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CLIMATE TRANSPARENCY

United Nations
Climate Change

# Experiences in the design and implementation of NDC tracking tools

## - Mauritius, Belize and other available tools


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gef

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# What can form part of tracking tools

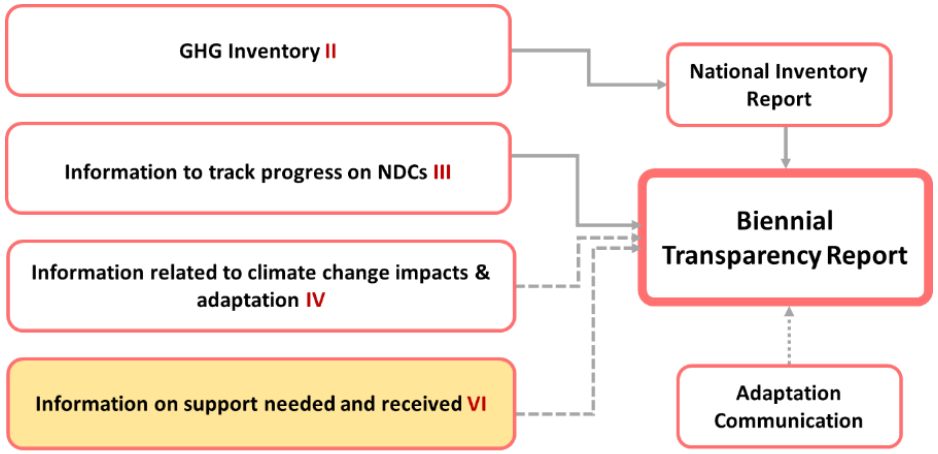
GHG inventory ⟷ NDC target tracking ⟷ Support needed and received

*Indicators*

Policies and Measures

Mitigation | Adaptation

*Indicators*




Source: ICAT, 2019

# Mauritius

## Outcomes

- **Manage the targets and objectives in the NDC** and other key policy documents.
- **Define Qualitative and Quantitative** targets and objectives used to measure progress.
- **Sectors,** geography, stakeholders **classification.**
- **Link to** relevant **Indicators** for measuring the targets and **contributing Interventions**.

