

دانشگاه آزاد اسلامی واحد تبریز

نام درس: مدیریت پروژه های فناوری اطلاعات

بخش: مدیریت مخاطرات

نام استاد: دکتر مسعود کارگر





Project Risk Management

Project Risk Management

Project Risk Management includes the processes of conducting risk management planning, identification, analysis, response planning, response implementation, and monitoring risk on a project.



Trends & Emerging Practices



Tailoring Consideration



Risk Managements Processes



Plan Risk Management

Plan Risk Management

Plan Risk Management



Description

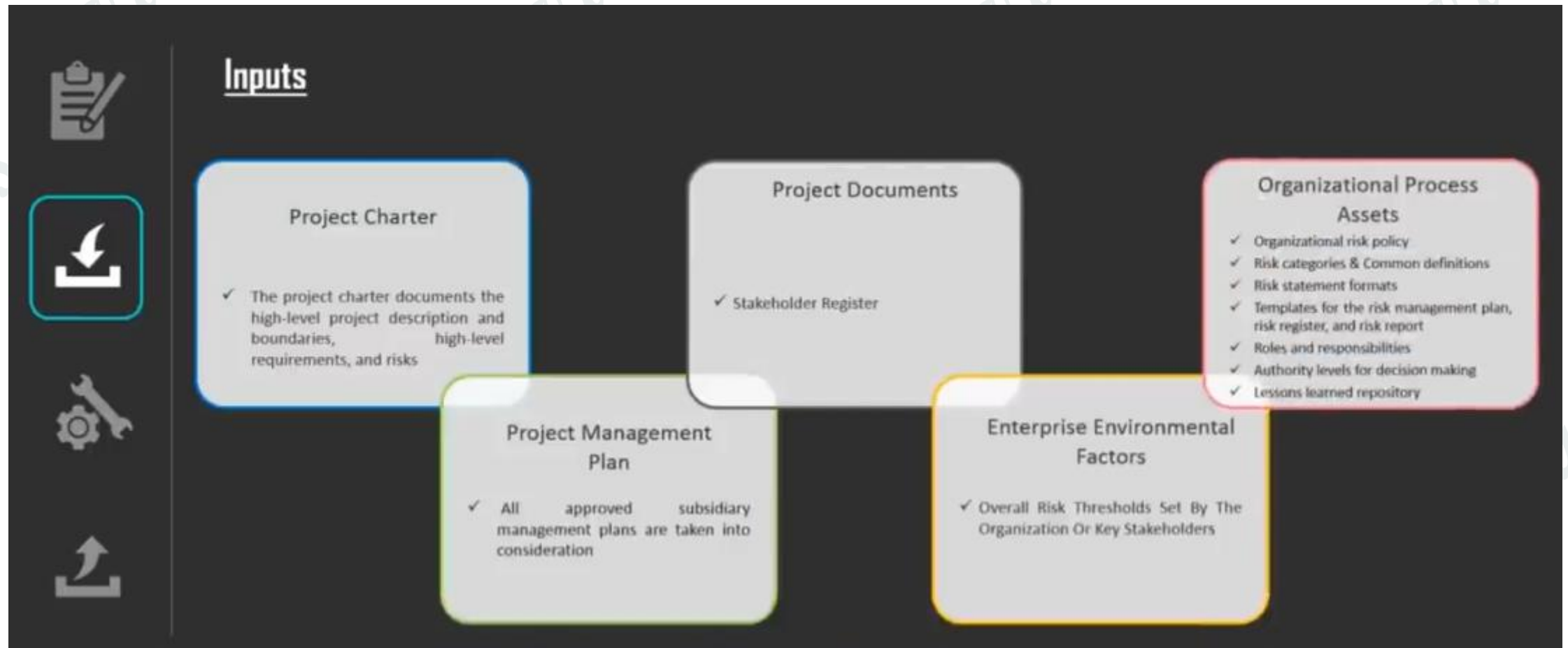
This process defines how to conduct risk management activities for a project

This process helps in ensuring that the degree, type, and visibility of risk management are proportionate to both risks and the importance of the project to the organization and other stakeholders.

It is performed once or at the predefined points in the project lifecycle



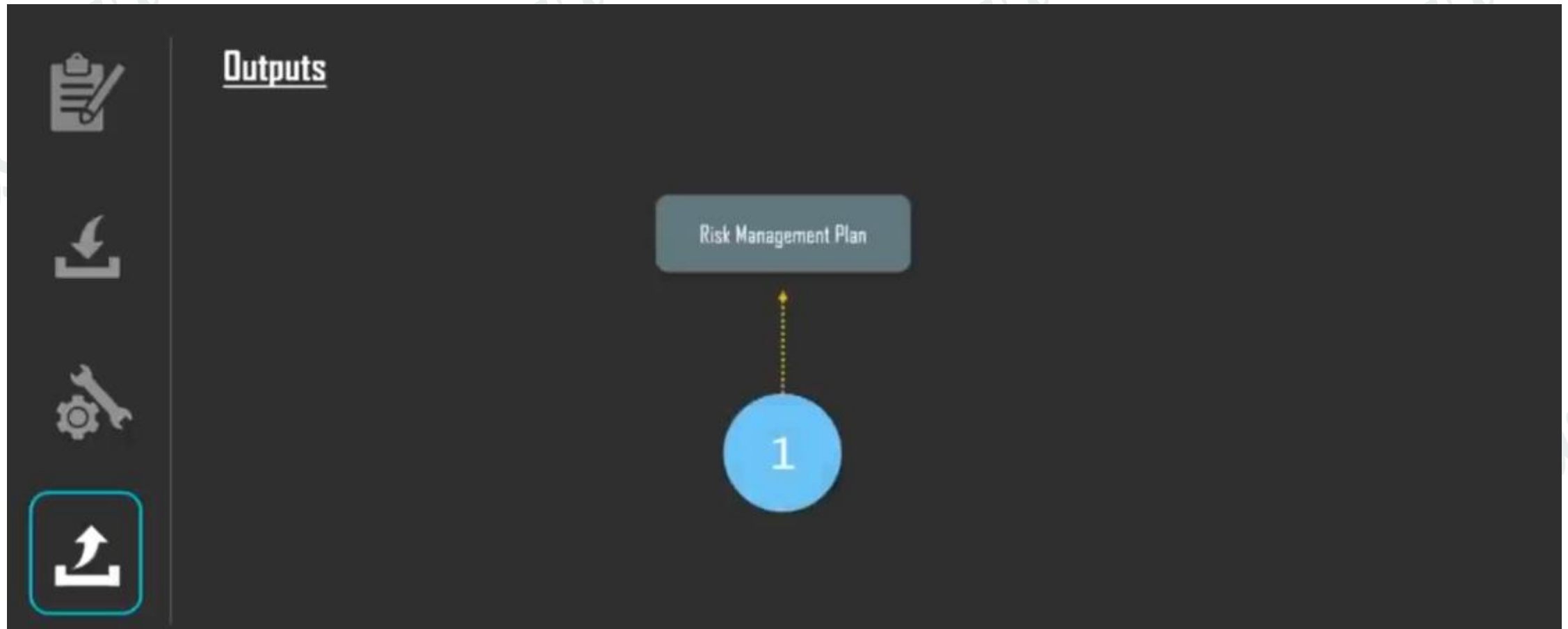
Plan Risk Management



Develop Project Charter



Develop Project Charter



Identify Risks



Identify Risks

Identify Risks



Description

This process is to identify the individual project risks as well as sources of overall project risk, and documenting their characteristics



