Introduction to Models and Standards for Statistical Modernisation

Session 8 : The UNITAR StaTact planning tool

**Building national capacities on
International Standards for Official Statistics
Chisinau 19-21 September, 2022**

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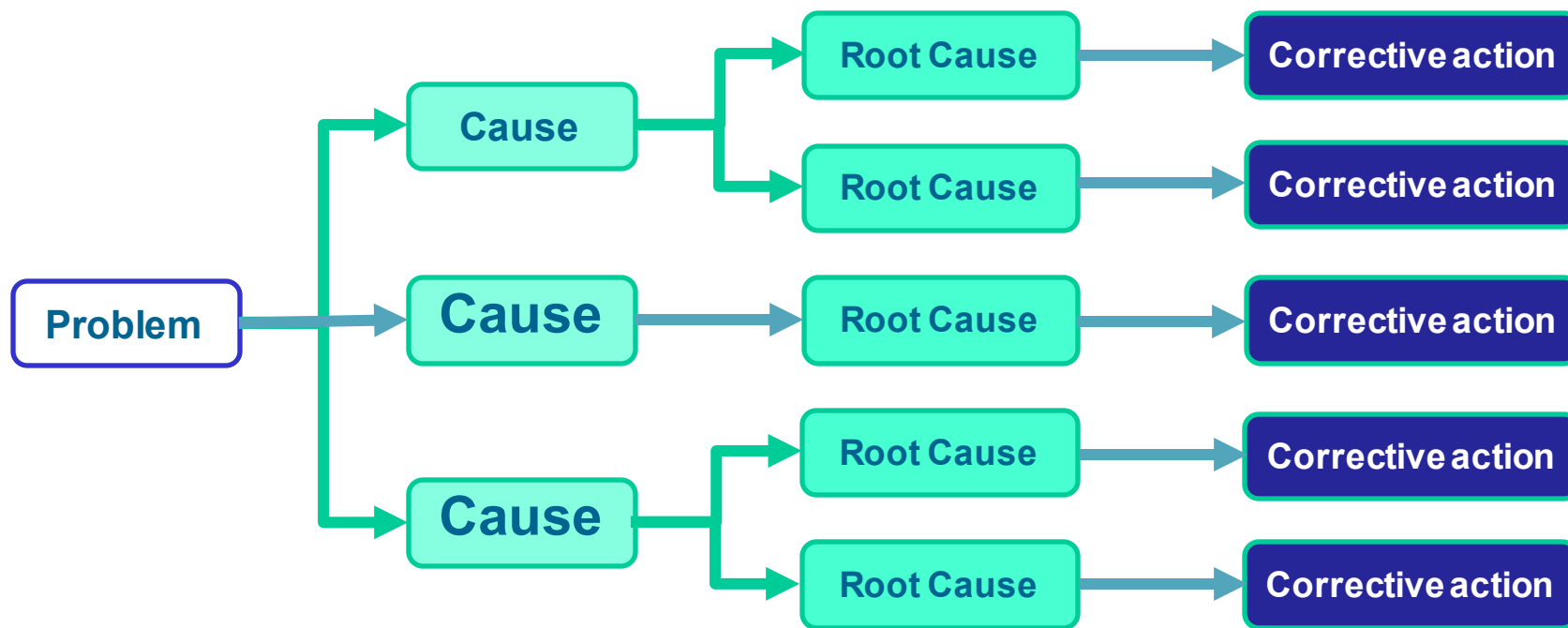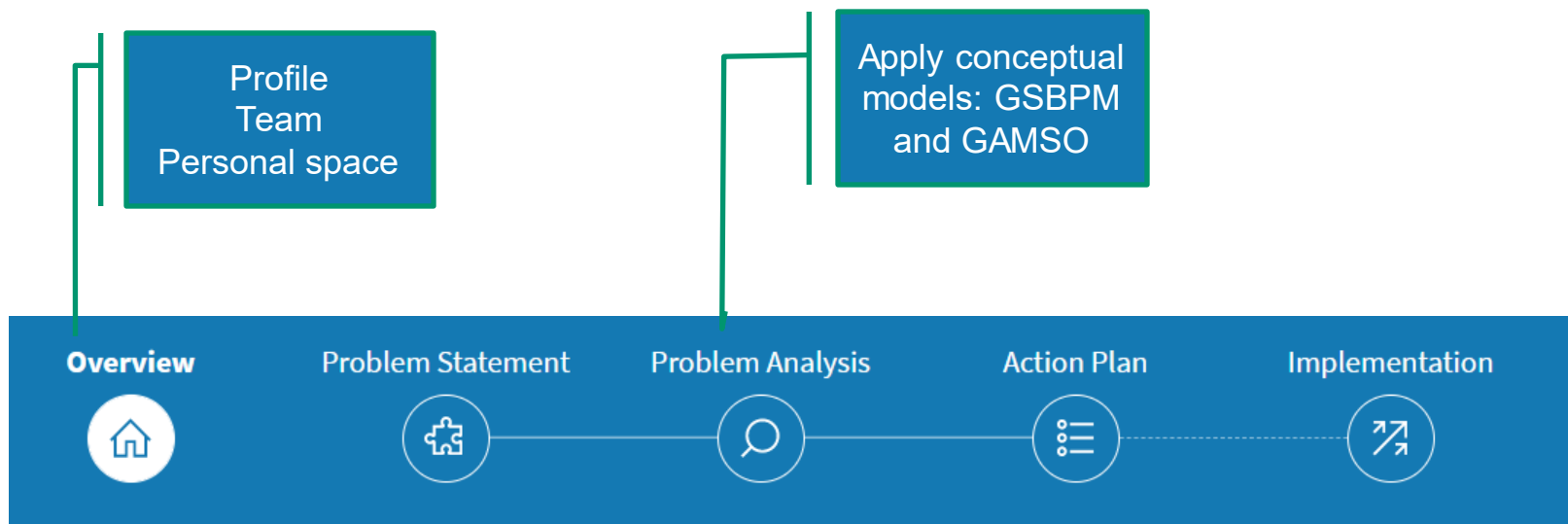
1. What is StaTact?