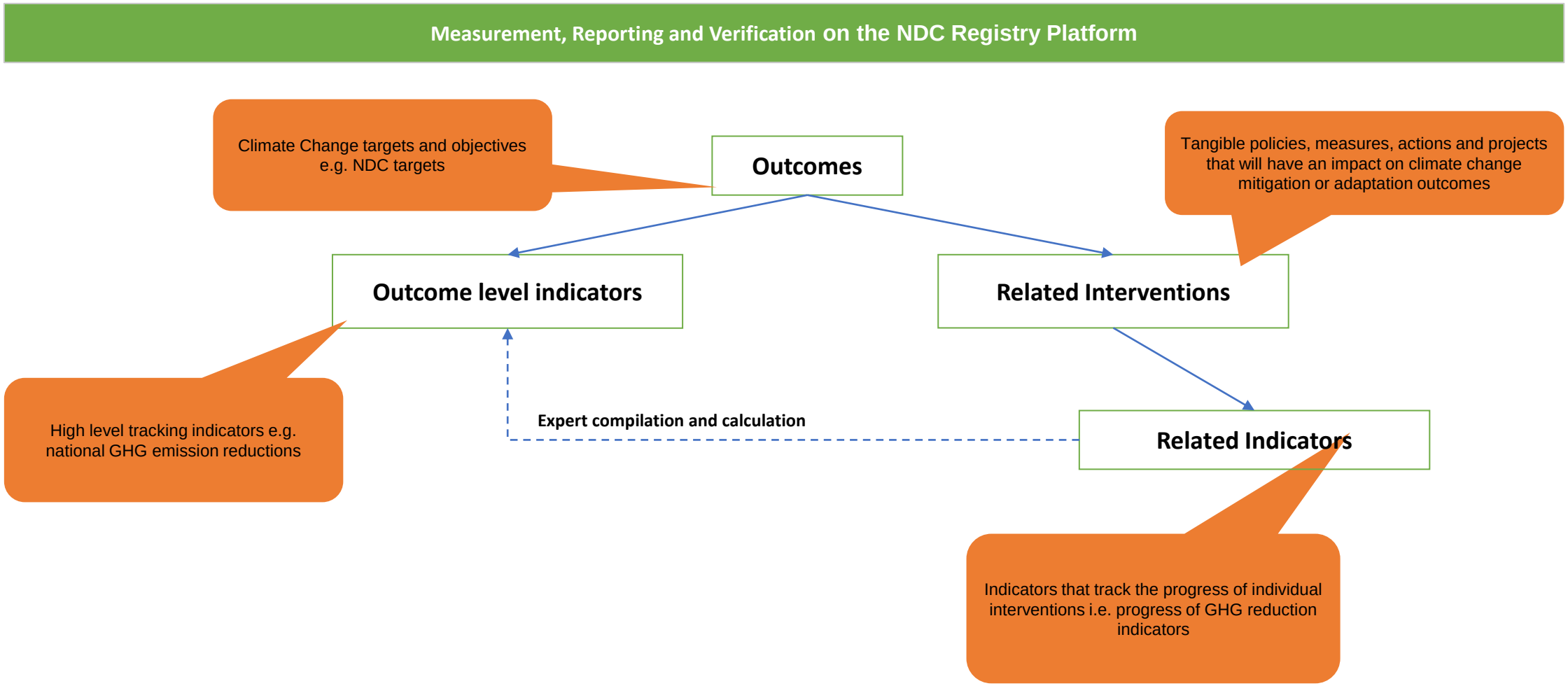
## Intervention

- **Activities to address climate change** (Mitigation and Adaptation)
- Includes **tangible policies, action and projects** used to achieve outcomes such as NDC
- Link to relevant Indicators and Outcomes (e.g., NDC targets) to support **Measurement, Reporting and Verification.**

## Indicators

- **Record information to track progress** with outcomes and Interventions.
- Indicators include **measured/monitored data** (e.g., climate information, estimated data, GHG emissions and emission factors, national statistics among others).
- Linked to Interventions and Outcomes for tracking of progress.. The Indicator entity will enable management of **quantitative target data** (as ex-ante estimates), and progress tracking data (as ex-post data).

# Mauritius MauNDC Registry



# Mauritius MauNDC Registry

## System Admin

**Technical resources with system admin knowledge.**

**Roles**

- Make sure platform runs smoothly
- Provide technical assistance
- Provide onsite full time support to Coordinators

## Coordinators

**Staff within the climate change department.**

**Roles**

- Maintain NDC Registry and generate reports.
- Create users on the system
- Ensure data submitted is complete and accurate

## Thematic Owners

**Focal points in charge of different thematic/ technical working groups.**

**Roles**

- Take ownership of TWG and make sure accurate data is submitted on time.
- Conduct quality control on data submitted
- Update assigned interventions

## Thematic Contributors

**Focal Point Users having technical and thematic knowledge of climate actions and Indicators.**

**Roles**

- Responsible for managing and updating the NDC Registry Platform based on Indicators allocated.