This process helps in documenting the existing individual project risks and the sources of overall project risk

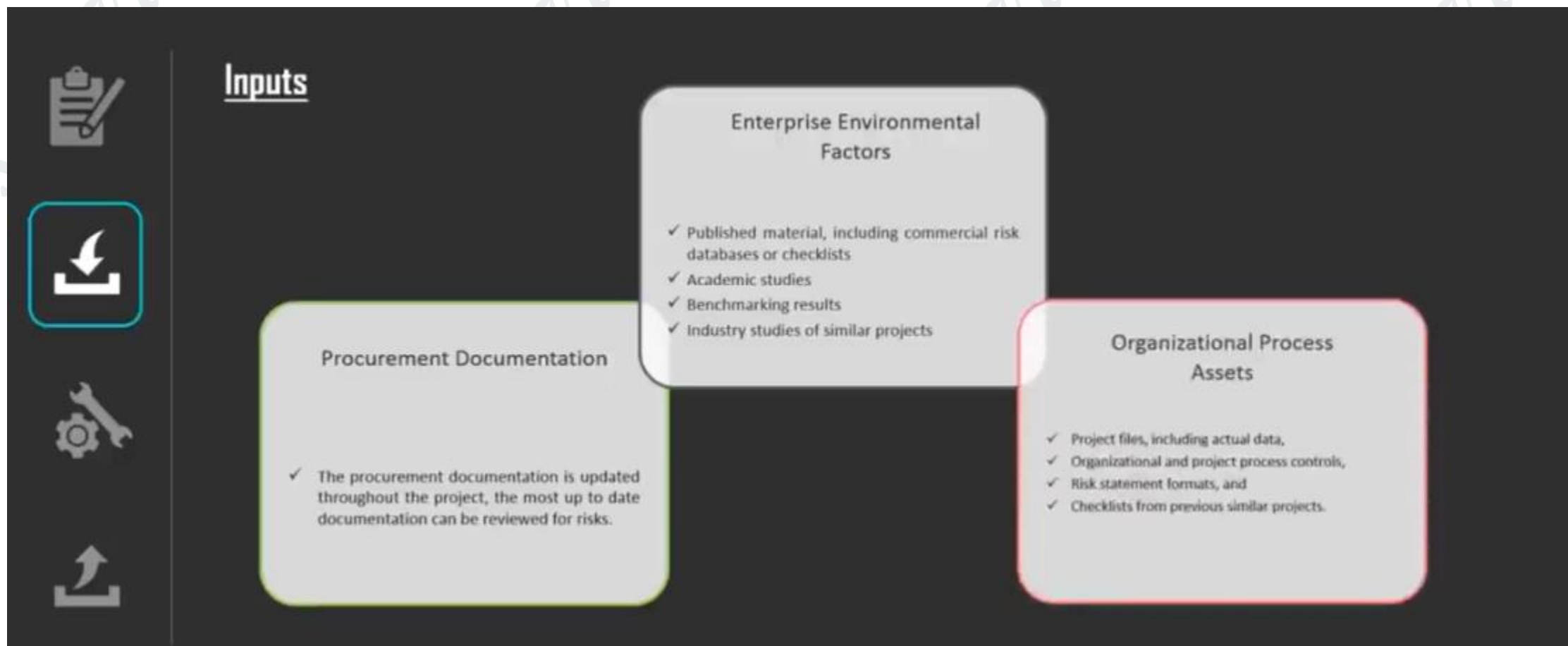


It also helps in bringing together the information using which the project team can respond appropriately to identified risks



This process is performed throughout the project

Identify Risks

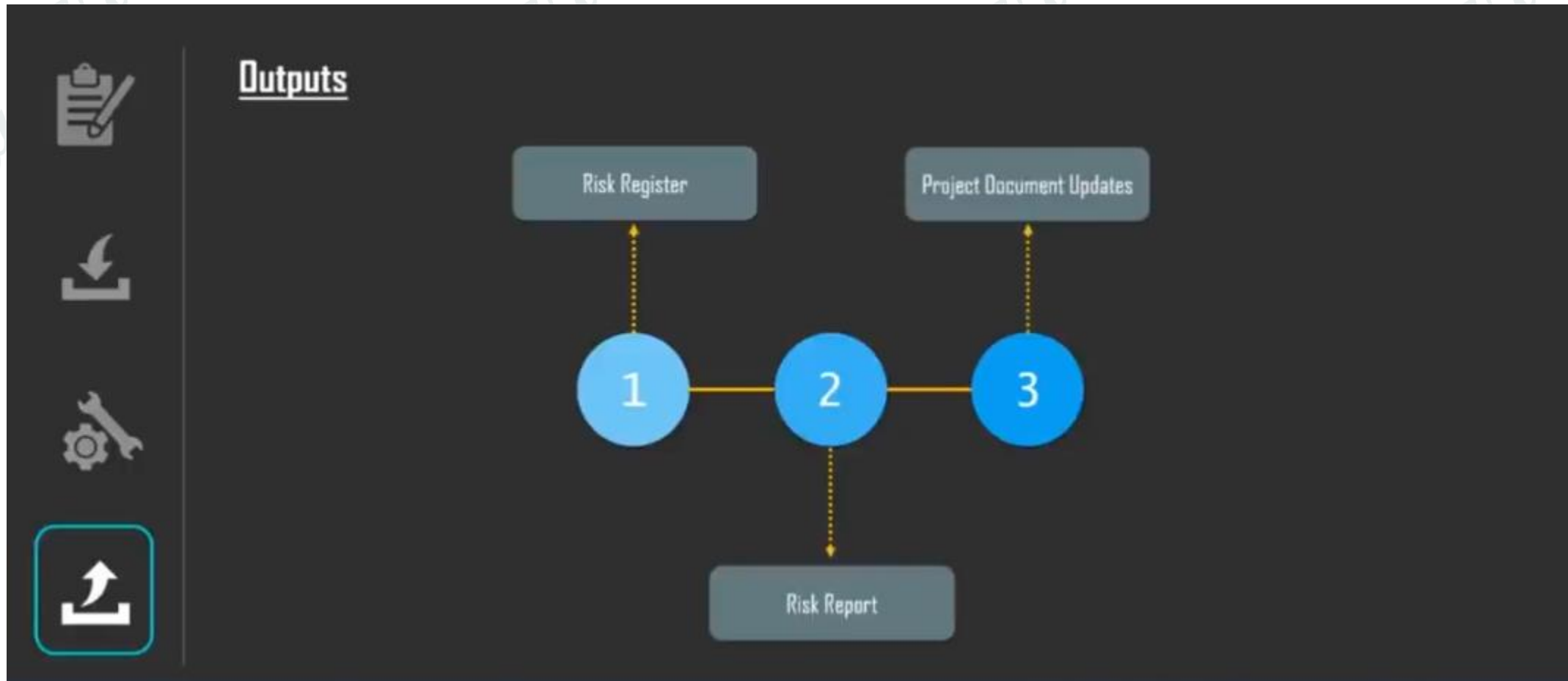


Identify Risks

Tools

- EXPERT JUDGEMENT
- DATA GATHERING
- DATA ANALYSIS
- INTERPERSONAL AND TEAM SKILLS
- PROMPT LISTS
- MEETINGS

Identify Risks



Perform Qualitative Risk Analysis

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Perform Qualitative Risk Analysis