1. StaTact enables countries to address measurement gaps that impede monitoring national policies and to resolve problems tactically.
2. Developed in 2020 by UNITAR and UN Statistics Division.
3. Provides an analytical framework and a multi-stakeholder methodology.
4. Facilitates design of a short-term action plan.
5. Bring togethers data producers and users to help them achieve their goals.
6. Used by Mexico, Philippines and Grenada, Andean Community, Paraguay, Pacific Island and Caricom (planned).

StaTact – Problem tree approach

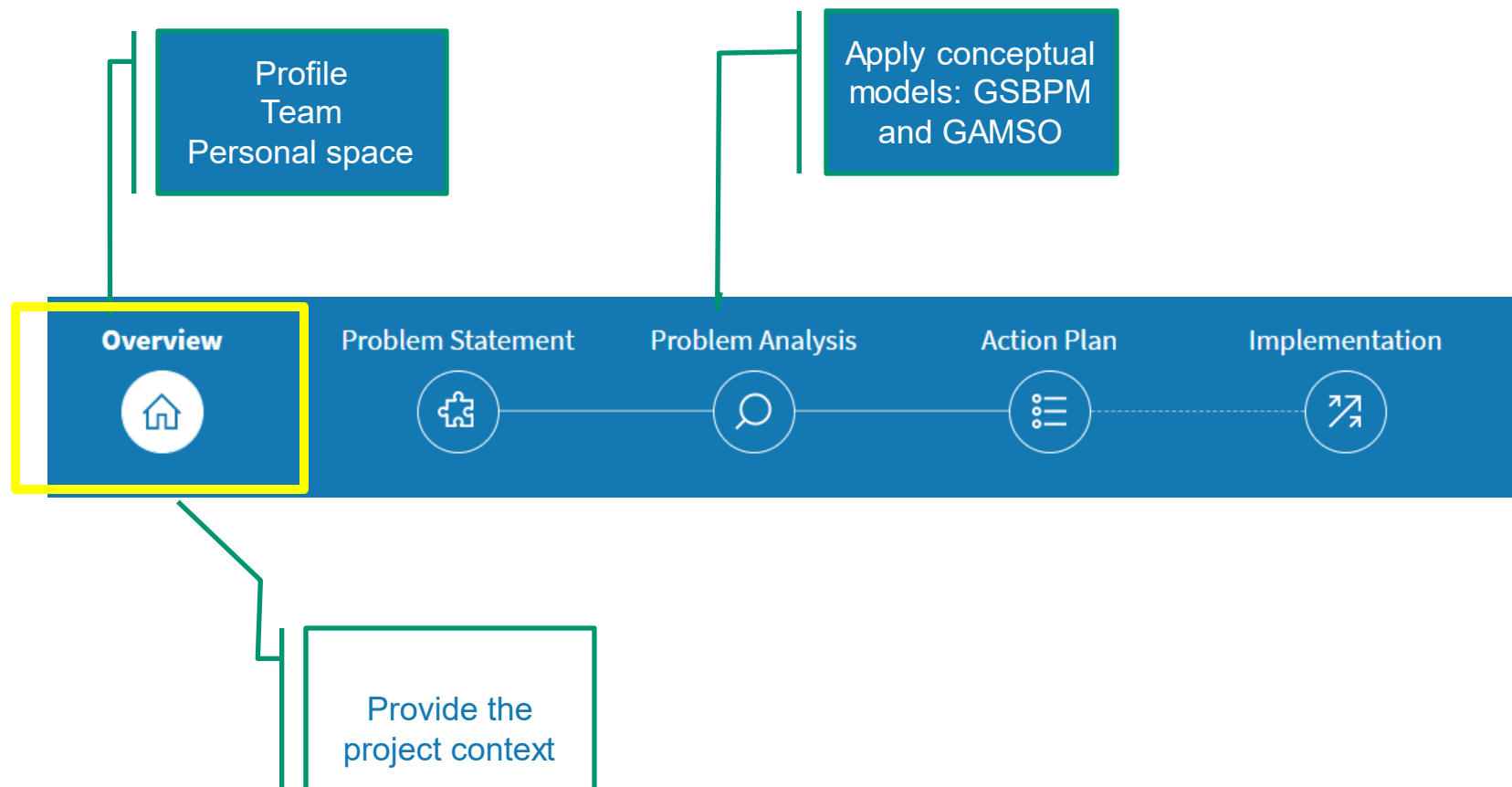Problem → Cause → Root Cause → Corrective action (tree diagram)

Consultative process

The StaTact workflow

Profile
Team
Personal space

Apply conceptual models: GSBPM and GAMSO

Overview

Problem Statement

Problem Analysis

Action Plan

Implementation

1. The Overview

Workflow – The Overview

Profile
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Apply conceptual
models: GSBPM
and GAMSO

Overview	Problem Statement	Problem Analysis	Action Plan	Implementation

Provide the
project context

The Overview - features

▾ Key Notes ⓘ

▾ Key Documents ⓘ

▾ Project Team ⓘ

Project

Member

Latest Discussions

Trevor Fletcher 3 months ago   [Problem Statement ›]

use amazon

Geoffrey Greenwell 3 months ago   [Problem Statement ›]

Fred Bombeck has some experience on using these scanning data and
hsa developed some quality control routines. Might want to call him and
see if he can partiipate

Latest Changes

Miguel Duarte 1 month ago   [Problem Analysis ›]

Removed the Platform indicator "11.3.1"

Miguel Duarte 1 month ago   [Problem Analysis ›]

Added the SDG indicator "11.3.1"

Elena Proden 1 month ago   [Problem Analysis ›]

Removed the National indicator ""

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2. The Problem Statement

Workflow – The Problem Statement

Profile
Team
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Apply conceptual
models: GSBPM
and GAMSO