## Verifiers

**Independent users with knowledge of NDC reporting.**

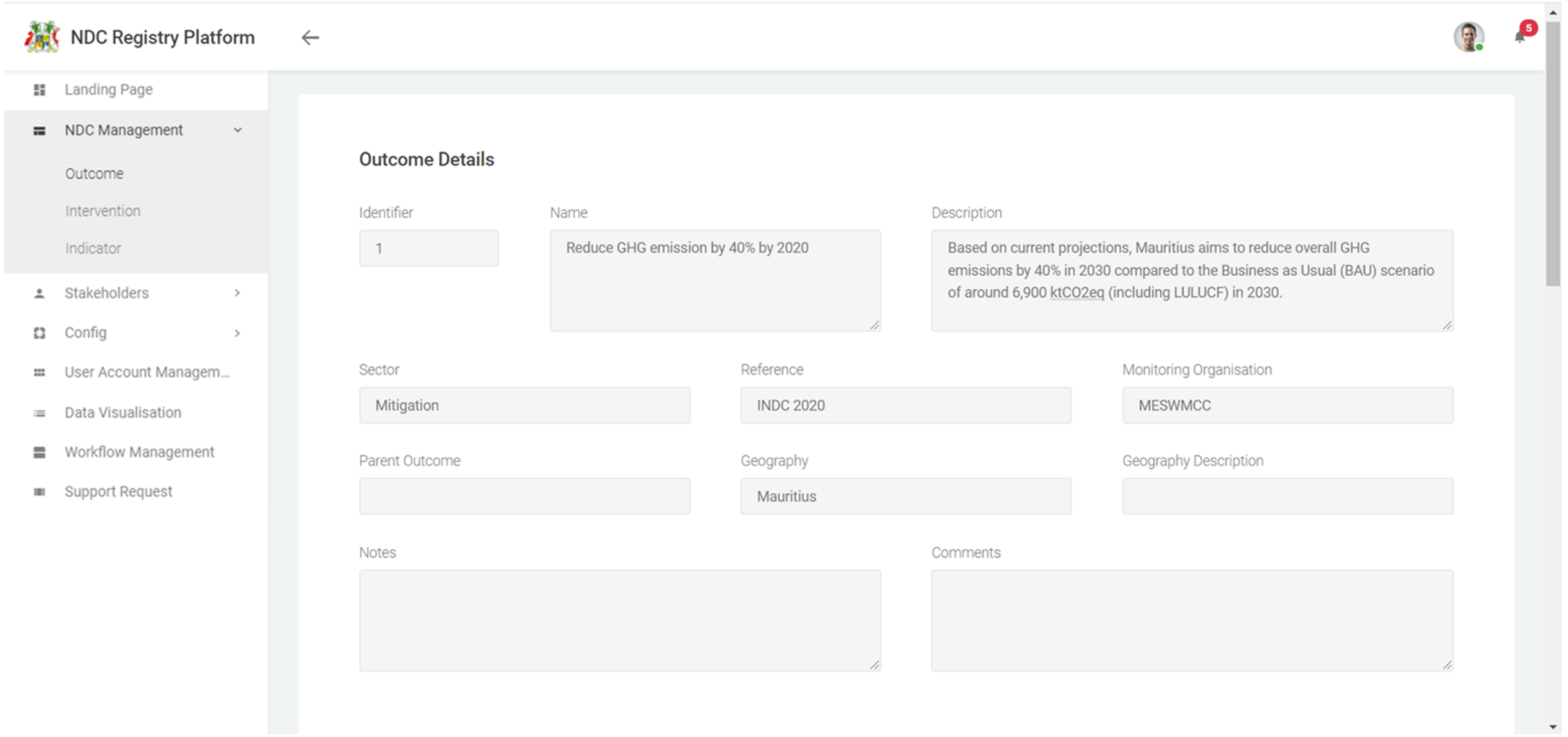
**Roles**

- Conduct Quality Assurance on data submitted on system.

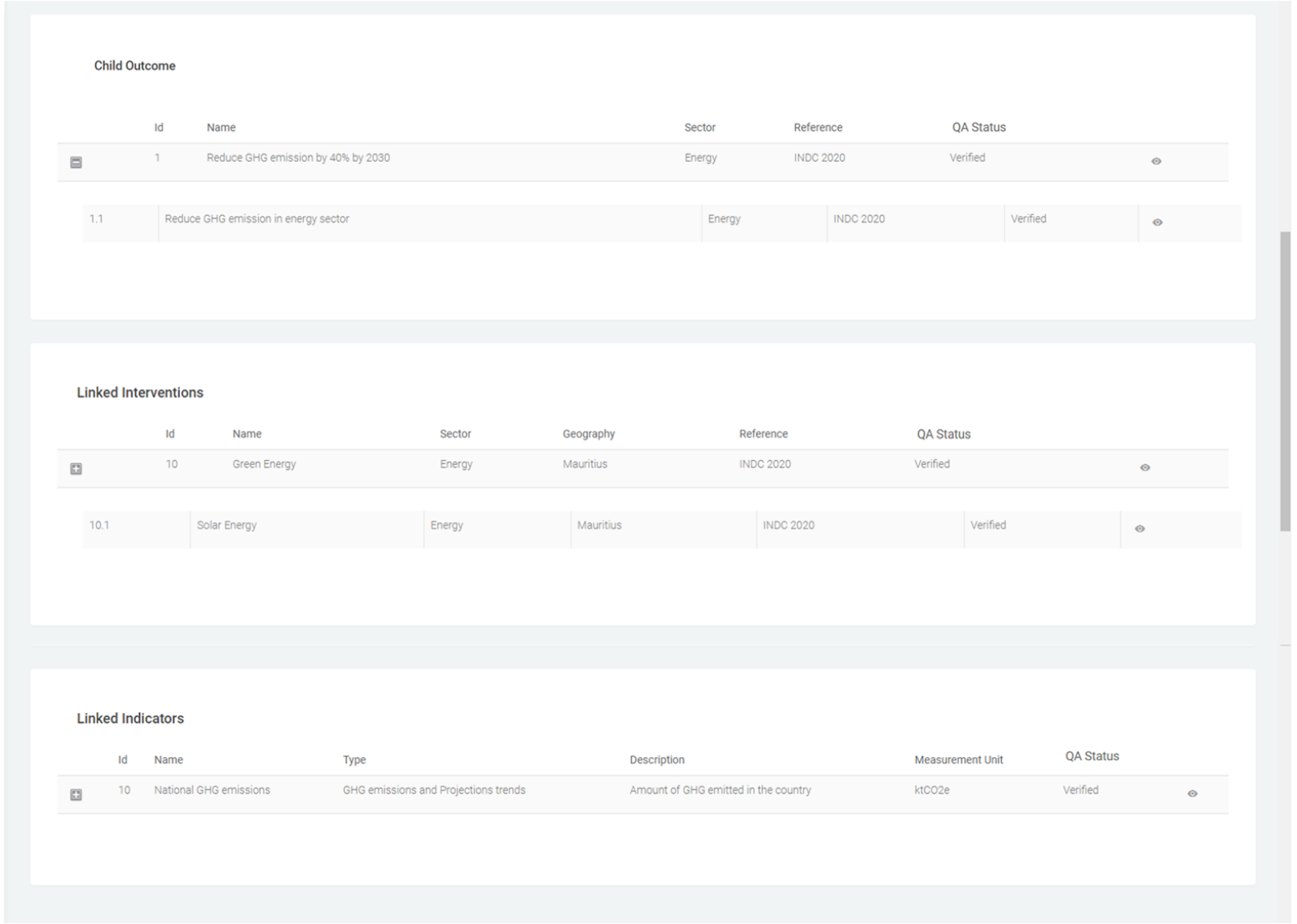
**MOESWMCC**

**External Stakeholders**

# Mauritius MauNDC Registry - Outcome



# Mauritius MauNDC Registry - Outcome



Child Outcome

| Id | Name | Sector | Reference | QA Status |
|---|---|---|---|---|
| 1 | Reduce GHG emission by 40% by 2030 | Energy | INDC 2020 | Verified |
| 1.1 | Reduce GHG emission in energy sector | Energy | INDC 2020 | Verified |

