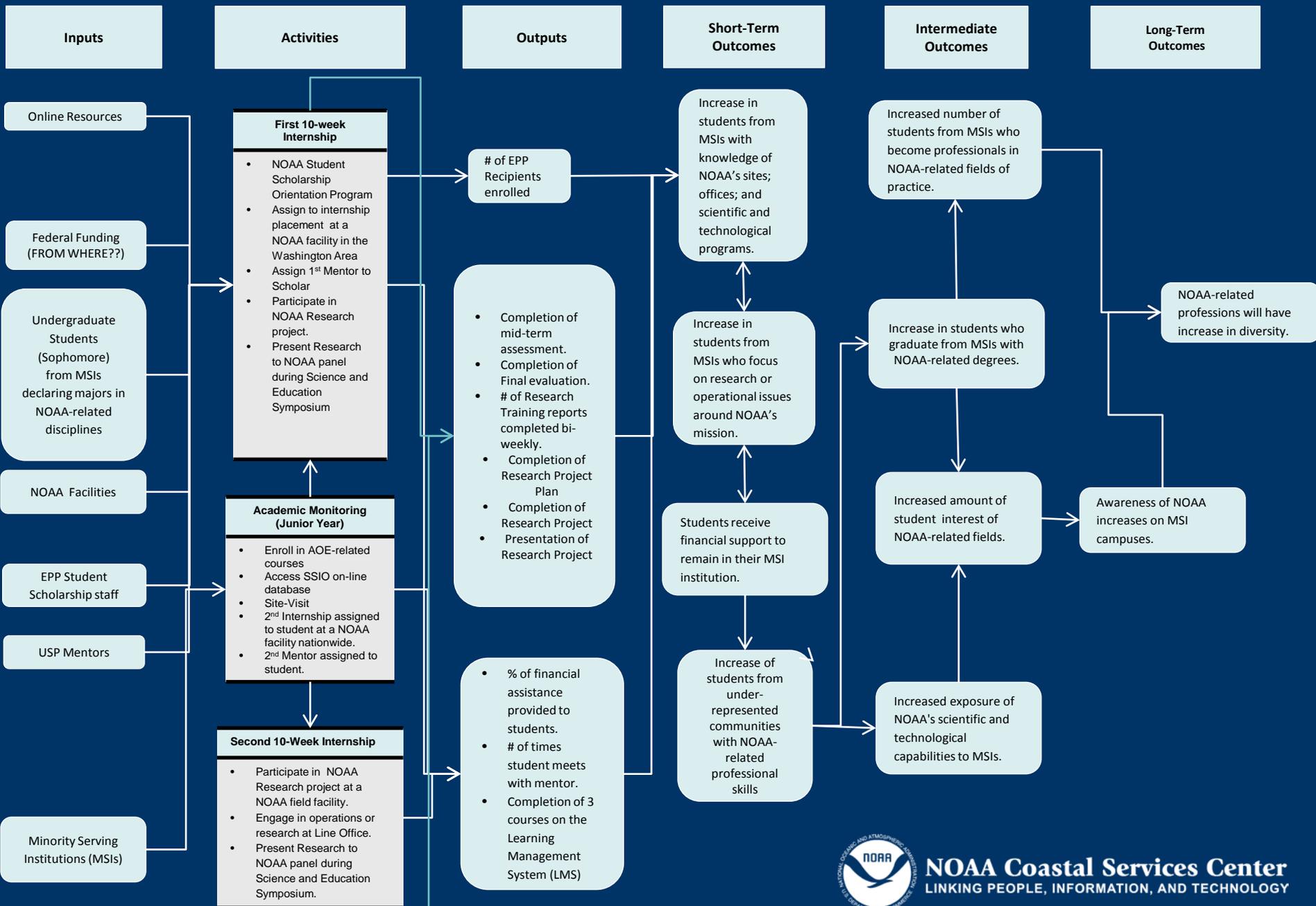


Does it include

- Your intended results?
- Your planned work?



Logic Model for Education Partnership Program Undergraduate Scholarship Program



2. What is Your Evaluation Question?



Have you

- Identified the requestor?
- Identified what the requestor needs to know?
- Prioritized evaluation questions?



Narrowing the Focus

Does the evaluation question provide information that

- ✓ Contributes to the goals of the program or project and its stakeholders?
- ✓ Is useful and not currently available?
- ✓ Is important to a major group or several stakeholders?
- ✓ Would be of continuing interest?
- ✓ Can be translated into measurable terms?
- ✓ Can be obtained, given financial and human resources?



What Does the Requestor Need to Know?

