

Mod. 2: Program Matrix



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Design and Monitoring Framework

Also known as:

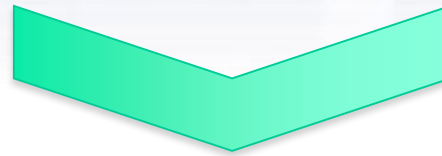
- Logical Framework
- Logic Model
- Program Matrix

- ❑ a tool used most often by managers and evaluators of programs to evaluate the effectiveness of a program.

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Advantages of the DMF

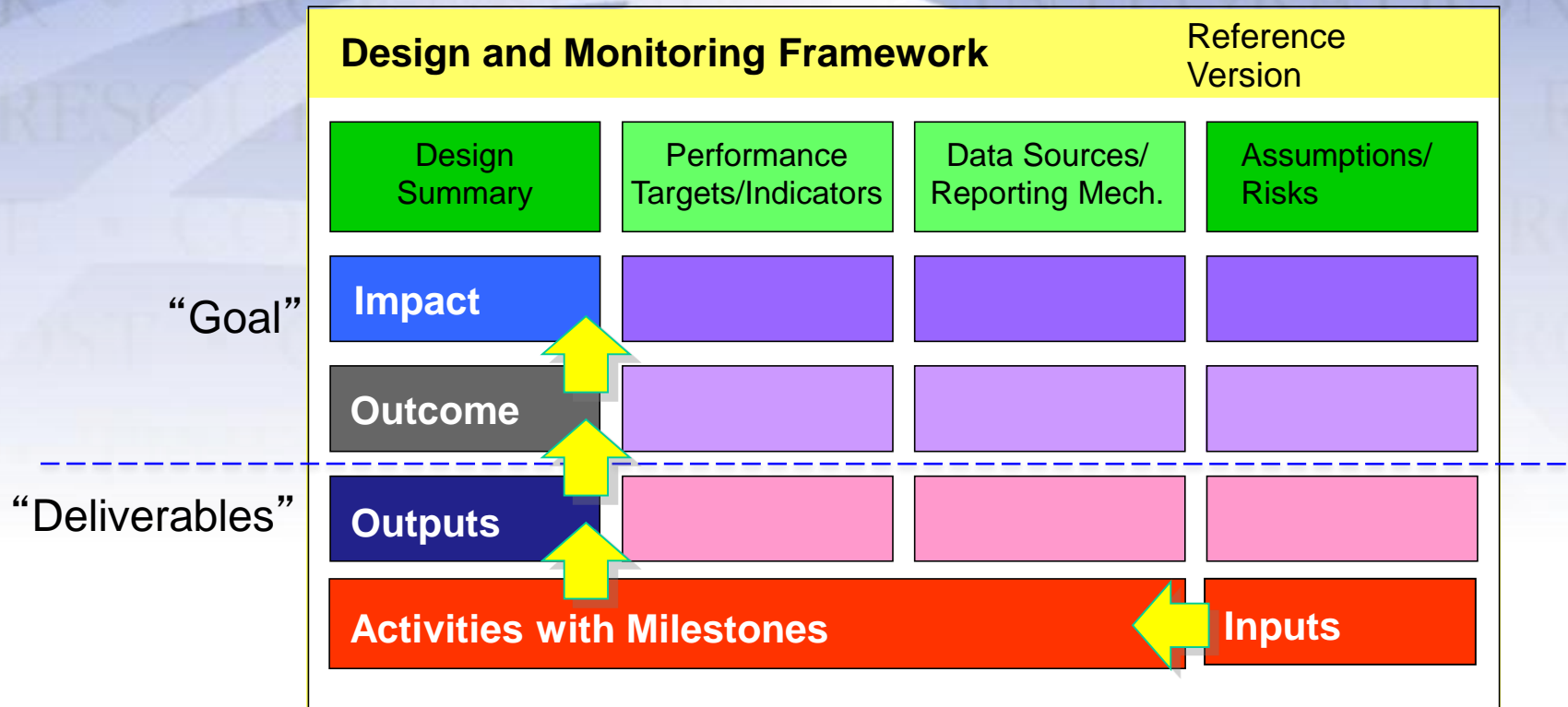
- ❑ Problems are analysed systematically
- ❑ The objectives are clearly formulated, logical and measurable
- ❑ The risks and conditions for success of a project are taken into account
- ❑ There is an objective basis for monitoring and evaluation



Your project proposal will be
coherent

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Design and Monitoring Framework



Results Chain

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Impact

- Refers to the sectoral, subsectoral, or in some cases national objectives
- Also called Goal or long-term objective
- Impact is wide in scope
- Impact will be felt medium to long-term after project completion
- Impact is influenced by many factors other than the project itself