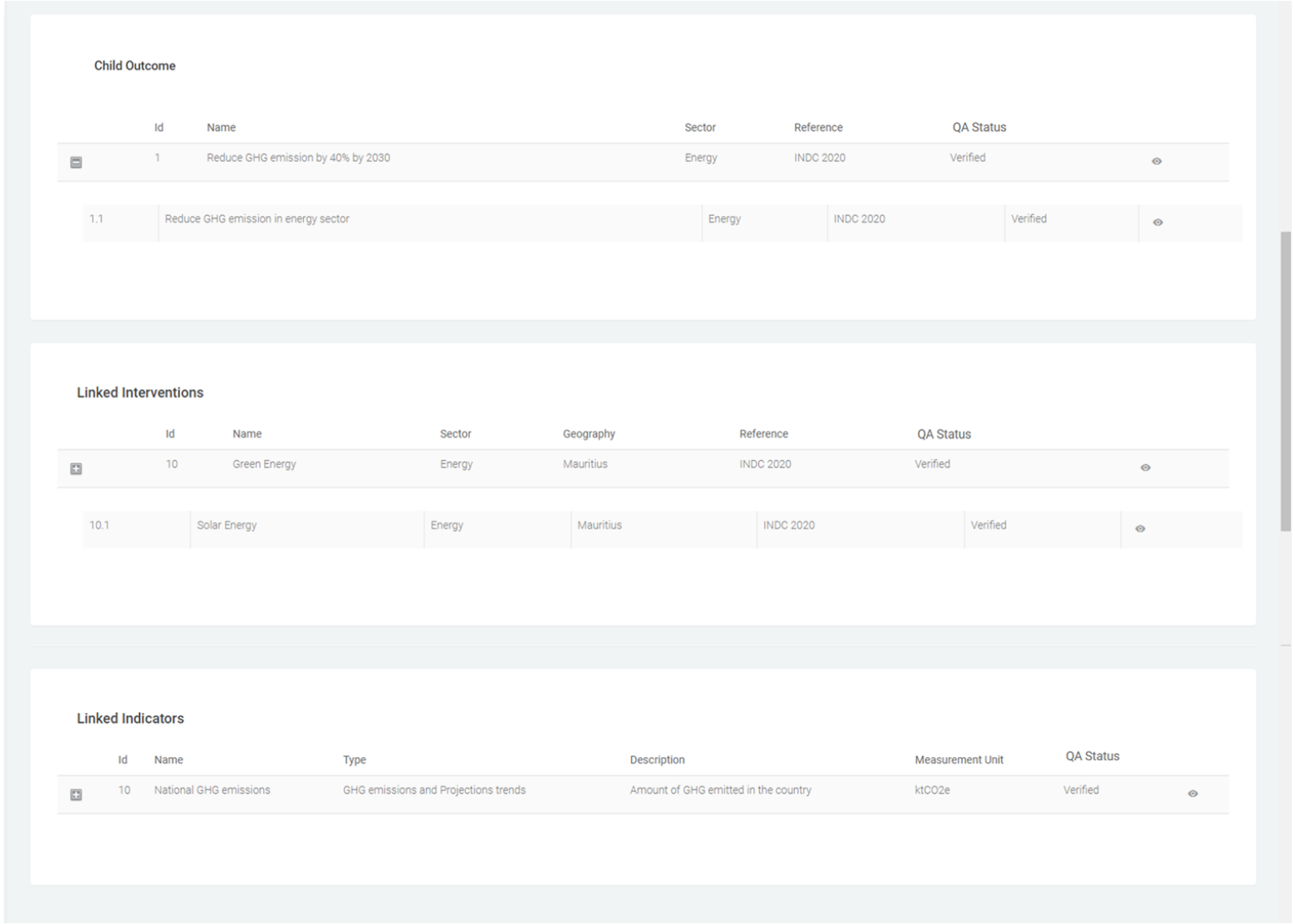
Linked Interventions

| Id | Name | Sector | Geography | Reference | QA Status |
|---|---|---|---|---|---|
| 10 | Green Energy | Energy | Mauritius | INDC 2020 | Verified |
| 10.1 | Solar Energy | Energy | Mauritius | INDC 2020 | Verified |

Linked Indicators

| Id | Name | Type | Description | Measurement Unit | QA Status |
|---|---|---|---|---|---|
| 10 | National GHG emissions | GHG emissions and Projections trends | Amount of GHG emitted in the country | ktCO2e | Verified |