I need to know the extent to which the Education Partnership Program Undergraduate Scholarship has increased the number of students from Minority Serving Institutions (MSIs) who have become professionals in NOAA-related fields of practice by August 2014

because I need to decide if the goals are aligned with best practices to make a decision about program redesign.



3. What is Your Context?

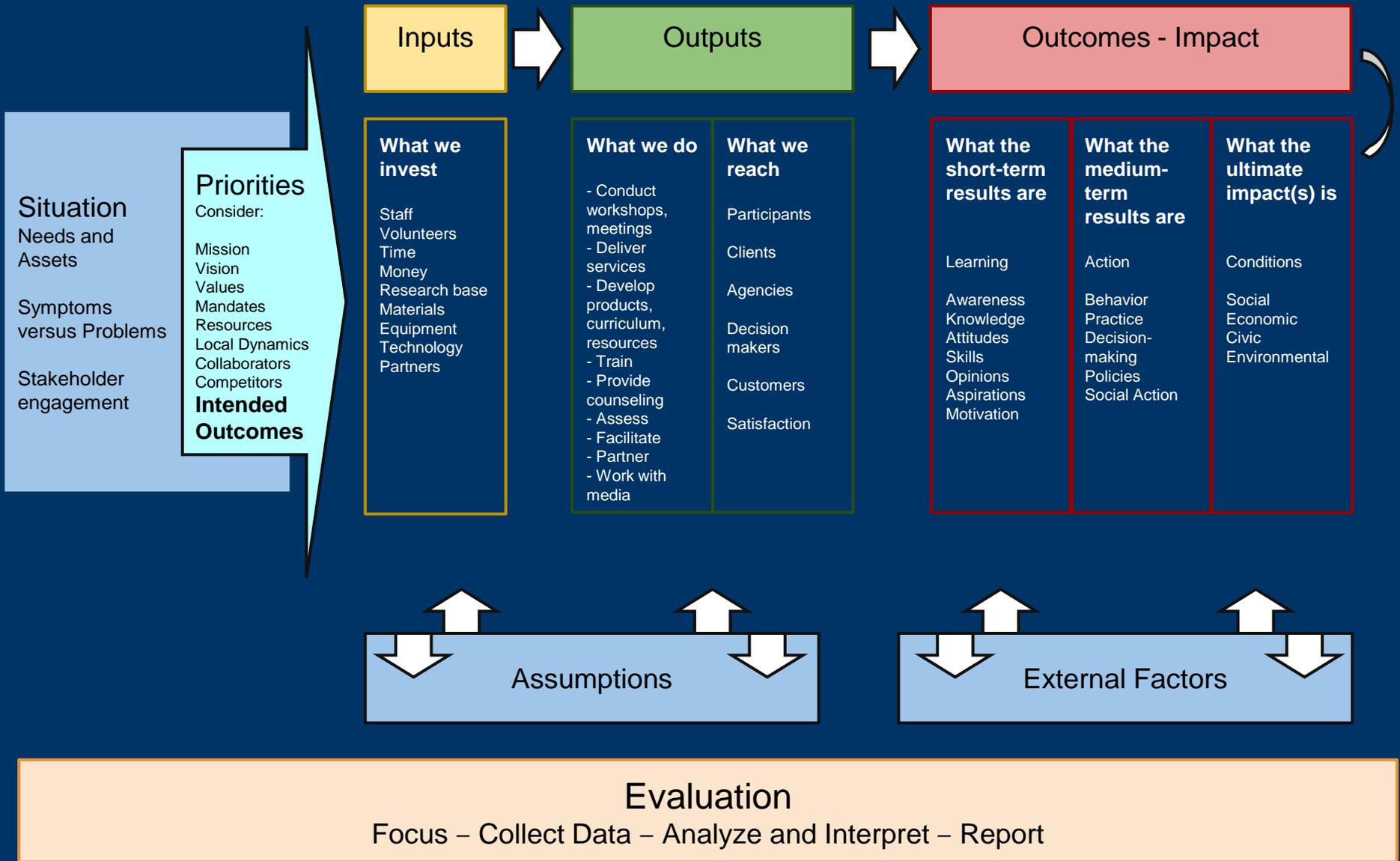


Have you adequately described

- Existing conditions?
- Drivers?
- Activity specifics?
- Target population?
- Assumptions?