Perform Qualitative Risk Analysis



Description

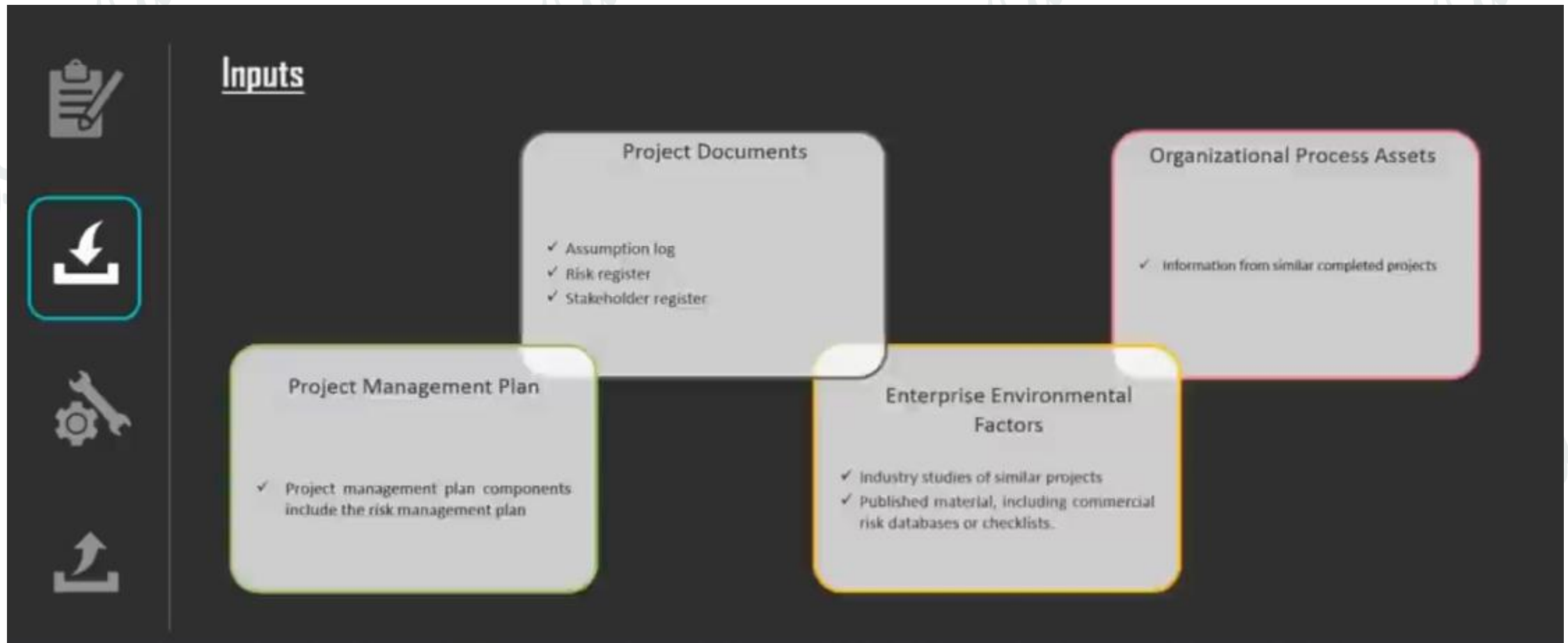
This process prioritizes the individual project risks for further analysis or action by assessing their probability of occurrence and impact as well as other characteristics.

The major benefit of this process is that it focuses efforts on high-priority risks.

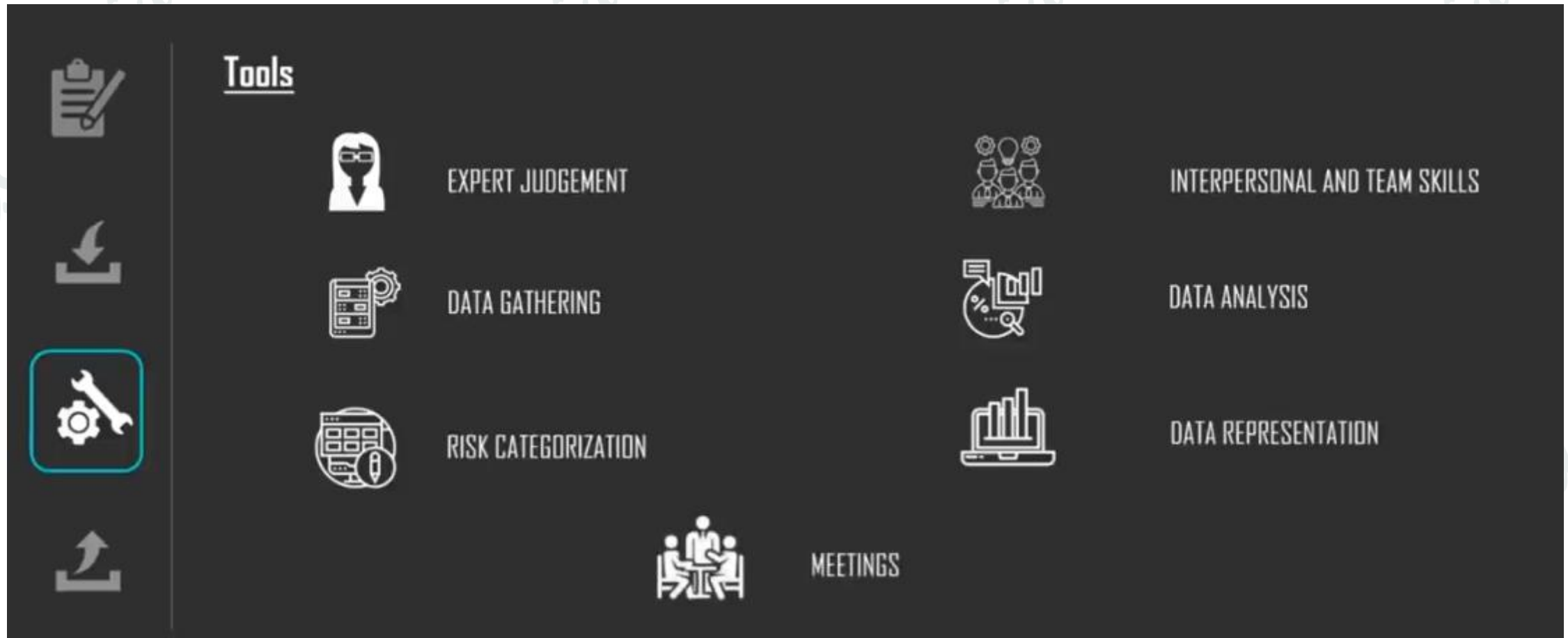
This process is performed regularly throughout the project life cycle