# Mauritius MauNDC Registry - Outcome



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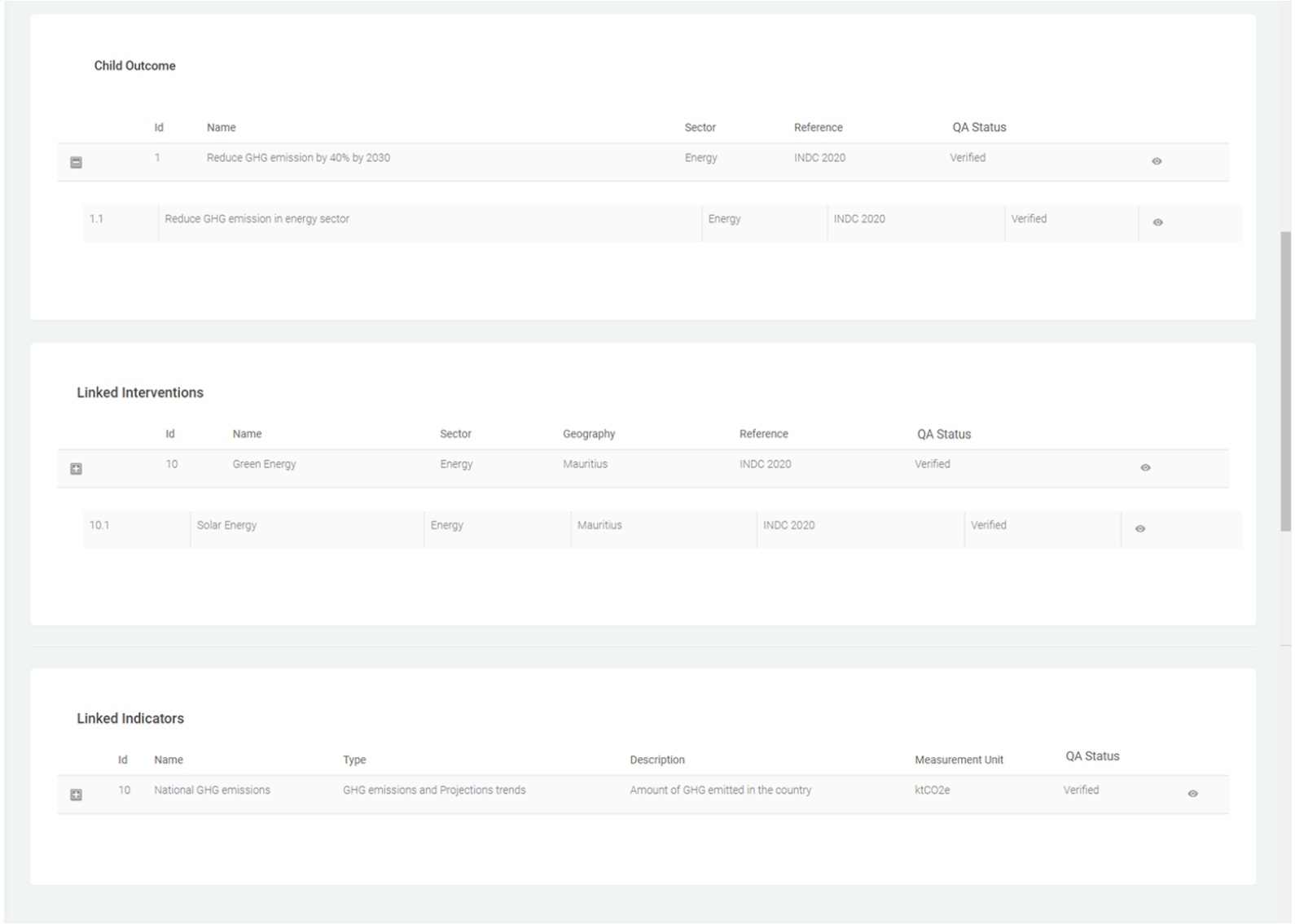