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Design Summary

Impact

The long-term effect of the program



e.g. better employment opportunity for the people

Outcome

Outputs

Activities

Inputs

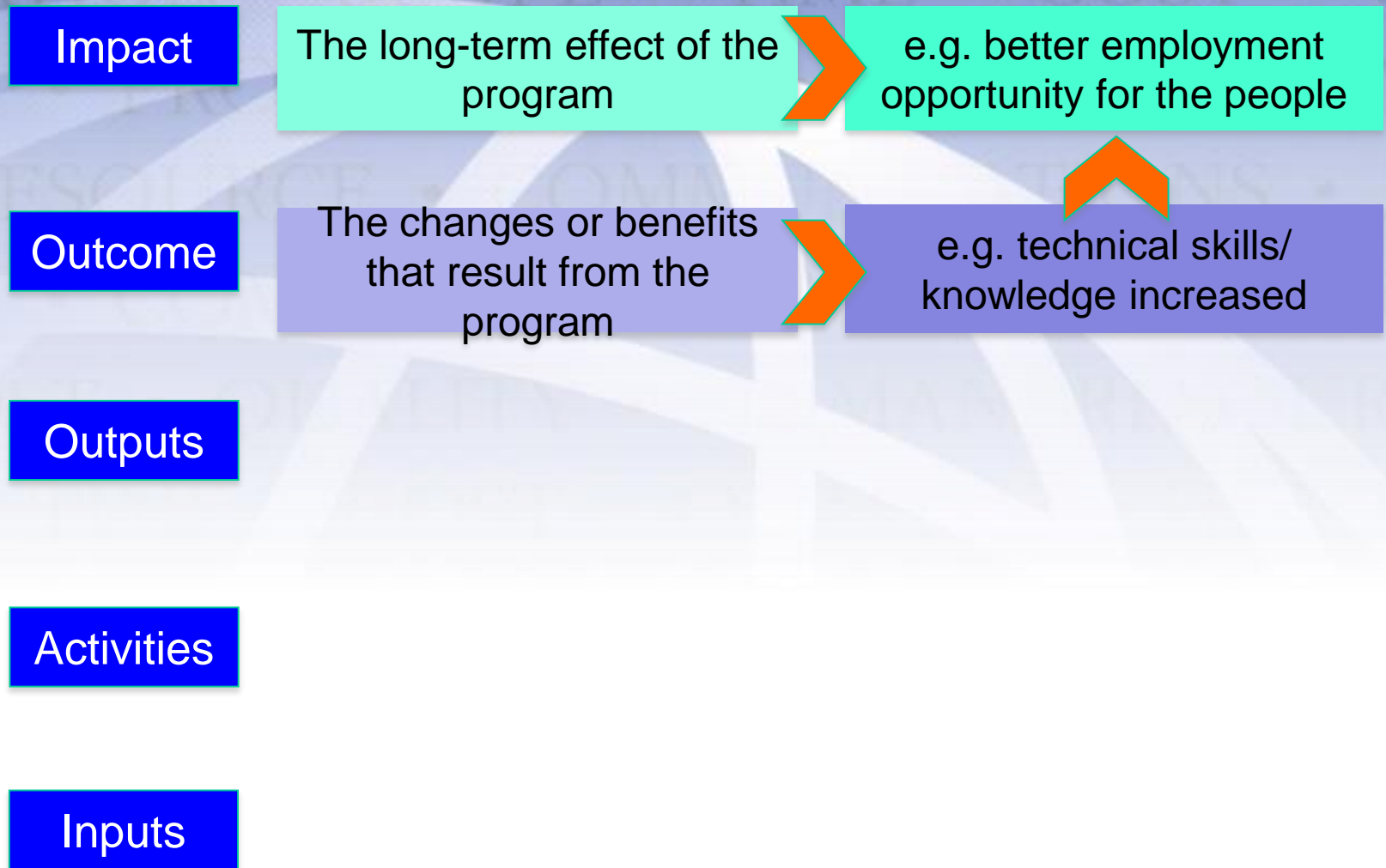
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Project Outcome

- Describes what the project intends to accomplish
- Limited to one succinct statement to ensure clarity and focus
- Expressed in “change” language instead of “action” language to reflect accomplishment
- Phrased as an improvement over a baseline situation
- Reasonably achievable
- Necessary but not sufficient to achieve the impact

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Design Summary



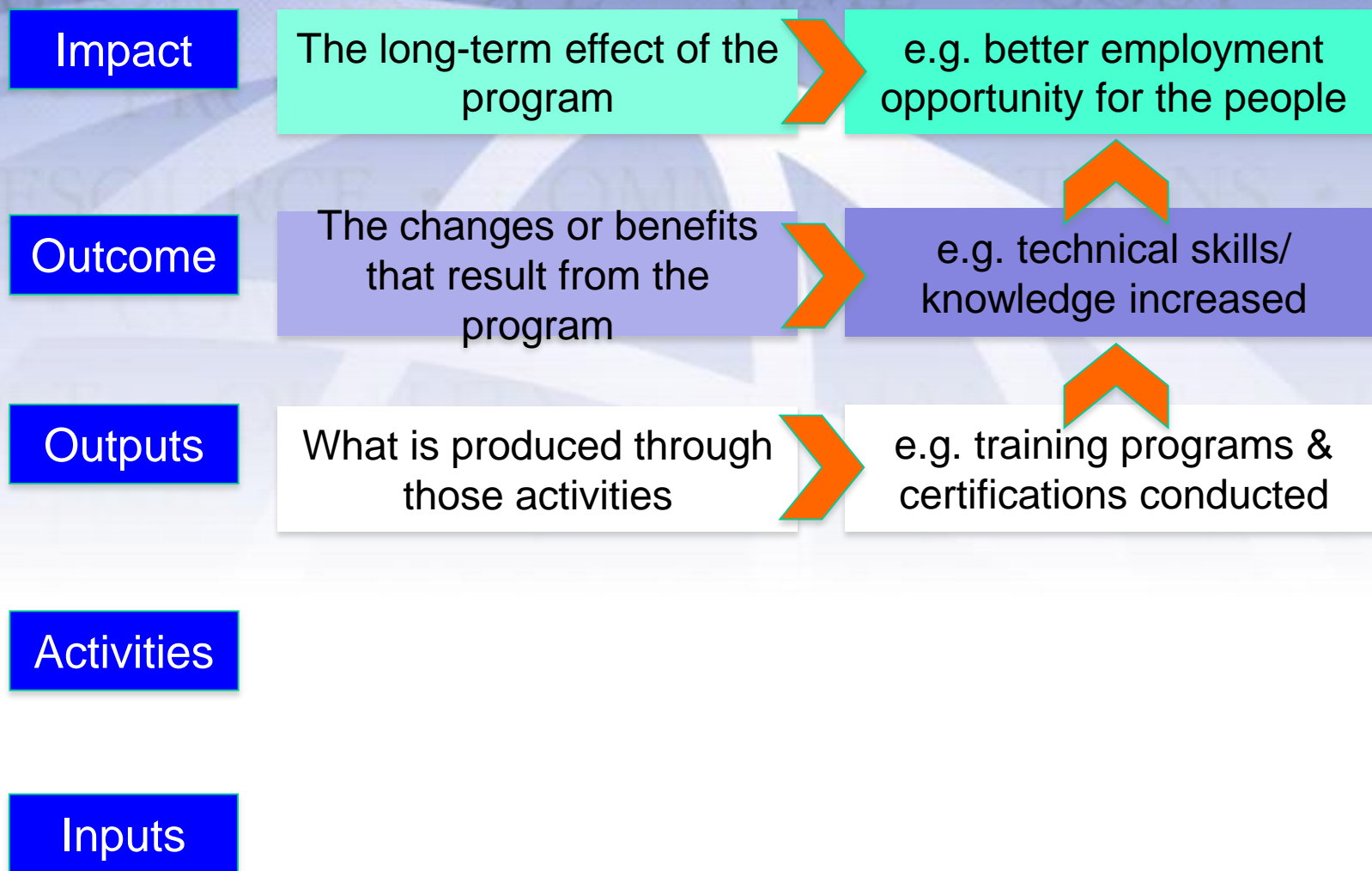
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Outputs