Overview

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Clearly articulate
the problem
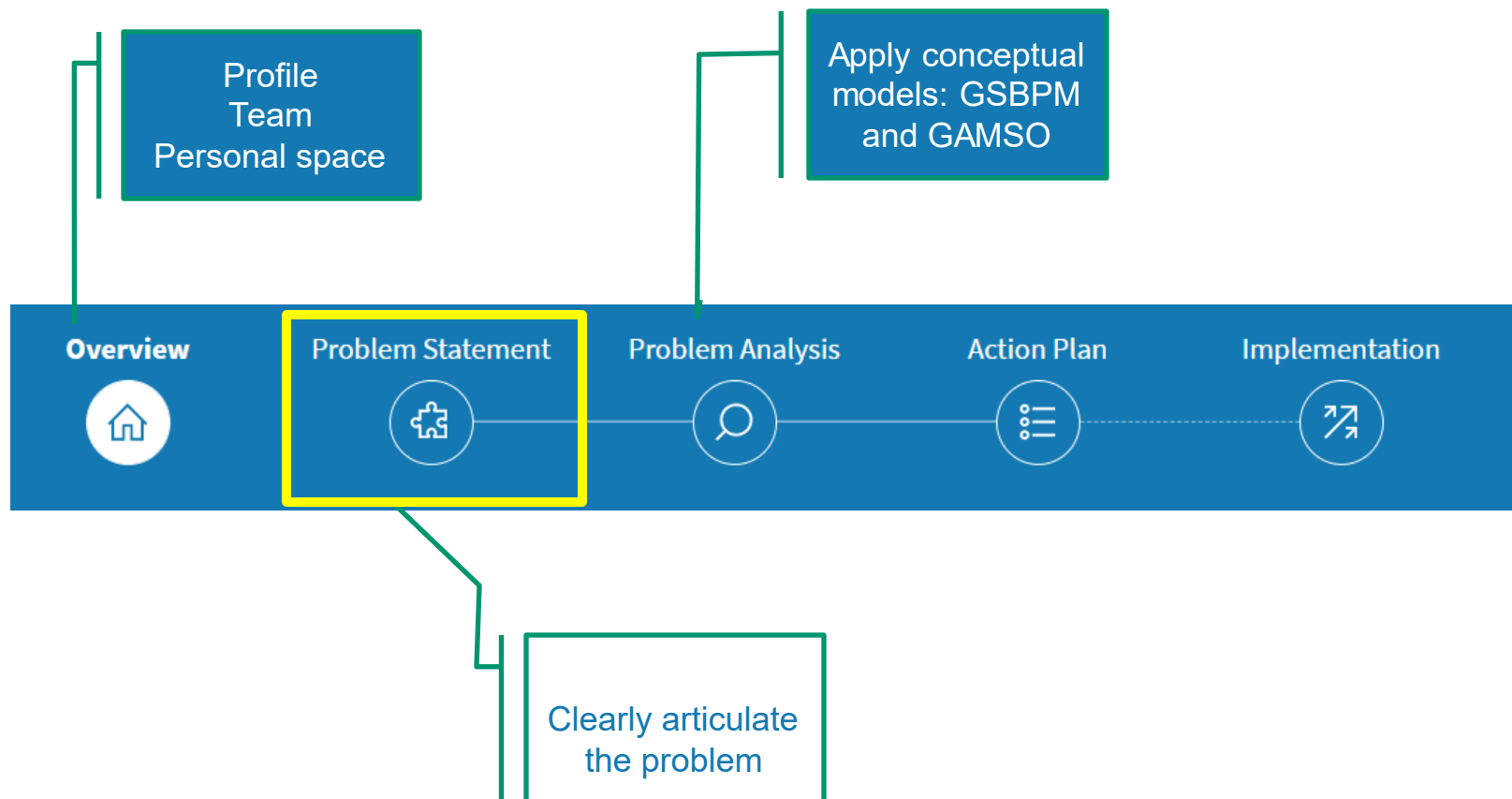
Problem Statement

Problem Statement - features

UNECE

Problem and Business Case ⓘ

Problem

| B | I |

Less than 10% of the educational institutions return the annual educational statistical questionnaire by the stated due date. This affects the ability of the Ministry of Education to make timely data-driven decisions.

What is the problem → **Why is it important to solve**

The timely submission of reliable, and relevant data will help improve analysis and design better targeted interventions to enhance learning outcomes. It will also enable a more efficient allocation of resources and a more effective and impactful programming.

Who is interested?