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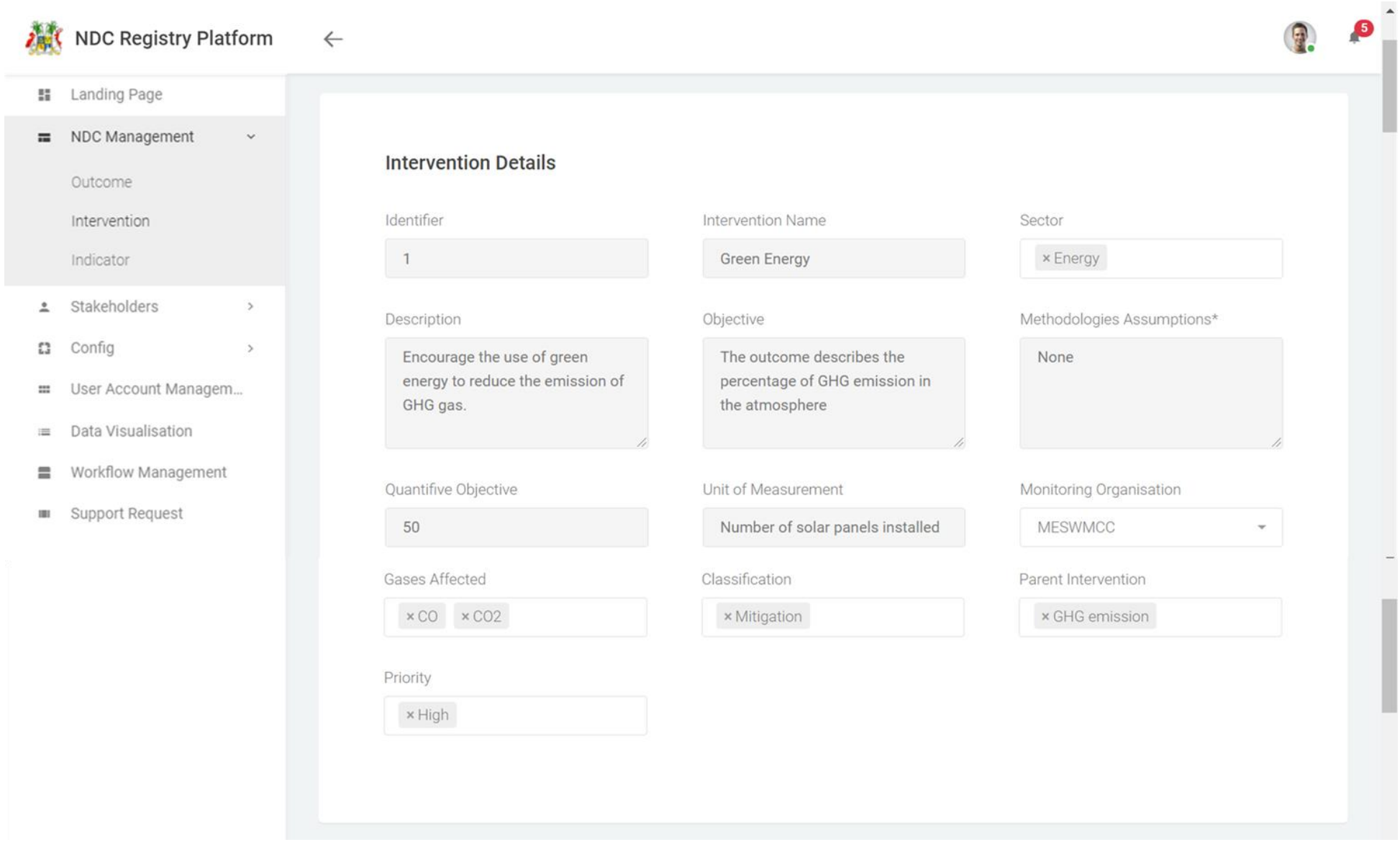
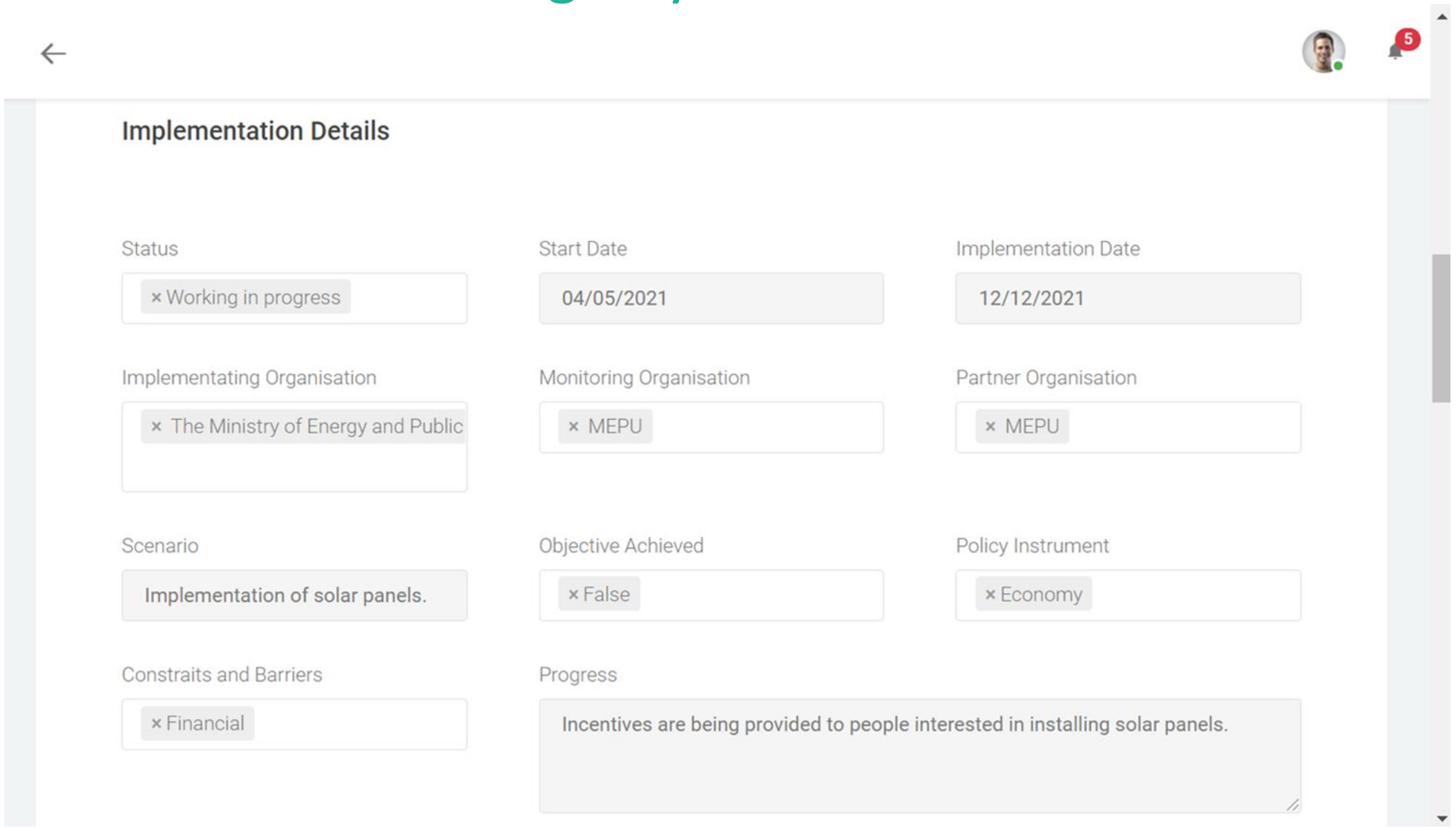