- The physical and/or tangible goods and/or services delivered by the project
- Necessary to achieve the outcome

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Design Summary



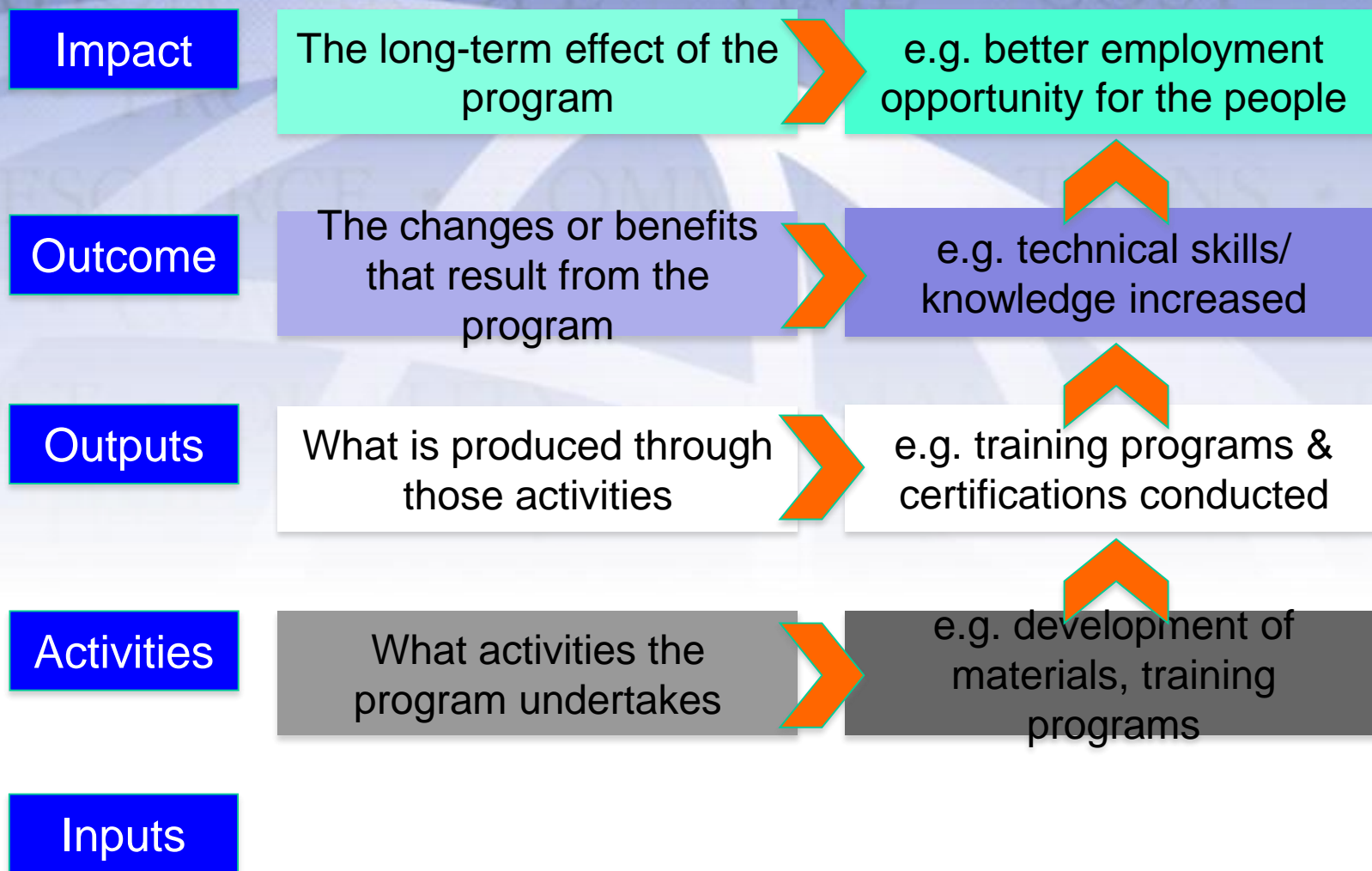
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Activities

- Specific tasks to be accomplished in a project
- Defined in the WBS
- Measurable
- Time-bound