Perform Qualitative Risk Analysis



Perform Qualitative Risk Analysis



Perform Qualitative Risk Analysis



Perform Quantitative Risk Analysis

Perform Qualitative Risk Analysis



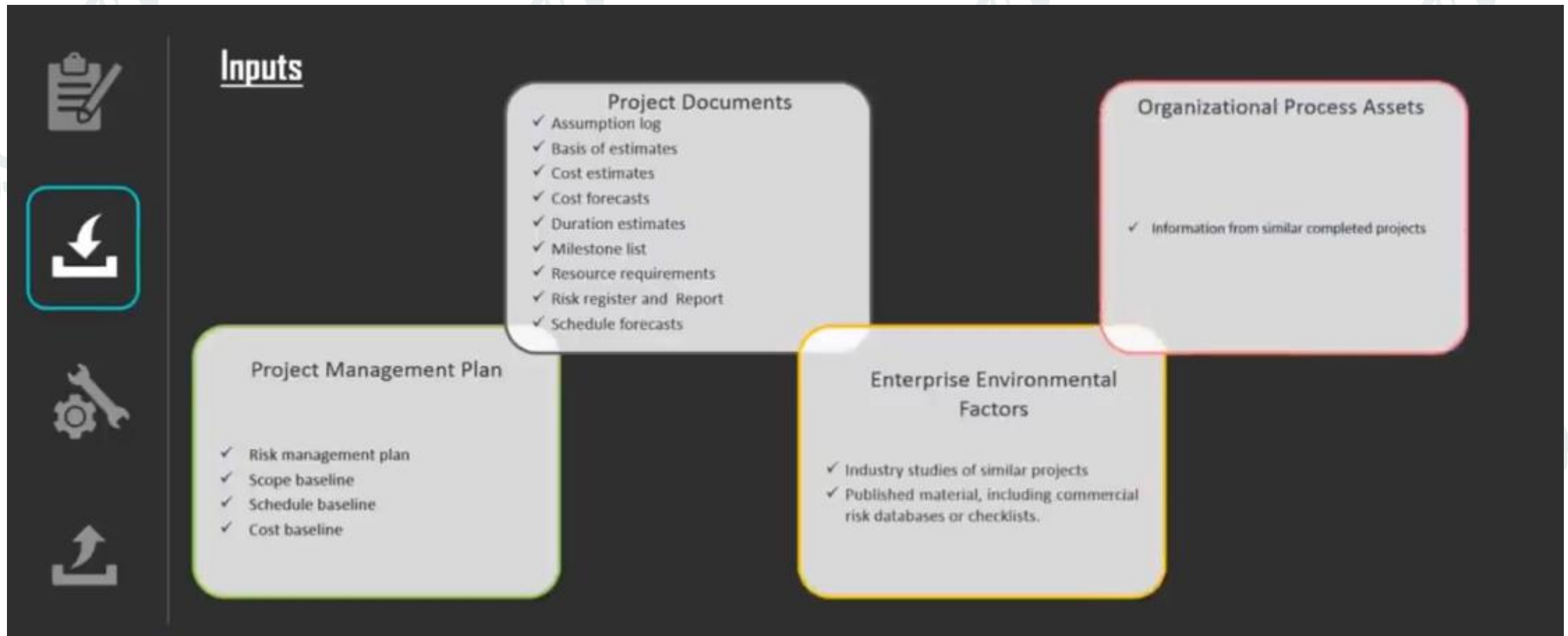
Description

This process numerically analyzes the combined effect of identified individual project risks and other sources of uncertainty on overall project objectives

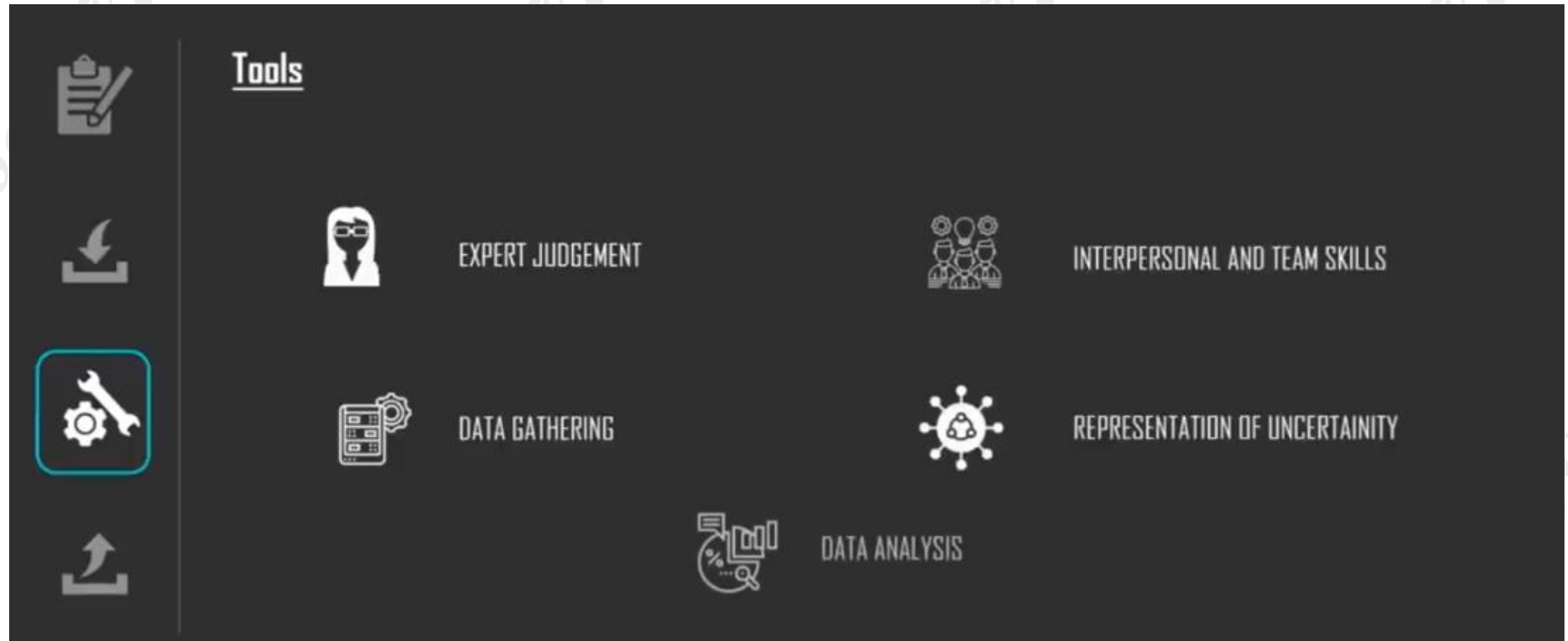
The main benefit of this process is that it quantifies overall project risk exposure, and it can also provide additional quantitative risk information to support risk response planning.