Stakeholders ⓘ

Name		
National Statistics Office	🗑	✏
Ministry of Education	🗑	✏
School Heads	🗑	✏
Schools Association	🗑	✏
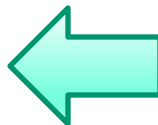
3. Problem Analysis

Workflow – Problem Analysis

Profile
Team
Personal space

Apply conceptual
models: GSBPM
and GAMSO

| Overview | Problem Statement | Problem Analysis | Action Plan | Implementation |

Identify problem
and causes
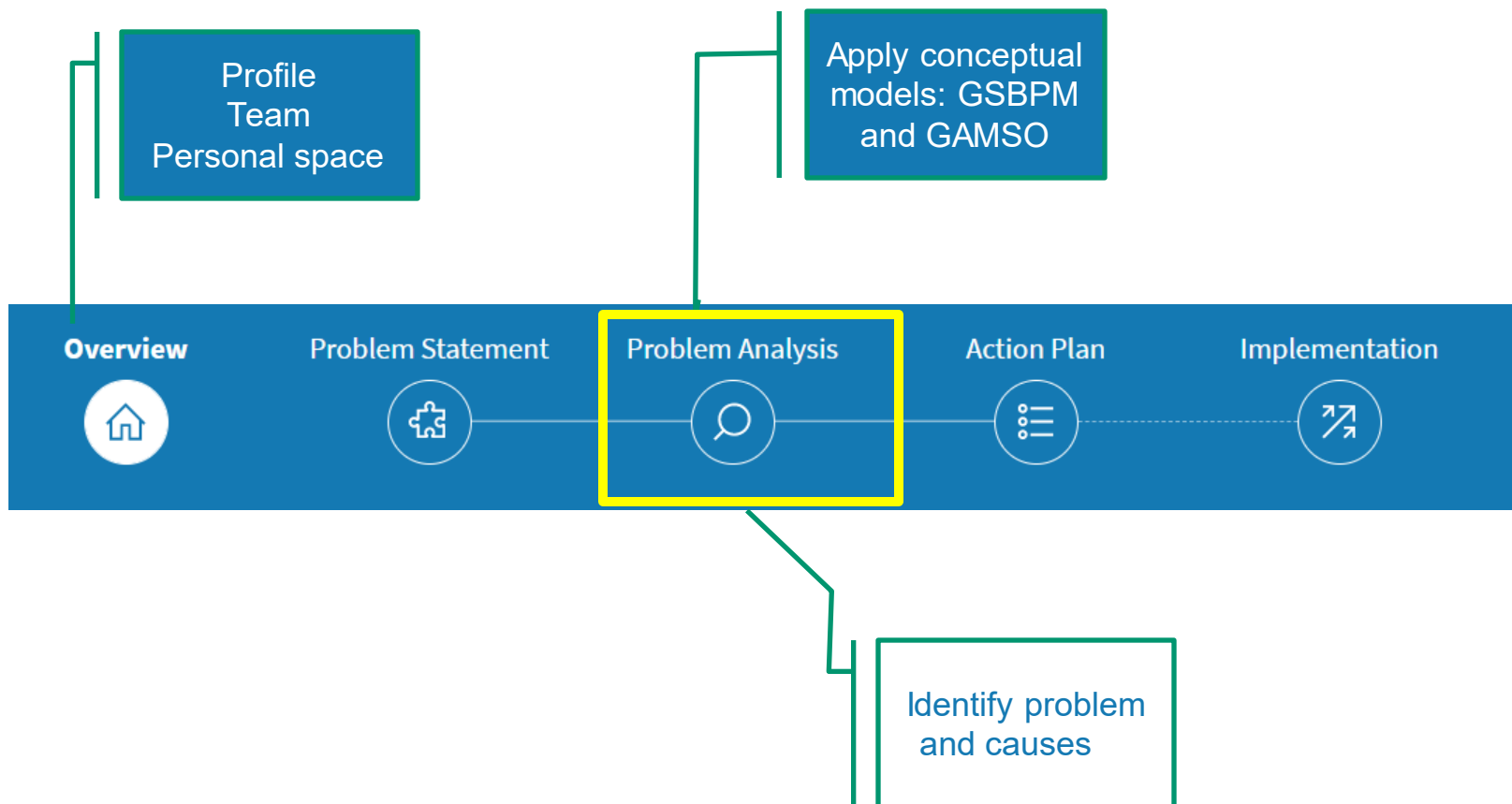
Problem Analysis

Relevant Indicators ⓘ

What key indicators will benefit from the resolution of the problem.
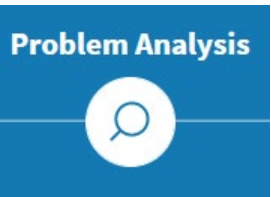
Consulta : CEPLAN