# Mauritius MauNDC Registry - Intervention



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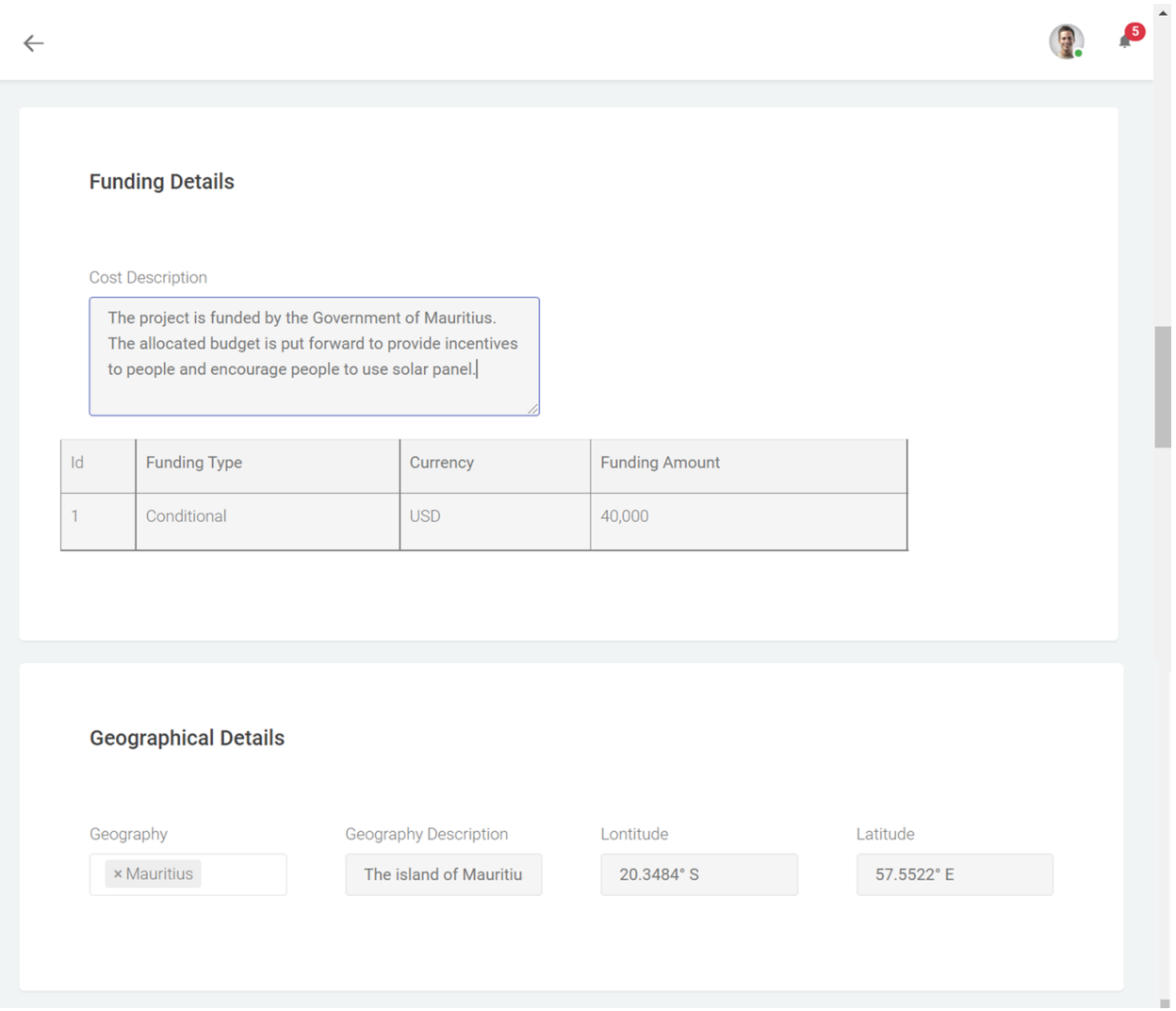