This process is not required for every project, but where it is used, it is performed throughout the project

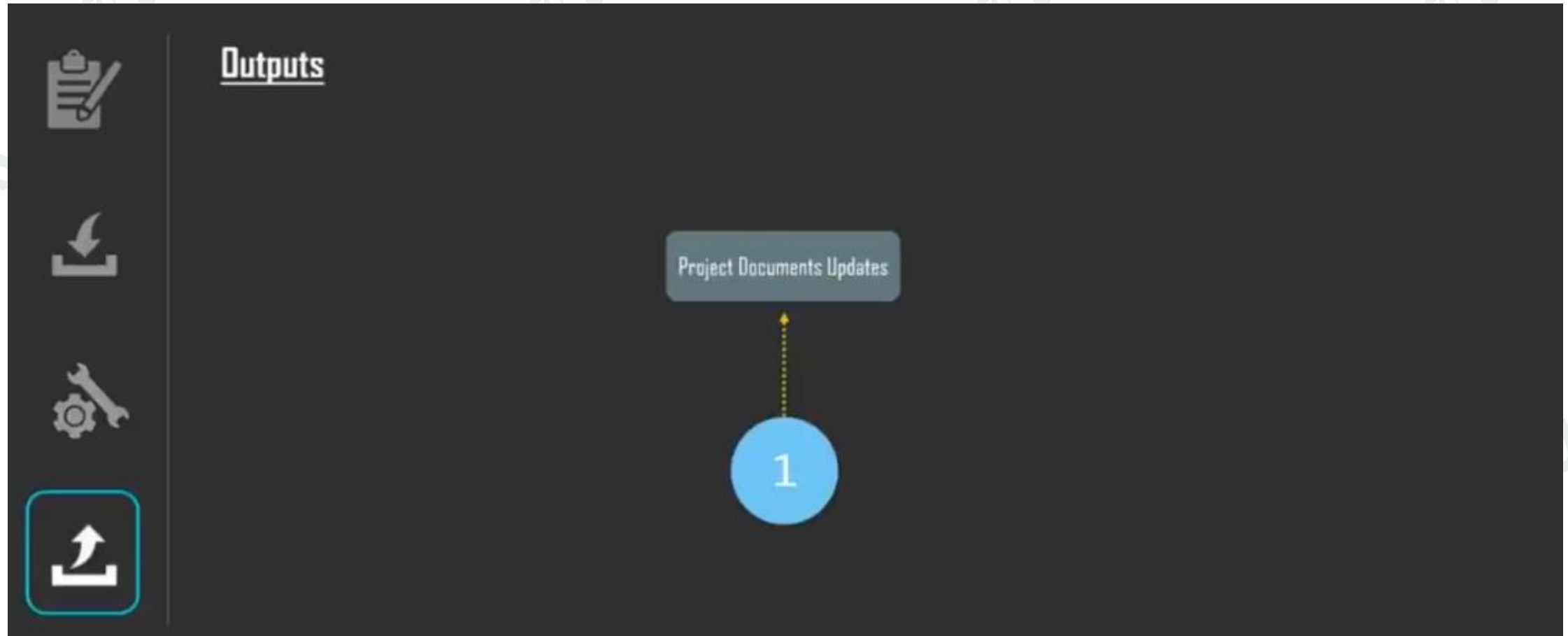
Perform Qualitative Risk Analysis



Perform Qualitative Risk Analysis



Perform Qualitative Risk Analysis



Plan Risk Responses

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Plan Risk Responses

Plan Risk Responses



Description

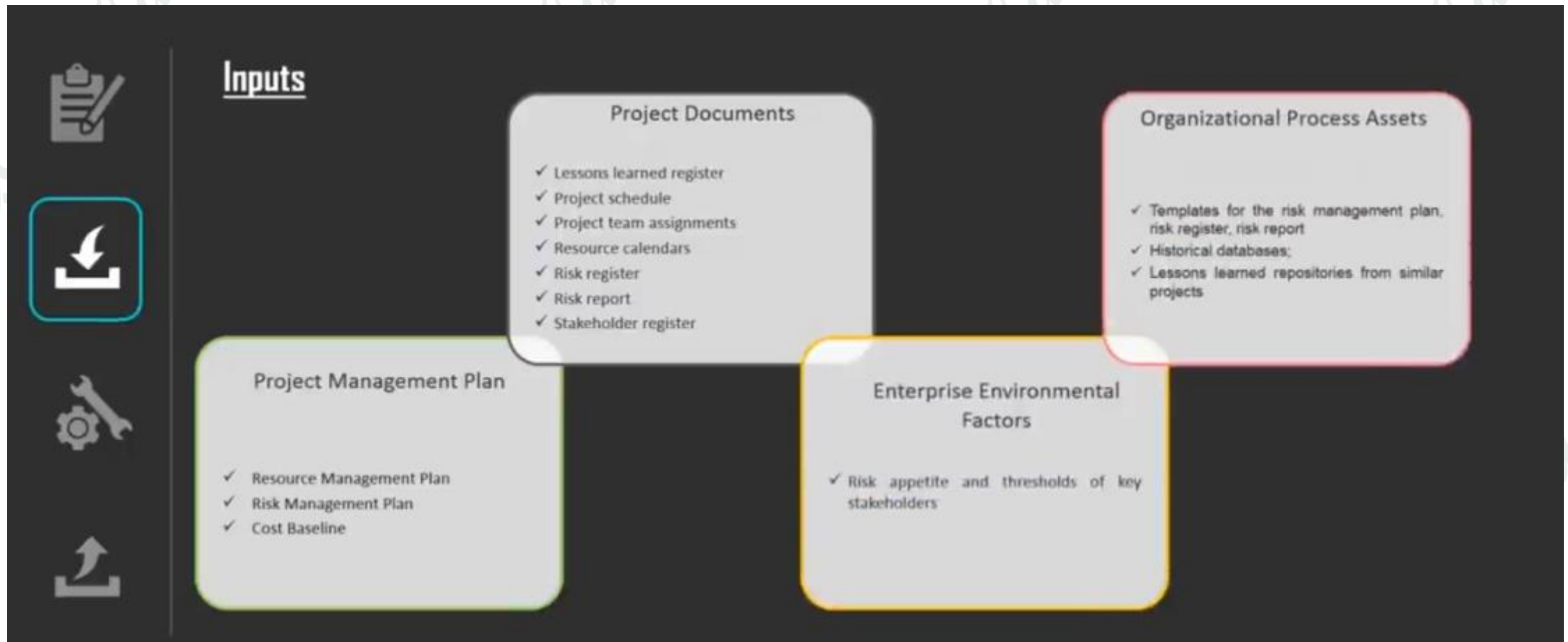
This process helps in developing options, selecting strategies, and agreeing on actions to address overall project risk exposure, as well as to treat individual project risks