Defining the Context



4. Have You Made Logical Connections?

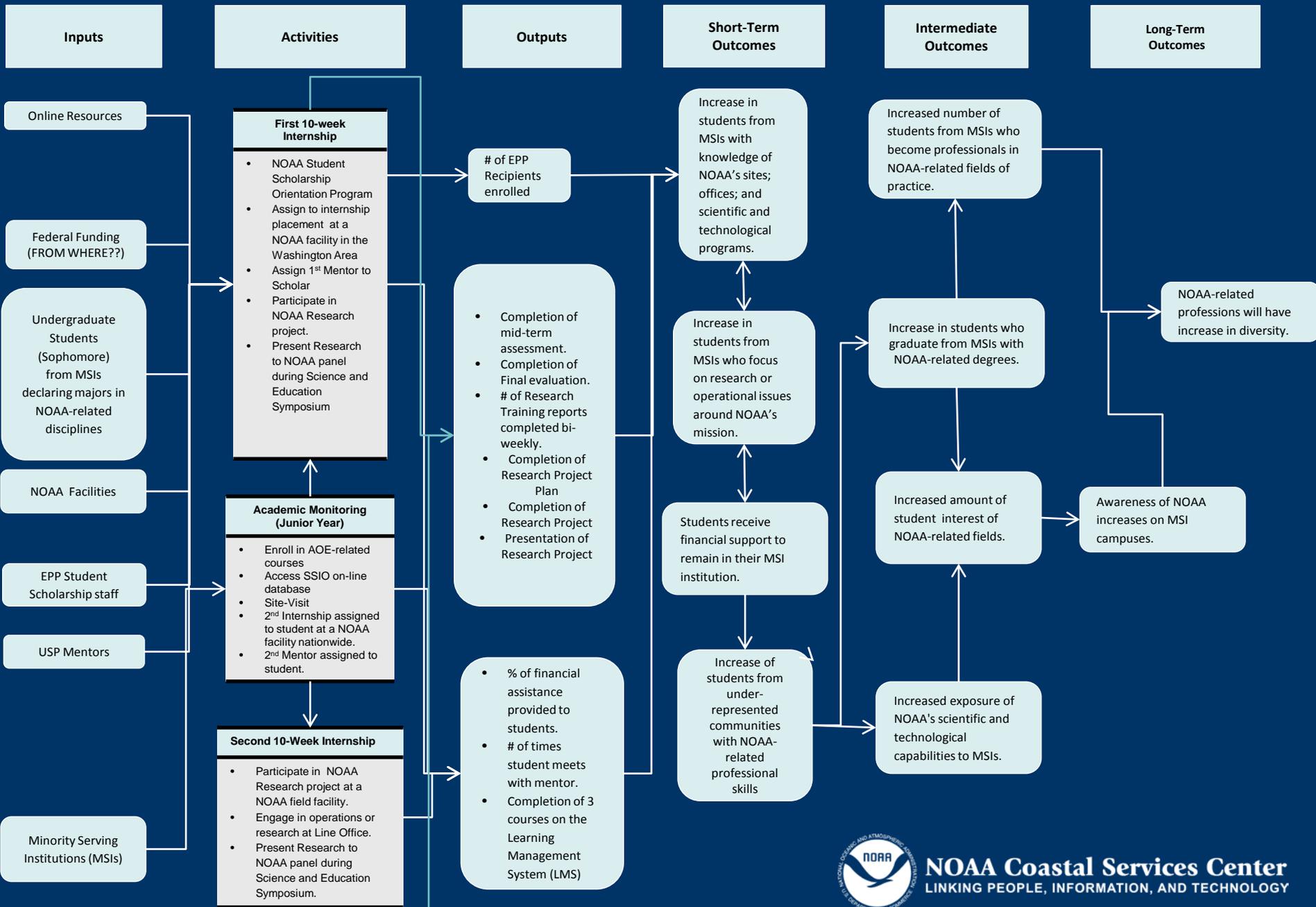


Have you

- Identified the plan components that link to the evaluation question?
- Made credible, well-founded assumptions?
- Developed complete and realistic timelines?