Problem Analysis

Causes Identification ⓘ

| GSBPM Data Ecosystem | GAMSO Governance |

Participation rate of you education and traini
Annual ed

Primary Process Weakness and Cause		Agencies
Design | Design variable descriptions The questionnaire is too long and too technical.	✎	• Nation Main Ag • Ministr
Collection | Set up collection The questionnaire sent and the deadline set during the busiest time of the year.	✎	• Ministr Main Ag
Collection | Run collection Varying levels of interest and differences	✎	• Ministr

Causes Identification ⓘ

| GSBPM Data Ecosystem | **GAMSO Governance** |

SDG Indicators 4.3.1
Participation rate of youth and adults in formal and non-formal education and training in the previous 12 months, by sex
Annual educational statistical questionnaire

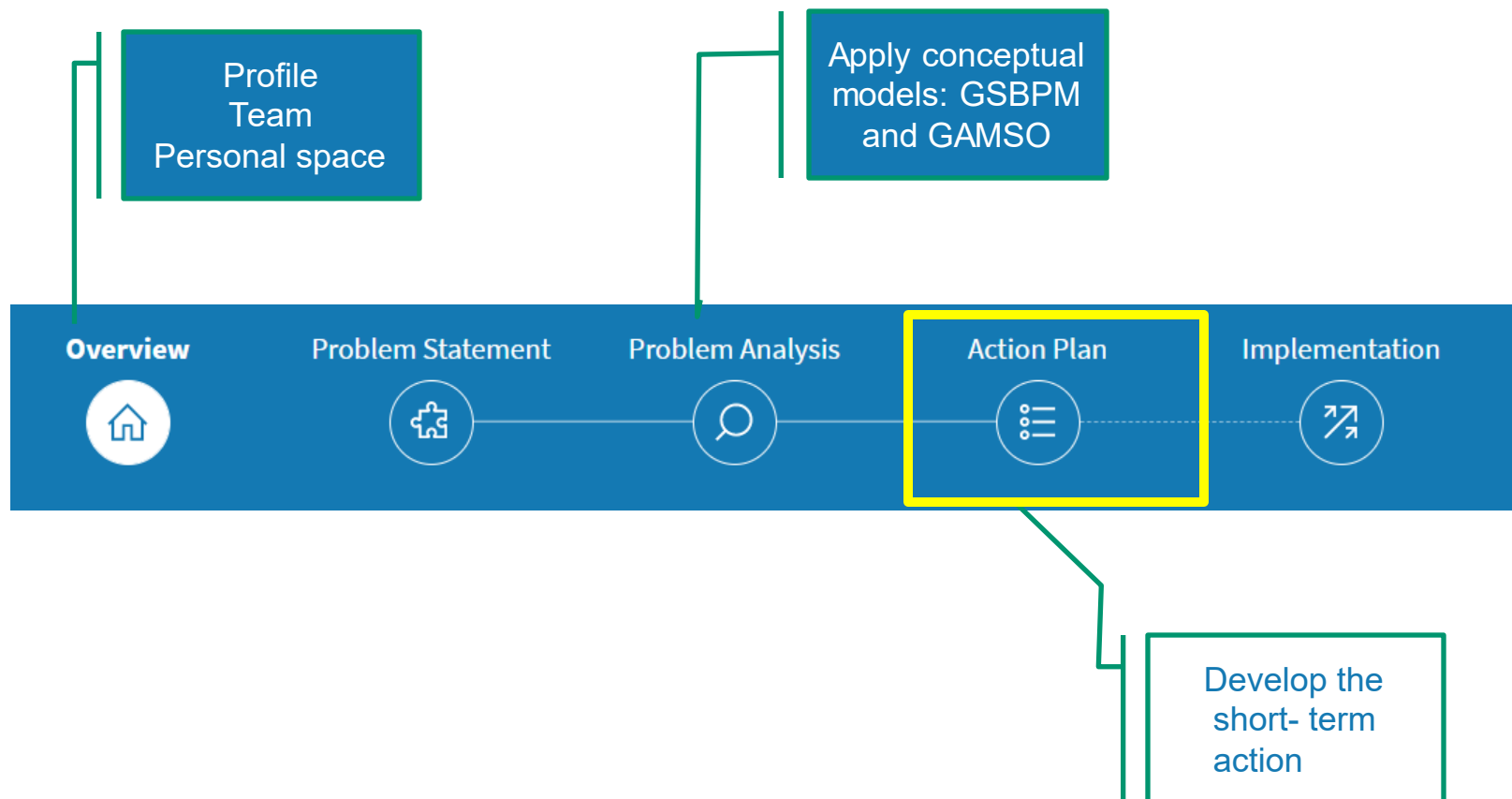| Primary Process Weakness and Cause		Agencies	Priority	Included	Solutions
Capability development | Develop capability improvements Lack of awareness among school heads to better respond to the questionnaire.	✎	• Ministry of Education Main Agency • National Statistics Office • School Heads	High	✓	• A meeting with school masters to increase their awareness on the importance and benefits of quality data from the questionnaire.
Corporate support | Manage data suppliers Lack of communication between Ministry of Education and schools.	✎	• Ministry of Education Main Agency • School Heads	High	✓	• A joint calendar to be developed by the Ministry of Education and Schools.

