Sustainable Development Goals (SDG) Indicators Training Course

Professional Development Training Course Outline

Category	Demography and Population Studies	**Duration**	10 Days
Base Fee	$3,000 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

The Sustainable Development Goals (SDGs) represent a global agenda to eradicate poverty, reduce inequality, and promote sustainable economic growth while protecting the environment. Monitoring and evaluating progress toward these goals requires a robust understanding of SDG indicators, data collection methodologies, and reporting frameworks. Sustainable Development Goals (SDG) Indicators Training Course equips participants with practical skills to measure, analyze, and report SDG indicators effectively, ensuring data-driven decision-making at both national and organizational levels. Participants will gain insights into the latest trends in sustainable development, statistical modeling, and international reporting standards.

The course emphasizes the integration of advanced data analysis, digital tools, and case studies to provide actionable insights into SDG implementation. Participants will learn to link SDG indicators with policy development, program evaluation, and resource allocation, ensuring alignment with the United Nations' 2030 Agenda for Sustainable Development. By the end of the course, participants will be capable of designing indicator frameworks, interpreting complex datasets, and generating reports that support evidence-based planning, monitoring, and evaluation.

Programme Curriculum

Sustainable Development Goals (SDG) Indicators Training Course

Introduction

The Sustainable Development Goals (SDGs) represent a global agenda to eradicate poverty, reduce inequality, and promote sustainable economic growth while protecting the environment. Monitoring and evaluating progress toward these goals requires a robust understanding of SDG indicators, data collection methodologies,

and reporting frameworks. Sustainable Development Goals (SDG) Indicators Training Course equips participants with practical skills to measure, analyze, and report SDG indicators effectively, ensuring data-driven decision-making at both national and organizational levels. Participants will gain insights into the latest trends in sustainable development, statistical modeling, and international reporting standards.

The course emphasizes the integration of advanced data analysis, digital tools, and case studies to provide actionable insights into SDG implementation. Participants will learn to link SDG indicators with policy development, program evaluation, and resource allocation, ensuring alignment with the United Nations' 2030 Agenda for Sustainable Development. By the end of the course, participants will be capable of designing indicator frameworks, interpreting complex datasets, and generating reports that support evidence-based planning, monitoring, and evaluation.

Course Objectives

1. Understand the global framework and importance of Sustainable Development Goals.
2. Identify and classify SDG indicators across sectors and themes.
3. Develop skills in collecting, managing, and analyzing SDG-related data.
4. Utilize statistical tools for SDG monitoring and reporting.
5. Apply digital solutions for real-time data tracking and visualization.
6. Design SDG indicator dashboards for informed decision-making.
7. Interpret SDG data for policy development and program evaluation.
8. Evaluate SDG progress at local, national, and global levels.
9. Implement best practices in SDG data quality assurance and validation.
10. Integrate gender, equity, and environmental considerations in SDG reporting.
11. Conduct SDG baseline assessments for project planning.
12. Learn lessons from successful SDG implementation case studies.
13. Communicate SDG progress effectively to stakeholders using evidence-based reporting.

Organizational Benefits

- Improved SDG reporting capabilities.
- Enhanced evidence-based decision-making.
- Strengthened monitoring and evaluation frameworks.
- Capacity building in sustainable development strategies.
- Enhanced alignment with international reporting standards.
- Increased efficiency in data collection and analysis.
- Greater stakeholder engagement through transparent reporting.

- Ability to identify gaps and areas for improvement in SDG implementation.
- Support for strategic planning and policy design.
- Strengthened organizational reputation in sustainability initiatives.

Target Audiences

1. Government policymakers and planners
2. Development sector professionals
3. Data analysts and statisticians
4. Program managers for sustainability projects
5. Academic researchers in development studies
6. NGO practitioners working on SDGs
7. International development consultants
8. Corporate social responsibility managers

Course Duration: 10 days

Course Modules

Module 1: Introduction to Sustainable Development Goals

- Overview of the 17 SDGs and their targets
- Historical context and global adoption
- Role of SDGs in national development planning
- Key SDG frameworks and guidelines
- Introduction to SDG indicators
- Case study: Successful SDG adoption in Rwanda

Module 2: SDG Indicator Classification and Methodologies

- Types of indicators: outcome, output, input, and impact
- Sector-specific indicators
- Data sources and quality considerations
- Indicator selection criteria
- Challenges in indicator harmonization
- Case study: SDG indicators for clean water and sanitation

Module 3: Data Collection Techniques for SDG Indicators

- Surveys and sampling methods
- Administrative data systems
- Remote sensing and geospatial data
- Participatory data collection methods
- Data ethics and privacy
- Case study: Community-based monitoring for SDG 2

Module 4: Data Management and Quality Assurance

- Data cleaning and validation
- Handling missing and inconsistent data
- Data storage and archiving
- Ensuring reliability and accuracy
- Reporting errors and mitigation strategies
- Case study: National SDG data quality improvement program