It also identifies appropriate ways to address overall project risk and individual project risks

This process also allocates resources and inserts activities into project documents and the project management plan as needed

This process is performed throughout the project

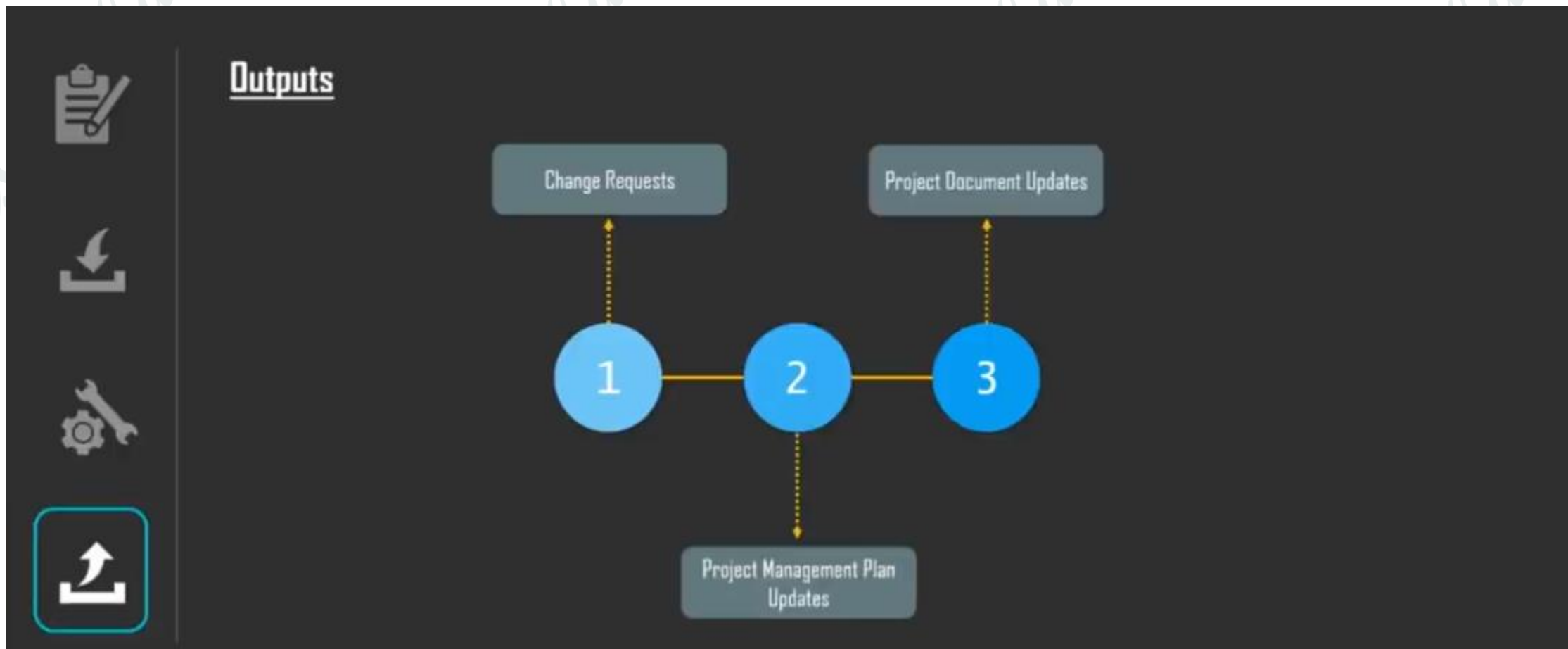
Plan Risk Responses



Plan Risk Responses



Plan Risk Responses



Implement Risk Responses

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Implement Risk Responses

Implement Risk Responses



Description

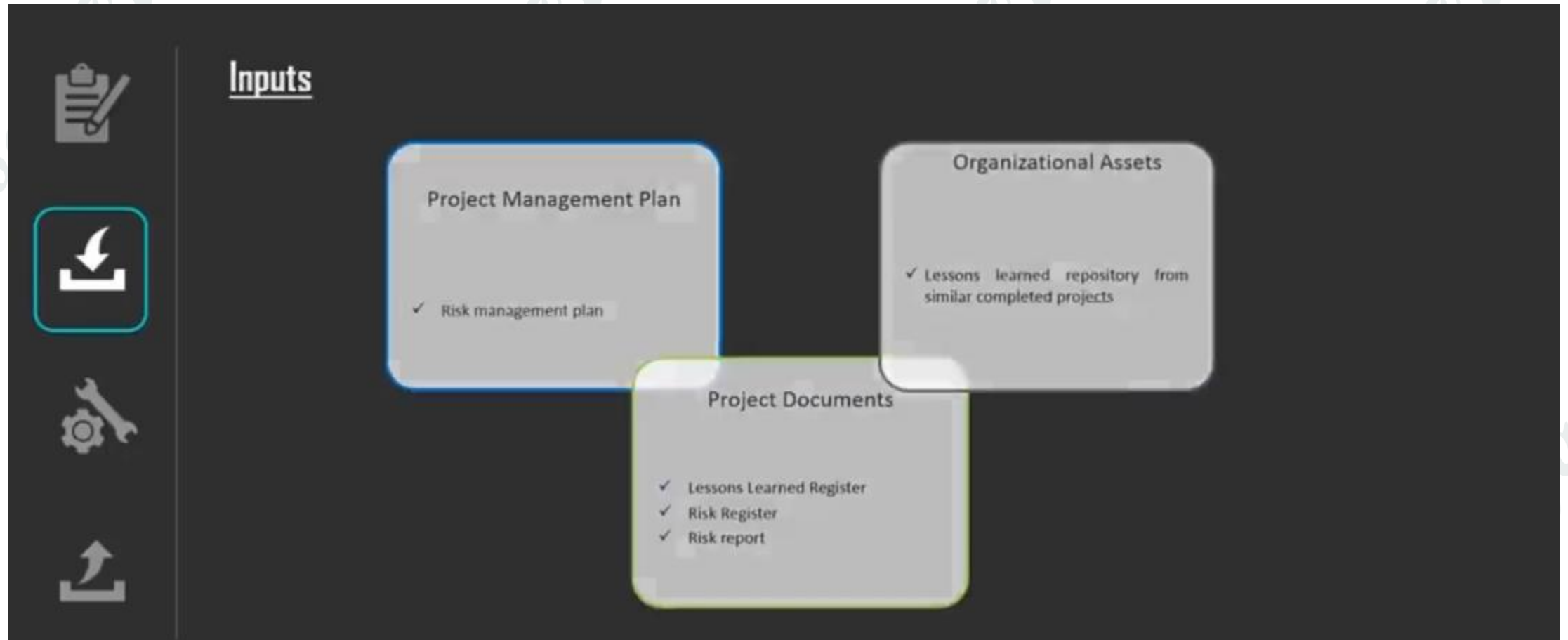
This process helps in implementing agreed-upon risk response plans

Main benefit of this process is to ensure that agreed-upon risk responses are executed as planned in order to address overall project risk exposure, minimize individual project threats, and maximize individual project opportunities.