4. The Action Plan

Workflow – The Action Plan

Profile
Team
Personal space

Apply conceptual models: GSBPM and GAMSO

| Overview | Problem Statement | Problem Analysis | Action Plan | Implementation |

Develop the short- term action

Action Plan - Overview of activities

Overview | List | Timeline | Table

▾ Indicator of Achievement ⓘ

Name

Share of the educational institutions return the annual educational statistical questionnaire by the stated due date in the coming year.

Target

95%

▾ Working Group ⓘ

Working Group Name

Data for quality education

Agency	Role	Focal Point
Ministry of Education Group Leader	Data producer and user	Virginia Green

Action Plan - Manage key solution parameters

Action Plan

Manage your key solution parameters

- Specific action plan
- Performance indicators
- Implementation period
- Responsible party
- Specific budget

| Overview | **List** | Timeline | Table |

StartDate	Duration	End Date				25,000$
28 Aug 2019	**184 days**	**27 Feb 2020**				

		Indicator	Time Period	Responsible	Budget
▼ **Cause of Problem** The questionnaire is too long and too technical.					
▼ **Solution** Questionnaire revised by the Ministry of Education with support from NSO.	+ /	Updated questionnaire with less and/or shorter questions, and terminology explained/replaced by colloquial language equivalents. Yes	**155 days** 28 Aug 2019 to 29 Jan 2020	**National Statistics Office**	10,500$
▼ **Action** Revise the variables.	+ /		**62 days** 28 Aug 2019 to 28 Oct 2019	**Ministry of Education**	10,500$

Action Plan - Calendar of activities

Action Plan

UNECE

| | Overview | List | Timeline | Table |

StartDate
28 Aug 2019

Duration
184 days

End Date
27 Feb 2020

Total Budget
25,000$

	2019						2020	
	July	August	September	October	November	December	January	Febr
▼ **Cause of Problem** The questionnaire is too long and too technical.								
▼ **Solution** Questionnaire revised by the Ministry of Education with support from NSO. [+] [✎]			from 28 Aug 2019 to 29 Jan 2020					
▼ **Action** Revise the variables. [+] [✎]			from 28 Aug 2019 to 28 Oct 2019					
Task Reduce the number of variables. [✎]			from 28 Aug 2019 to 29 Jan 2020					
Task Update or improve variable [✎]			from 28 Aug 2019 to 29 Jan 2020					

Assign tasks
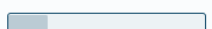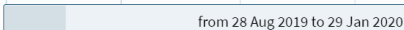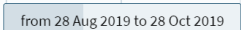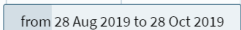
5. Implementation

Workflow – Implementation

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Overview	Problem Statement	Problem Analysis	Action Plan	Implementation