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Design Summary



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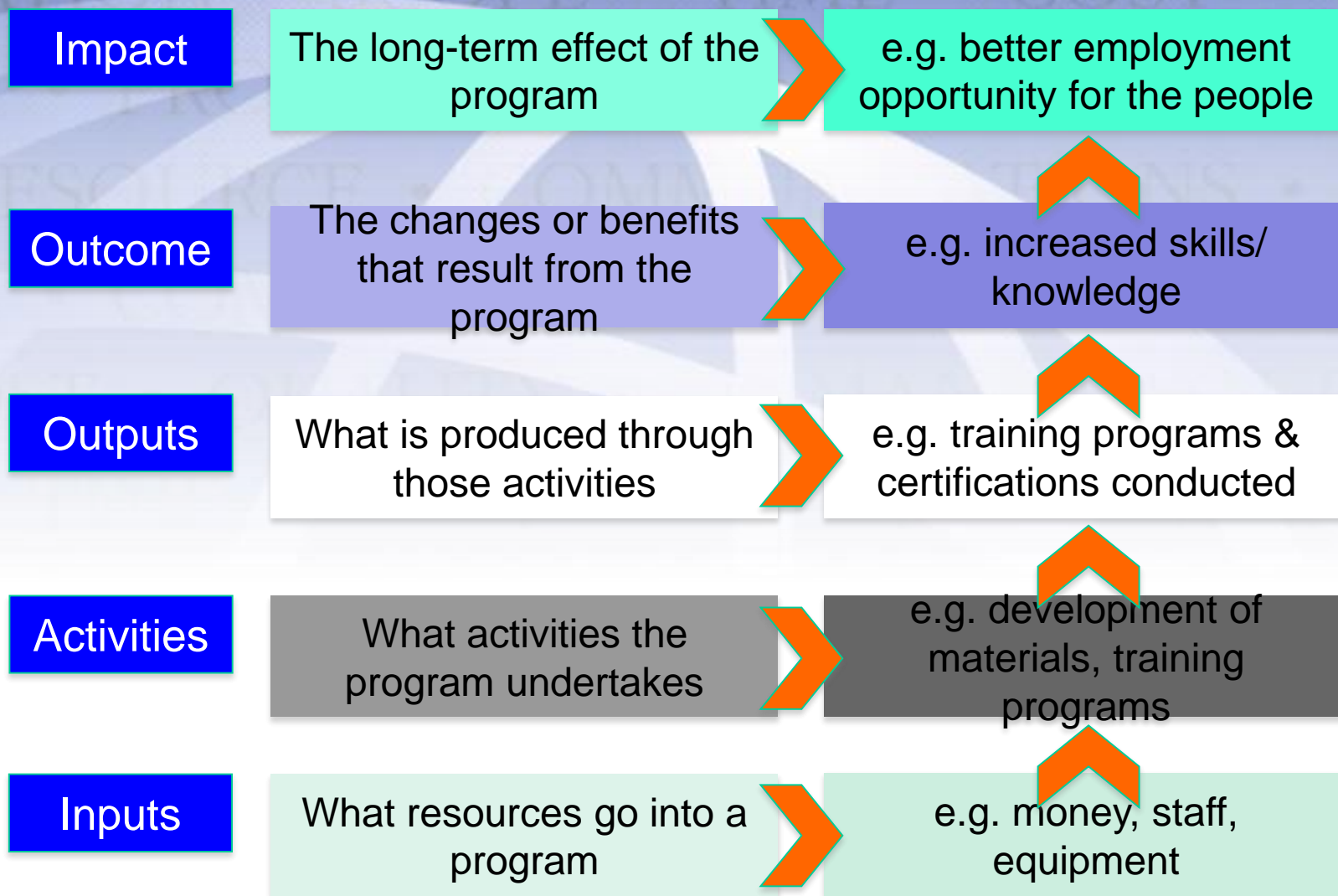
Inputs

Main resources required to undertake the activities

- Consulting Services
- Personnel
- Civil Works
- Equipment
- Materials
- Operational Funds

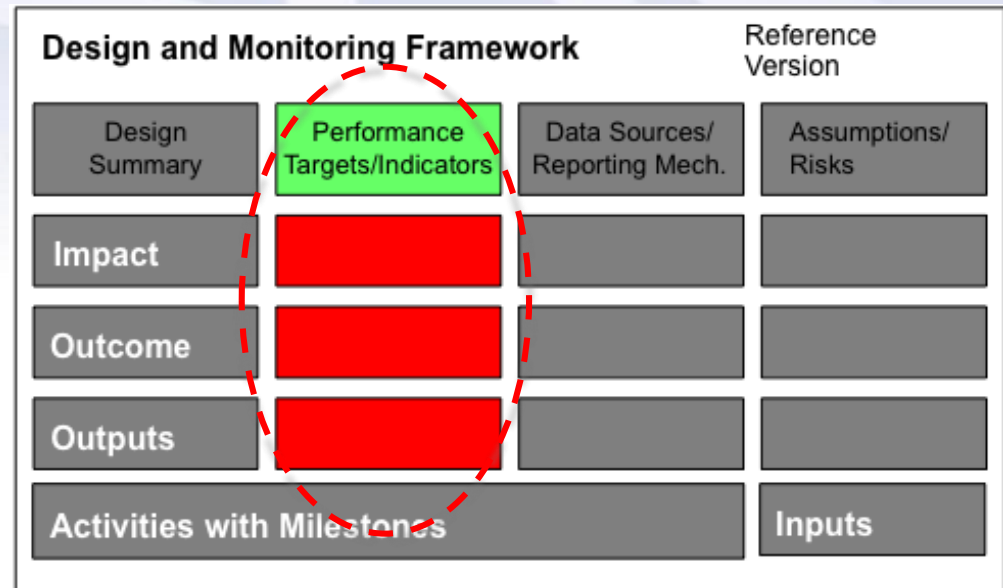
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Design Summary