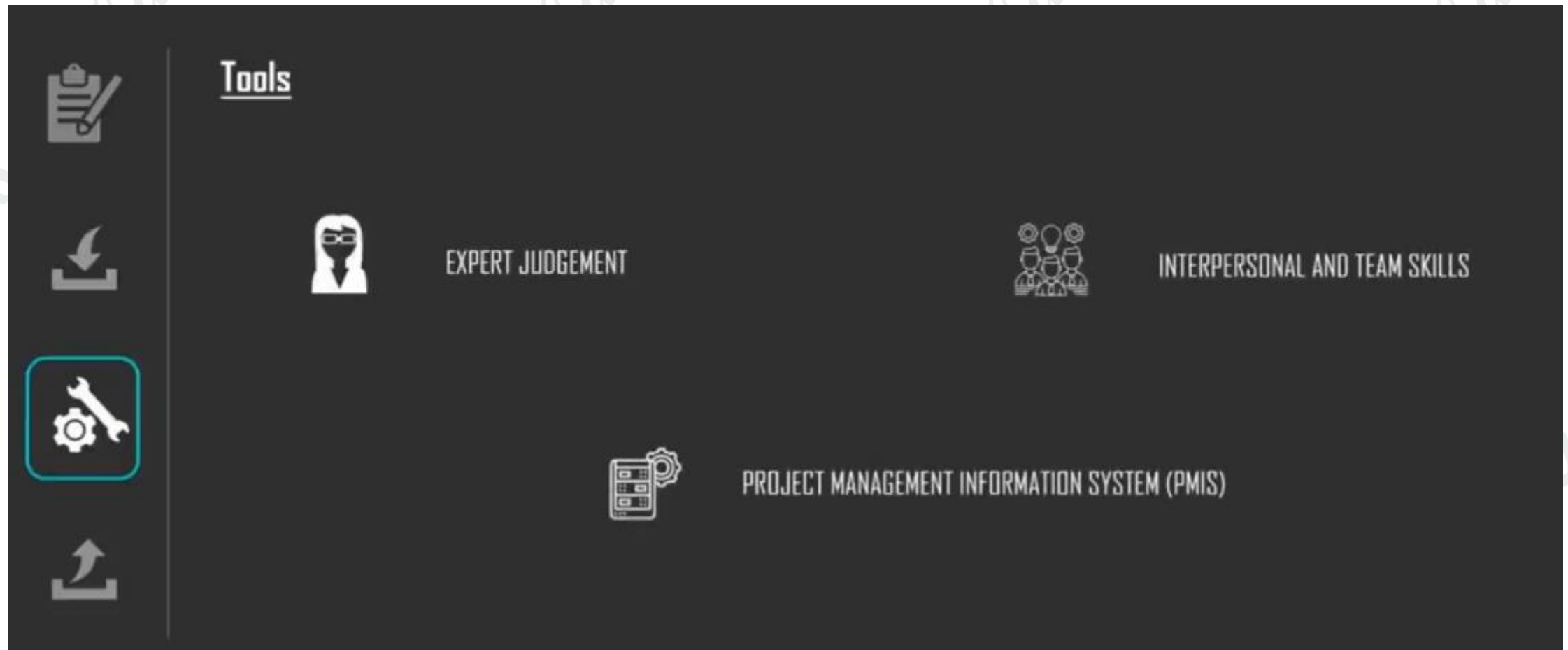
This process is performed throughout the project



