ADVANCED MONITORING AND EVALUATION OF PROJECTS



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Introduction

Advanced Monitoring and Evaluation of Projects Training Course builds the measurement capability that separates projects that can prove their results from projects that merely claim them. Monitoring tracks delivery as it happens; evaluation assesses what actually changed and why. Weak practice in either area produces reports full of activity data and empty of evidence. This course develops both disciplines. It covers results frameworks, indicator design, and theory of change. Furthermore, it applies data collection, quality assurance, analysis, and reporting methods. In addition, it develops evaluation design, impact assessment, and learning systems. As a result, participants measure project performance in ways that stand up to donor and management scrutiny.

Advanced Monitoring and Evaluation of Projects Course Objectives

- Explain monitoring and evaluation concepts, purposes, and distinctions.
- Build a theory of change and results chain for a project.
- Construct logical frameworks with clear impact, outcome, and output levels.
- Design SMART indicators with baselines, targets, and milestones.
- Select appropriate data collection methods and sampling approaches.
- Apply data quality assurance and verification routines.
- Analyse quantitative and qualitative monitoring data.
- Design evaluations using experimental, quasi-experimental, and theory-based approaches.
- Apply impact evaluation methods including difference-in-differences.
- Build reporting, learning, and adaptive management systems.

Course Methodology

- Interactive lectures with real project monitoring and evaluation cases.

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- Theory of change and logical framework construction workshops.
- Indicator design and data collection tool development exercises.
- Data analysis and evaluation design practice.
- Structured peer review with facilitator feedback on evaluation plans.

Who Should Take This Course

- Monitoring and evaluation officers and specialists.
- Project managers and programme coordinators.
- Development and donor-funded programme staff.
- Government planning and performance staff.
- NGO and non-profit programme teams.
- Researchers and consultants designing evaluations.

Advanced Monitoring and Evaluation of Projects Course Outlines

Day 1: Monitoring, Evaluation, and Results Frameworks

- Monitoring and evaluation concepts and their differences.
- Accountability, learning, and adaptive management purposes.
- Theory of change construction and assumption mapping.
- Results chain: inputs, activities, outputs, outcomes, impact.
- Logical framework matrix and its components.
- OECD-DAC evaluation criteria application.
- Case study: reviewing a project's results framework for gaps.

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Day 2: Indicator Design and Measurement

- Indicator types: quantitative, qualitative, and proxy.
- SMART indicator criteria and formulation practice.
- Baselines, targets, milestones, and means of verification.
- Disaggregation by gender, location, and beneficiary group.
- Indicator reference sheets and metadata documentation.
- Alignment with Sustainable Development Goal indicators.
- Workshop: designing an indicator set for a project.

Day 3: Data Collection and Quality Assurance

- Data sources: primary, secondary, administrative, and survey.
- Sampling methods: random, stratified, cluster, and purposive.
- Quantitative tools: surveys, questionnaires, and monitoring forms.
- Qualitative tools: interviews, focus groups, and observation.
- Mobile data collection and digital data management.
- Data quality dimensions and verification routines.
- Workshop: building a data collection plan and tools.

Day 4: Analysis and Evaluation Design

- Quantitative data analysis and descriptive statistics.
- Qualitative analysis and thematic coding.
- Evaluation design: experimental, quasi-experimental, theory-based.
- Difference-in-differences and propensity score matching basics.
- Cost-effectiveness and value-for-money analysis.

- Evaluation terms of reference and quality standards.
- Workshop: designing an evaluation approach for a project.

Day 5: Reporting, Learning, and Adaptive Management

- Monitoring report structure and frequency.
- Evaluation report writing and findings presentation.
- Communicating results to donors, boards, and communities.
- Learning systems and knowledge management.
- Adaptive management and course correction.
- Building evaluation capacity in project teams.
- Course review, assessment, and action planning.

Conclusion

By successfully completing Advanced Monitoring and Evaluation of Projects, participants will gain a thorough understanding of results frameworks, theory of change, indicator design, data collection and quality assurance, data analysis, evaluation design, and reporting and learning systems. They will also acquire practical skills in results framework and logical framework construction, indicator design and data collection management, data analysis and evaluation design, and reporting, learning and adaptive management. In addition, the course prepares them to demonstrate project results with credible evidence. Gentex Training Center delivers this programme with a strong focus on applied measurement practice and evidence-based reporting.

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FAQs for Advanced Monitoring and Evaluation of Projects course

Q1 What is the "Advanced Monitoring and Evaluation of Projects" course about?

It is a five-day programme on measuring project performance and proving results. It covers theory of change, logical frameworks, SMART indicator design, data collection and quality assurance, quantitative and qualitative analysis, evaluation design, impact assessment, and reporting and learning systems.

Q2 What are the key benefits of the "Advanced Monitoring and Evaluation of Projects" course?

Participants produce evidence instead of activity reports. The course improves theory of change and results logic, sharpens indicator design and baseline setting, raises data quality and verification discipline, strengthens evaluation design and impact attribution, improves donor and board reporting, and builds learning systems that feed real course correction.

Q3 What skills will I gain from the "Advanced Monitoring and Evaluation of Projects" course?

Participants gain results framework and logical framework construction, indicator design and data collection management, data analysis and evaluation design, and reporting, learning and adaptive management. These four skills cover the practical core of monitoring and evaluation work.

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Q4 What tools, methods, or standards are covered in the "Advanced Monitoring and Evaluation of Projects" course?

The course covers theory of change construction and assumption mapping, the results chain across inputs, activities, outputs, outcomes and impact, the logical framework matrix, OECD-DAC evaluation criteria, quantitative, qualitative and proxy indicator types, SMART indicator criteria, baselines, targets, milestones and means of verification, indicator disaggregation, indicator reference sheets and metadata, Sustainable Development Goal indicator alignment, primary, secondary, administrative and survey data sources, random, stratified, cluster and purposive sampling, survey and questionnaire design, interviews, focus groups and observation methods, mobile data collection, data quality dimensions and verification routines, descriptive statistics, thematic coding, experimental, quasi-experimental and theory-based evaluation designs, difference-in-differences, propensity score matching, cost-effectiveness and value-for-money analysis, evaluation terms of reference, monitoring report structures, evaluation report writing, dissemination to donors and communities, knowledge management, and adaptive management practice.

Q5 How is the "Advanced Monitoring and Evaluation of Projects" course applied in real-world practice?

Participants apply the methods to their own projects. They build theory of change and logical frameworks, design SMART indicators with baselines and targets, develop data collection tools, run quality verification checks, analyse quantitative and qualitative data, design evaluations, apply impact assessment methods, write monitoring and evaluation reports, and brief donors and management on findings. Many leave with an indicator reference sheet, a data collection plan, and an evaluation design template ready to use.

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