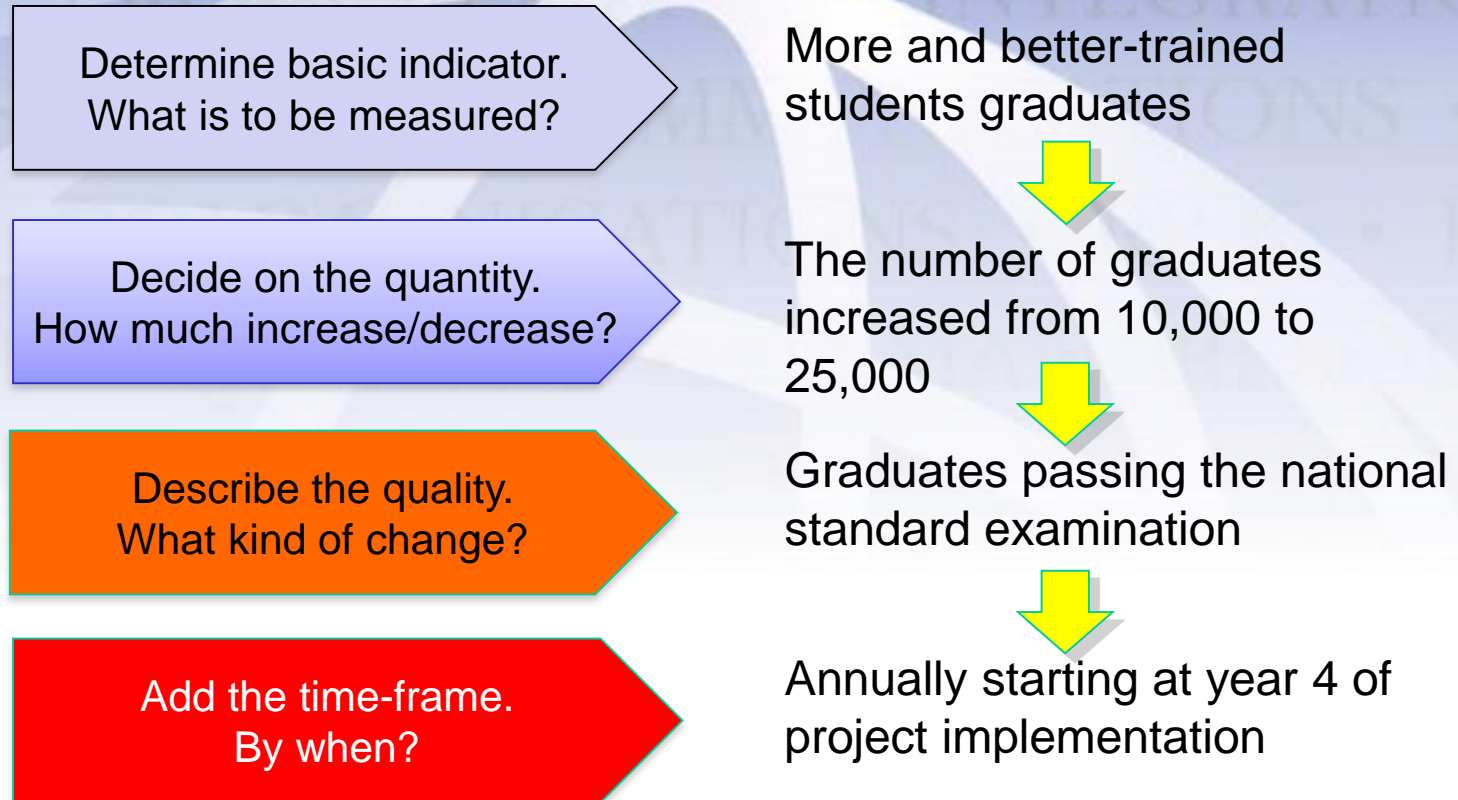
Performance Targets/Indicators

- Quantitative and Qualitative specifications for the desired project results
- Indicators outlines what will be measured
- Performance target specifies quantity and time



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Performance Targets/Indicators



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Economic Development Indicators

- ☐ Average annual household income
- ☐ Average weekly/monthly wages
- ☐ Employment, by age group
- ☐ Unemployment, by age group, by gender
- ☐ Employment, by occupation, by gender
- ☐ Government employment
- ☐ Earned income levels
- ☐ Average length of unemployment period
- ☐ Default rates on loans
- ☐ Ratio of home owners to renters
- ☐ Per capita income
- ☐ Average annual family income
- ☐ % people below the poverty line
- ☐ Ratio of seasonal to permanent employment
- ☐ Growth rate of small businesses
- ☐ Value of residential construction