Module 5: Statistical Tools and Analysis for SDGs

- Descriptive and inferential statistics
- Trend analysis for indicator monitoring
- Correlation and regression analysis
- Visualization techniques
- Using software tools like SPSS, R, and Python
- Case study: Statistical analysis for SDG 8 (Decent Work)

Module 6: SDG Indicator Dashboards and Digital Solutions

- Dashboard design principles
- Data visualization best practices
- Real-time monitoring systems
- GIS integration for spatial indicators
- Automated reporting tools
- Case study: Interactive SDG dashboards for urban planning

Module 7: Linking SDG Data to Policy and Programs

- Evidence-based policy development

- Program evaluation frameworks
- Monitoring SDG-related interventions
- Gap analysis for policy improvement
- Communicating insights to stakeholders
- Case study: Policy impact evaluation in education (SDG 4)

Module 8: Gender, Equity, and Environmental Considerations

- Gender-sensitive SDG indicators
- Social inclusion metrics
- Environmental sustainability indicators
- Intersectionality in SDG reporting
- Mitigating biases in data interpretation
- Case study: Gender-responsive SDG interventions

Module 9: SDG Reporting and Communication Strategies

- Reporting formats and guidelines
- Writing SDG progress reports
- Visual and narrative storytelling
- Engaging multiple stakeholders
- Transparency and accountability in reporting
- Case study: SDG reporting in a municipal context

Module 10: Baseline Assessments and Monitoring Frameworks

- Conducting baseline studies
- Defining benchmarks and targets
- Developing monitoring frameworks
- Indicators for tracking progress
- Midterm and endline evaluations
- Case study: Baseline assessment for SDG 3 (Health)

Module 11: Best Practices in SDG Implementation

- Lessons from global success stories
- Overcoming challenges in SDG adoption

- Collaborative approaches and partnerships
- Scaling interventions for maximum impact
- Continuous learning and adaptation
- Case study: Multi-stakeholder collaboration for SDG 7

Module 12: Innovative Tools for SDG Data Analysis

- Machine learning for SDG prediction
- Big data applications
- AI in population and environmental studies
- Mobile-based data collection solutions
- Advanced visualization tools
- Case study: AI-enabled monitoring for SDG 11

Module 13: International Reporting and Compliance

- UN reporting standards and guidelines
- Voluntary national reviews (VNRs)
- Compliance with international frameworks
- Harmonizing national and global indicators
- Global benchmarking and comparisons
- Case study: Country VNR submission process

Module 14: Evaluation and Impact Assessment

- Evaluating SDG outcomes
- Measuring impact on communities and stakeholders
- Using indicators for continuous improvement
- Cost-benefit and efficiency analysis
- Lessons learned documentation
- Case study: Impact assessment of SDG projects in agriculture

Module 15: Capstone Case Study and Practical Application

- Integrating learnings from all modules
- Designing a comprehensive SDG monitoring plan
- Presenting findings and recommendations

- Peer review and feedback sessions
- Action planning for organizational adoption
- Case study: Comprehensive SDG monitoring project simulation

Training Methodology

- Interactive lectures and discussions
- Hands-on practical exercises
- Case study analysis and group work
- Real-life simulations for indicator tracking
- Use of digital tools and dashboards
- Continuous assessment and feedback

Register as a group from 3 participants for a Discount

Send us an email: info@fineskilltrainingcenter.org or call *+254769199797*

Certification

Upon successful completion of this training, participants will be issued with a globally- recognized certificate.

Tailor-Made Course

We also offer tailor-made courses based on your needs.

Key Notes

a. The participant must be conversant with English.

b. Upon completion of training the participant will be issued with an Authorized Training Certificate

c. Course duration is flexible and the contents can be modified to fit any number of days.

d. The course fee includes facilitation training materials, 2 coffee breaks, buffet lunch and A Certificate upon successful completion of Training.

e. One-year post-training support Consultation and Coaching provided after the course.

f. Payment should be done at least a week before commence of the training, to Fineskill Training Center account, as indicated in the invoice so as to enable us prepare better for you.

Upcoming Scheduled Sessions

Start Date	End Date	Location	Price
23 Nov 2026	04 Dec 2026	Online	$2,000

Start Date	End Date	Location	Price
23 Nov 2026	04 Dec 2026	Physical	$3,000
23 Nov 2026	04 Dec 2026	Physical	$6,000
23 Nov 2026	04 Dec 2026	Physical	$6,000
23 Nov 2026	04 Dec 2026	Physical	$12,000
23 Nov 2026	04 Dec 2026	Physical	$9,000
23 Nov 2026	04 Dec 2026	Physical	$12,000
23 Nov 2026	04 Dec 2026	Physical	$12,000

Ready to enroll or request a customized program? Book online or contact us:

Register Online Now

Email: info@fineskilltrainingcenter.com | Website: www.fineskilltrainingcenter.com