Logic Model for Education Partnership Program Undergraduate Scholarship Program



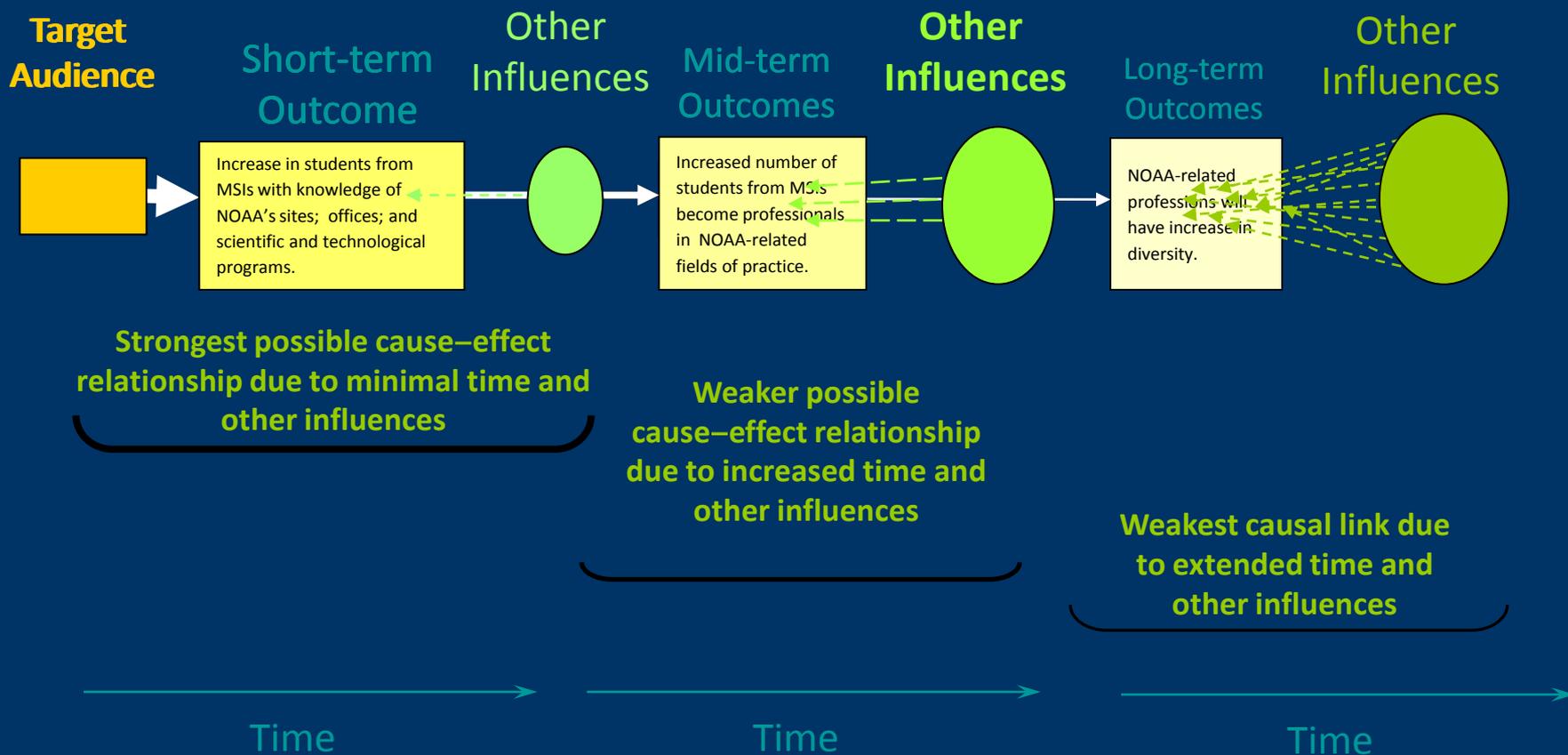
5. What Else Might Change Your Plans?



Have you sufficiently accounted for internal and external influences that may affect your project or program?



Effect of Other Influences



6. How Are You Tracking Progress?



Are your performance measures

- Supportive of the evaluation question(s)?
- Linked to clearly defined sources?



Evaluation Question:

To what extent has the Education Partnership Program Undergraduate Scholarship (EPPUS) increased the number of students from MSIs who have become professionals in NOAA-related fields of practice?

Logic Model Link

(Intermediate Outcome)

Increased number of students who graduate from MSIs with NOAA-related degrees.

Performance Measures

% of EPPUS scholars from MSIs who receive undergraduate academic awards (degrees and certificates) in NOAA-related fields of practice

% of EPPUS scholars from MSIs who complete the program

% of EPPUS scholars from MSIs who report increased interest in working in NOAA-related fields.



7. Have You Thought about Data?



Have you

- Considered pre-data collection logistics?
- Selected appropriate data collection methods and instruments?



Data Collection Issues

- Are data collection partners (internal and external) willing and able to collect data? Is the outcome already being measured by program(s)?
- Can data be collected and updated at regular intervals, such that reporting deadlines are met and the performance information is current enough to inform decision-making?
- Can data be collected in a cost-effective manner (new systems, paper administration, program implementation or changes, time or burden on staff)?
- Can data about the outcome be measured consistently each time and across programs?



8. How Will You Tell Your Story?



Have you determined

- Requestor needs?
- Report format?
- Report outline?



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What Evaluation Can Do For You!

- ✓ Assist with Government Performance Results Act (GPRA) Modernization Act requirements
- ✓ Provide justification for funding decisions
- ✓ Provide input for program planning
- ✓ Identify program strengths and opportunities to enhance program effectiveness
- ✓ Improve organizational efficiencies
- ✓ Produce data for public use



Thank you!

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