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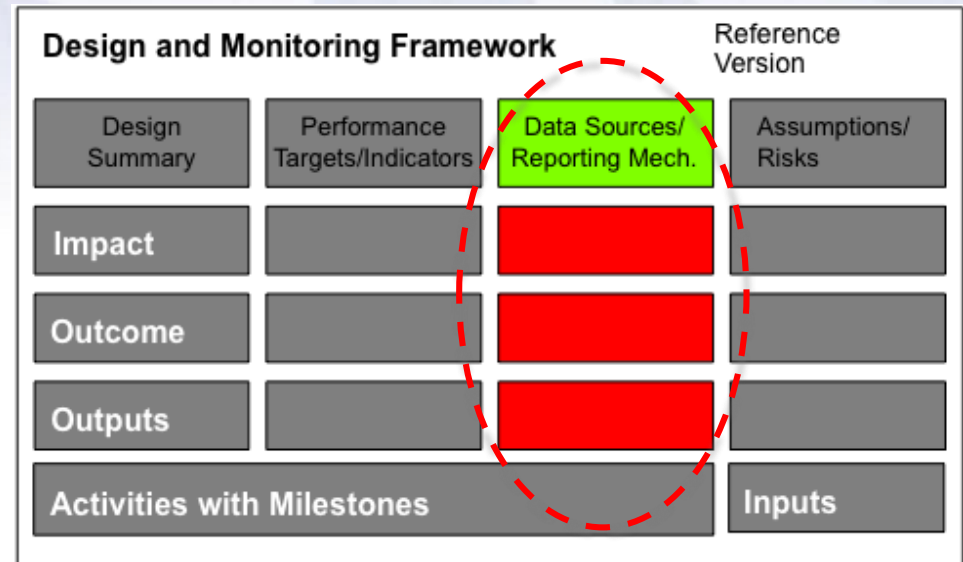
Social Development Indicators

- ☐ Death rate
- ☐ Life expectancy at birth
- ☐ Infant mortality rates
- ☐ Causes of death
- ☐ Number of doctors per capita
- ☐ Number of hospital beds per capita
- ☐ Number of nurses per capita
- ☐ Literacy rates, by age and gender
- ☐ Student:teacher ratios
- ☐ Retention rate by school level
- ☐ Public spending per student
- ☐ Causes of accident
- ☐ Dwellings with running water
- ☐ Dwellings with electricity
- ☐ Number of violent crimes
- ☐ Infant mortality rate

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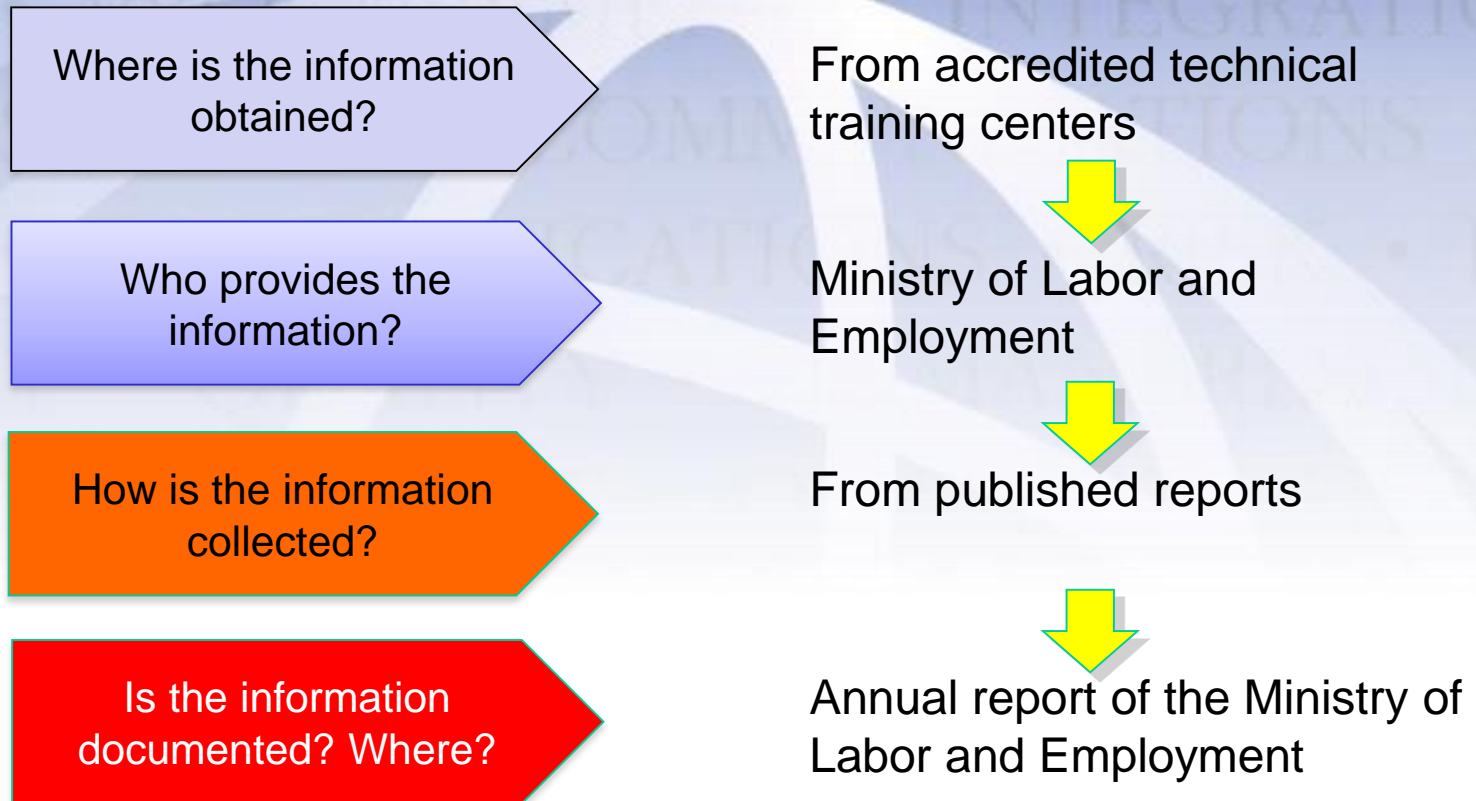
Data Sources/Reporting Mechanisms

- Data Sources show where information on the status of each indicator can be obtained
- Who provides the information
- How the information is collected, e.g. surveys
- Reporting Mechanisms state where the information is documented.