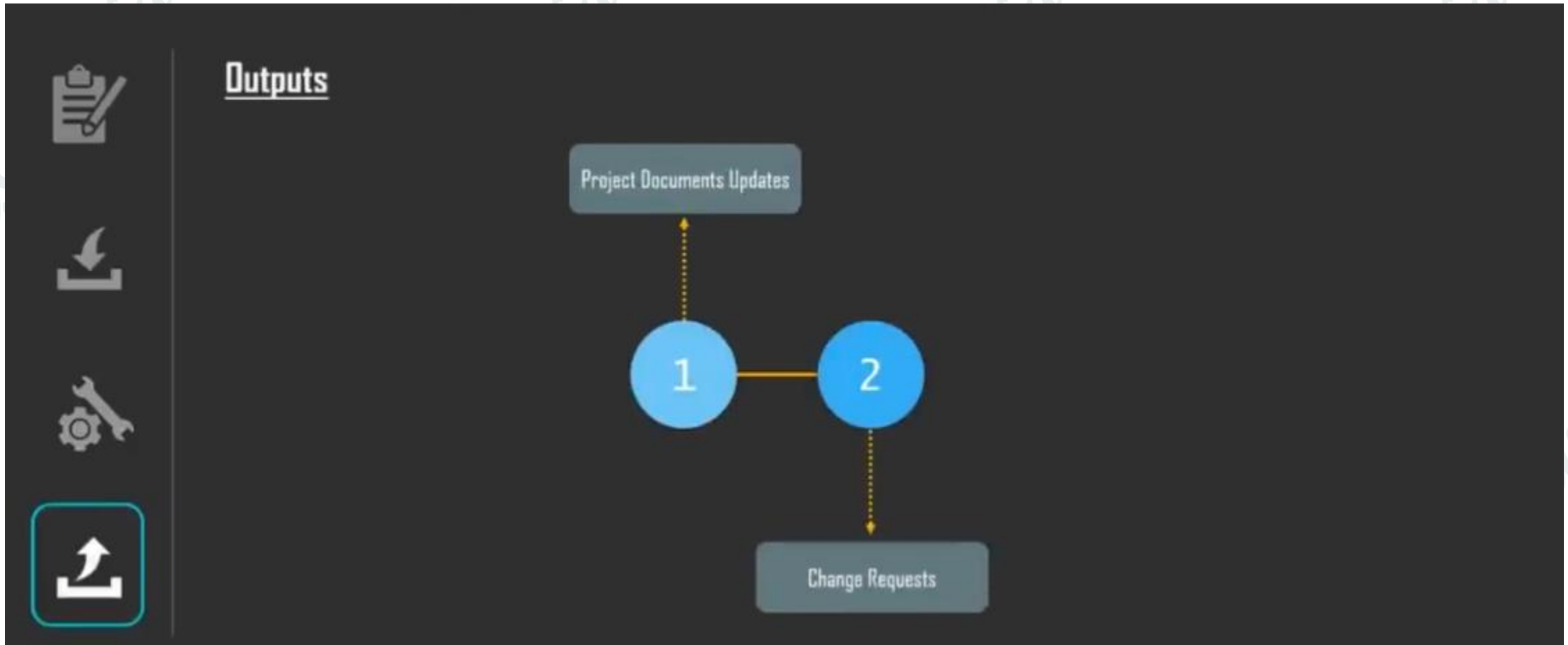
Implement Risk Responses



Implement Risk Responses



Implement Risk Responses



Monitor Risks



Monitor Risks

Monitor Risks



Description

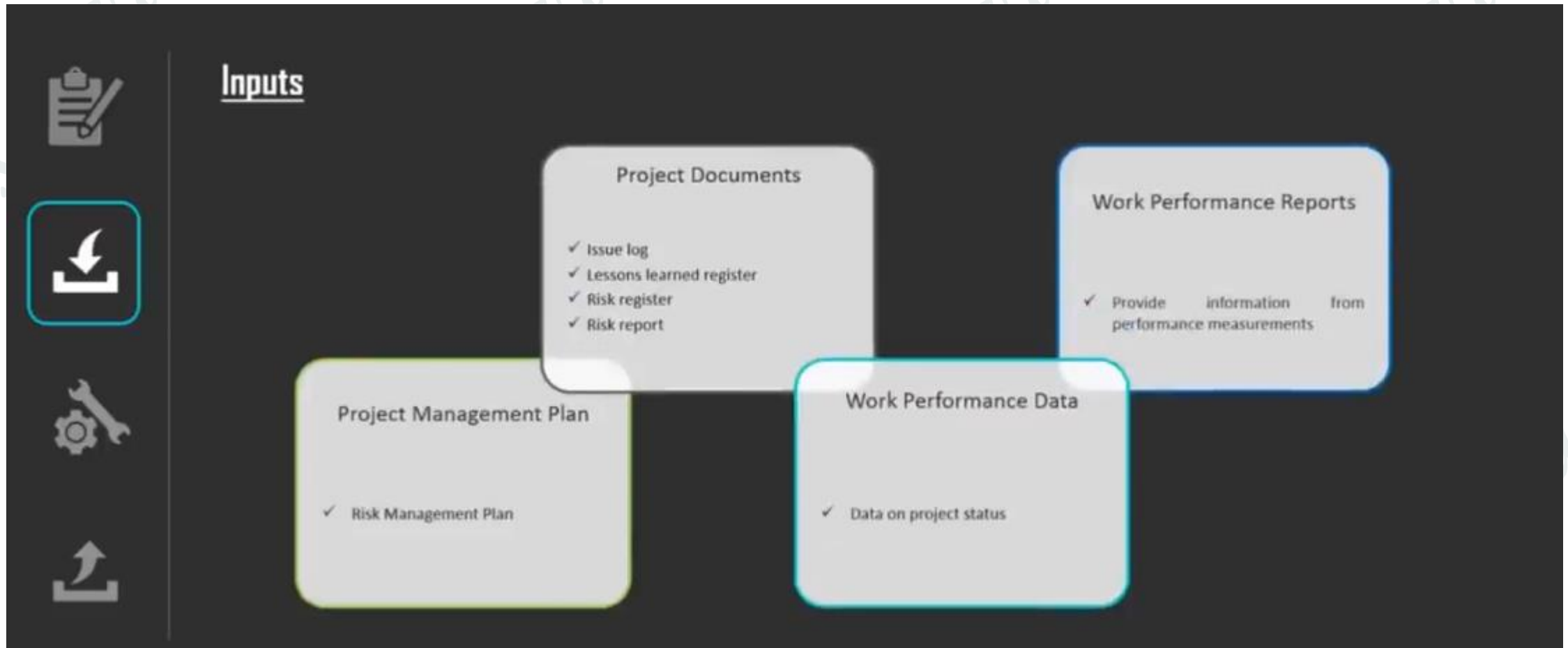
This process mainly monitors the implementation of agreed-upon risk response plans, tracking identified risks, identifying and analyzing new risks, and evaluating risk process effectiveness throughout the project.

This process helps in enabling the project decisions to be based on current information about overall project risk exposure and individual project risks.

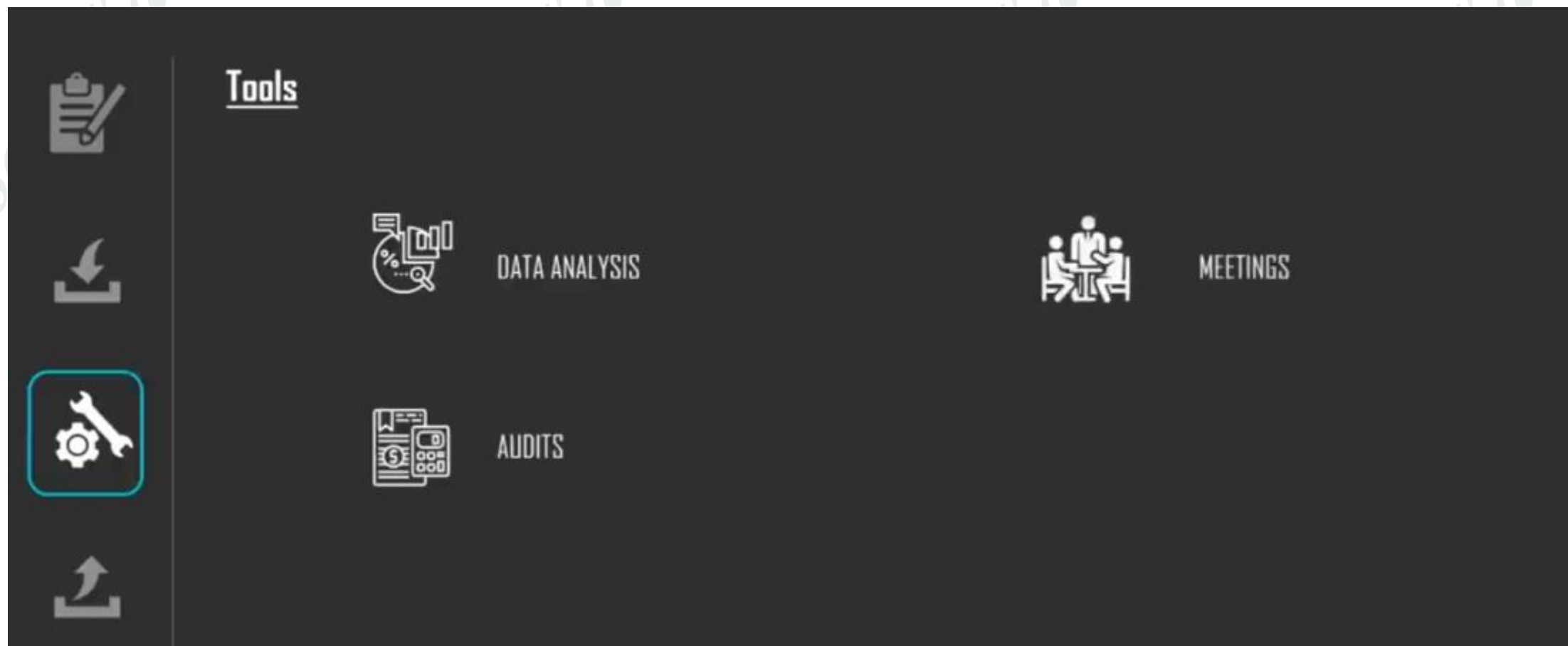
This process is performed throughout the project.



Monitor Risks



Monitor Risks



Monitor Risks