Monitor
progressof the
project
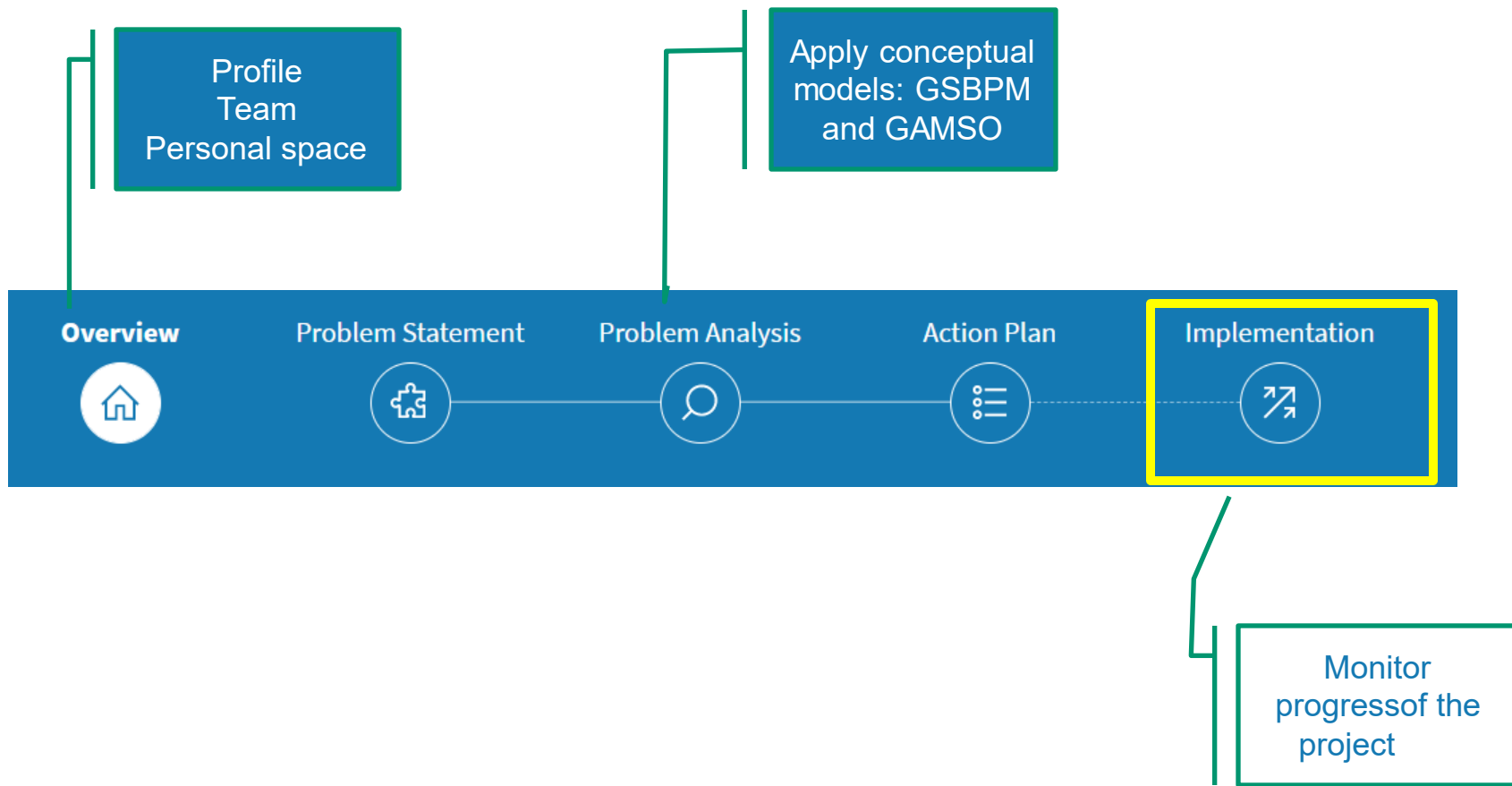
Implementation - features

Task					
Task Reduce the number of variables.	✏️		**62 days** 28 Aug 2019 to 28 Oct 2019	👤 Virginia Green	Progress: 60% In Progress	Low
Task Update or improve variable descriptions.	✏️		**62 days** 28 Aug 2019 to 28 Oct 2019	👤 Virginia Green 👤 Sebastien Kolb	Progress: 20% In Progress	Normal

▾ **Solution**
Questionnaire revised by the Ministry of Education with support from NSO.

from 28 Aug 2019 to 29 Jan 2020

▾ **Action**
Revise the variables.

from 28 Aug 2019 to 28 Oct 2019

Task
Reduce the number of variables.

from 28 Aug 2019 to 28 Oct 2019

Task
Update or improve

from 28 Aug 2019 to 28 Oct 2019

Monitor the implementation process

-calendar
-specific assignment and responsibility
-monitor progress (aggregate)

Demo

Thank you for your attention….

Q&A