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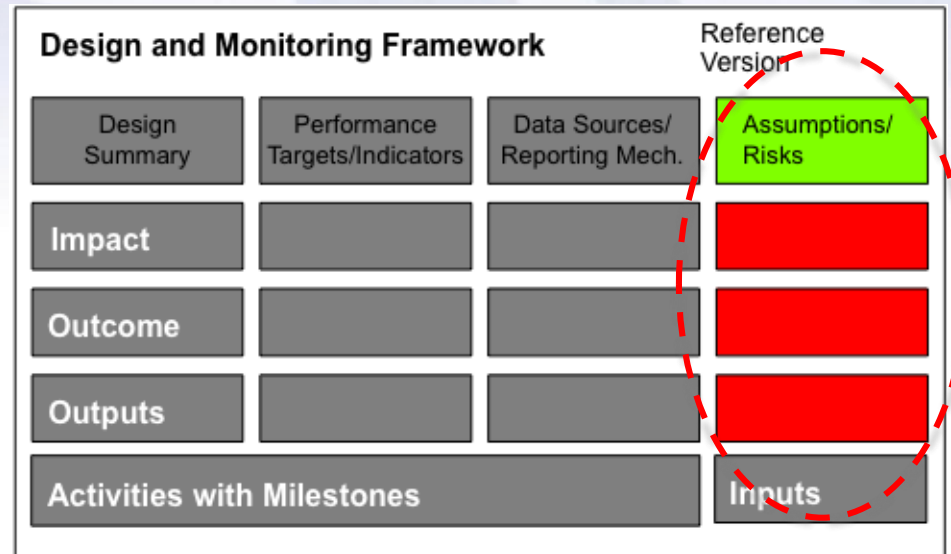
Data Sources/Reporting Mechanisms



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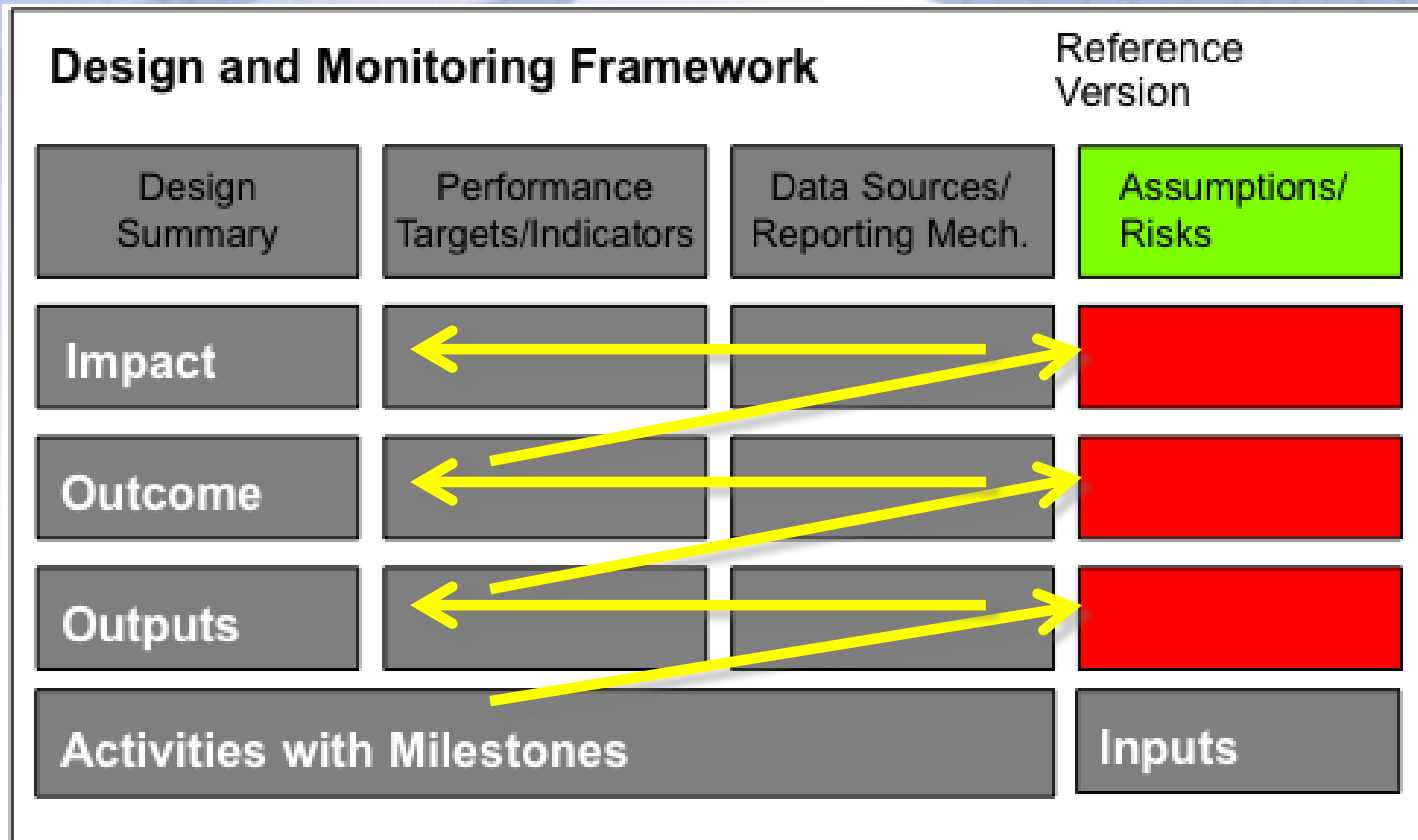
Assumptions/Risks

- Assumptions are positive statements of conditions, events, or actions that are necessary to achieve the results at each level of the DMF
- Risk are negative statements of conditions, events, or actions that would adversely affect or make it impossible to achieve the intended results



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Assumptions/Risks

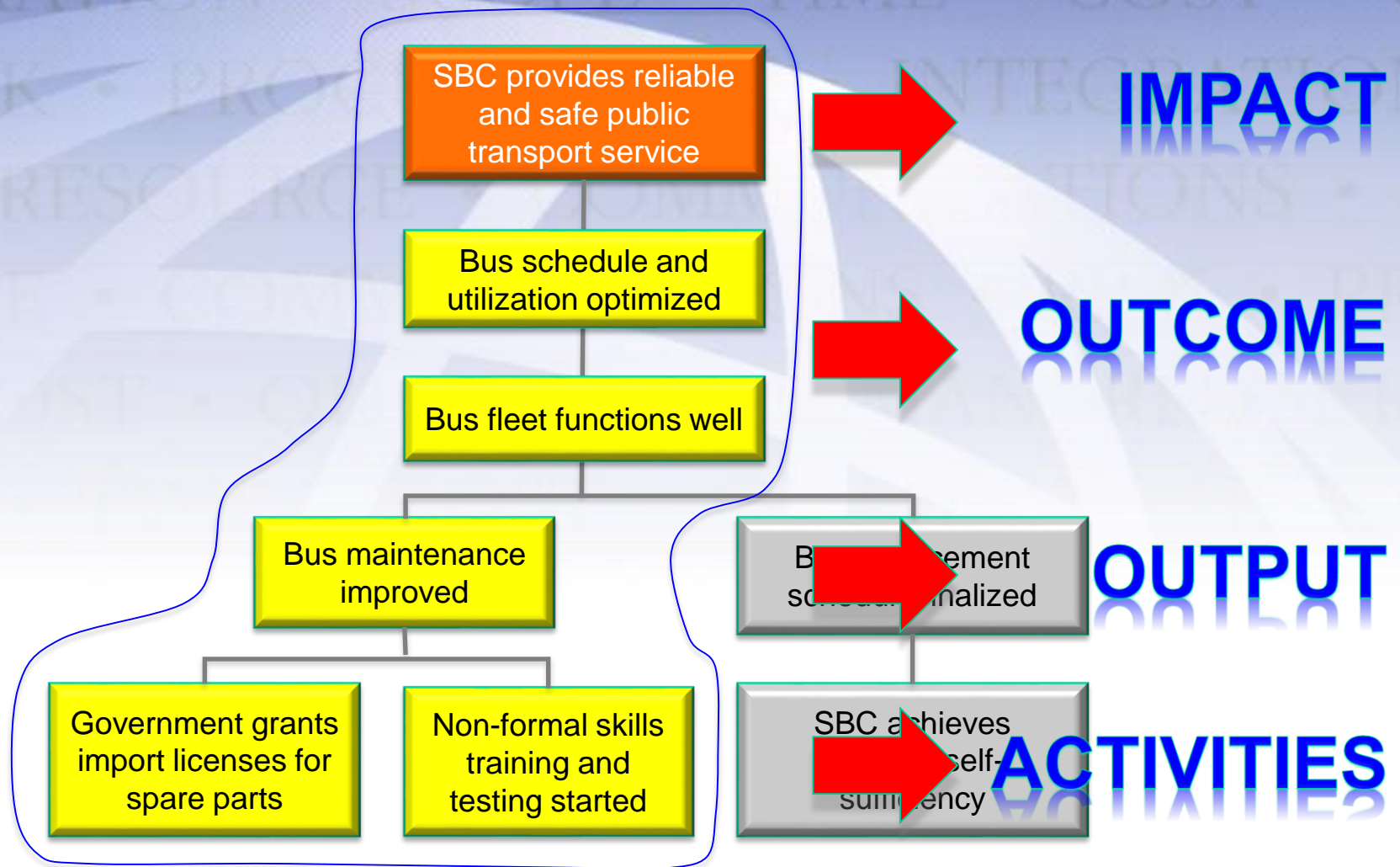


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DMF Guide Questions

Design Summary	Indicators and Target	Data Source	Risk
Impact <ul style="list-style-type: none"> What is the long-term effect of the proposed project or program to national development and GMS regional cooperation? 	<ul style="list-style-type: none"> What indicators can you use to monitor the long-term effect of the project or program? What number (increase or decrease) do you set as a target and within what timeframe? 	<ul style="list-style-type: none"> Where and how can you obtain this information? 	<ul style="list-style-type: none"> What are the events at the <u>Outcome level</u> that may hamper realization of the Impact? How can you avoid the negative impact of the event?
Outcome <ul style="list-style-type: none"> What are the changes or benefits that is expected to happen as a result of the project or program? 	<ul style="list-style-type: none"> What indicators can you use to monitor the changes or benefits due to the project or program? What number (increase or decrease) do you set as a target and within what timeframe? 	<ul style="list-style-type: none"> Where and how can you obtain this information? 	<ul style="list-style-type: none"> What are the events at the <u>Output level</u> that may hamper realization of the Outcome? How can you avoid the negative impact of the event?
Output <ul style="list-style-type: none"> What is the proposed project or program? Why are you proposing this particular project or program? Who are the major beneficiaries of the project or program? 	<ul style="list-style-type: none"> What indicators can you use to monitor the changes or benefits due to the project or program? What number (increase or decrease) do you set as a target and within what timeframe? 	<ul style="list-style-type: none"> Where and how can you obtain this information? 	<ul style="list-style-type: none"> What are the events at the <u>Activity level</u> that may hamper realization of the Outcome? How can you avoid the negative impact of the event?
Activities <ul style="list-style-type: none"> What are the major components of the project or program? 			

Linkage from Alternatives Analysis



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End of Presentation



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