## Funding Details

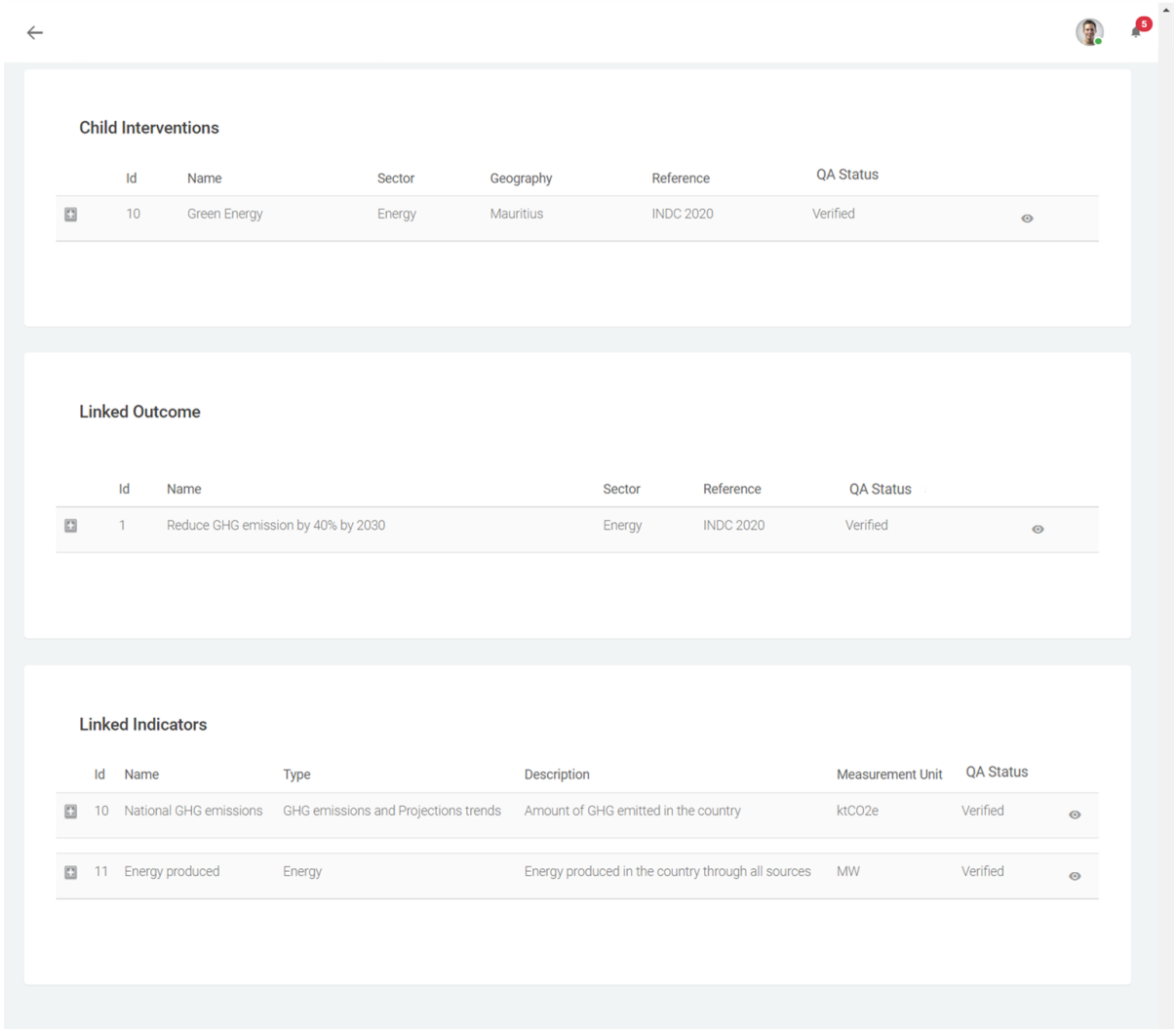
Cost Description

The project is funded by the Government of Mauritius. The allocated budget is put forward to provide incentives to people and encourage people to use solar panel.

| Id | Funding Type | Currency | Funding Amount |
|---|---|---|---|
| 1 | Conditional | USD | 40,000 |

## Geographical Details

| Geography | Geography Description | Lontitude | Latitude |
|---|---|---|---|
| × Mauritius | The island of Mauritiu | 20.3484° S | 57.5522° E |



## Child Interventions

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|---|---|---|---|---|---|---|
| ⊞ | 10 | Green Energy | Energy | Mauritius | INDC 2020 | Verified |

## Linked Outcome

| | Id | Name | Sector | Reference | QA Status |
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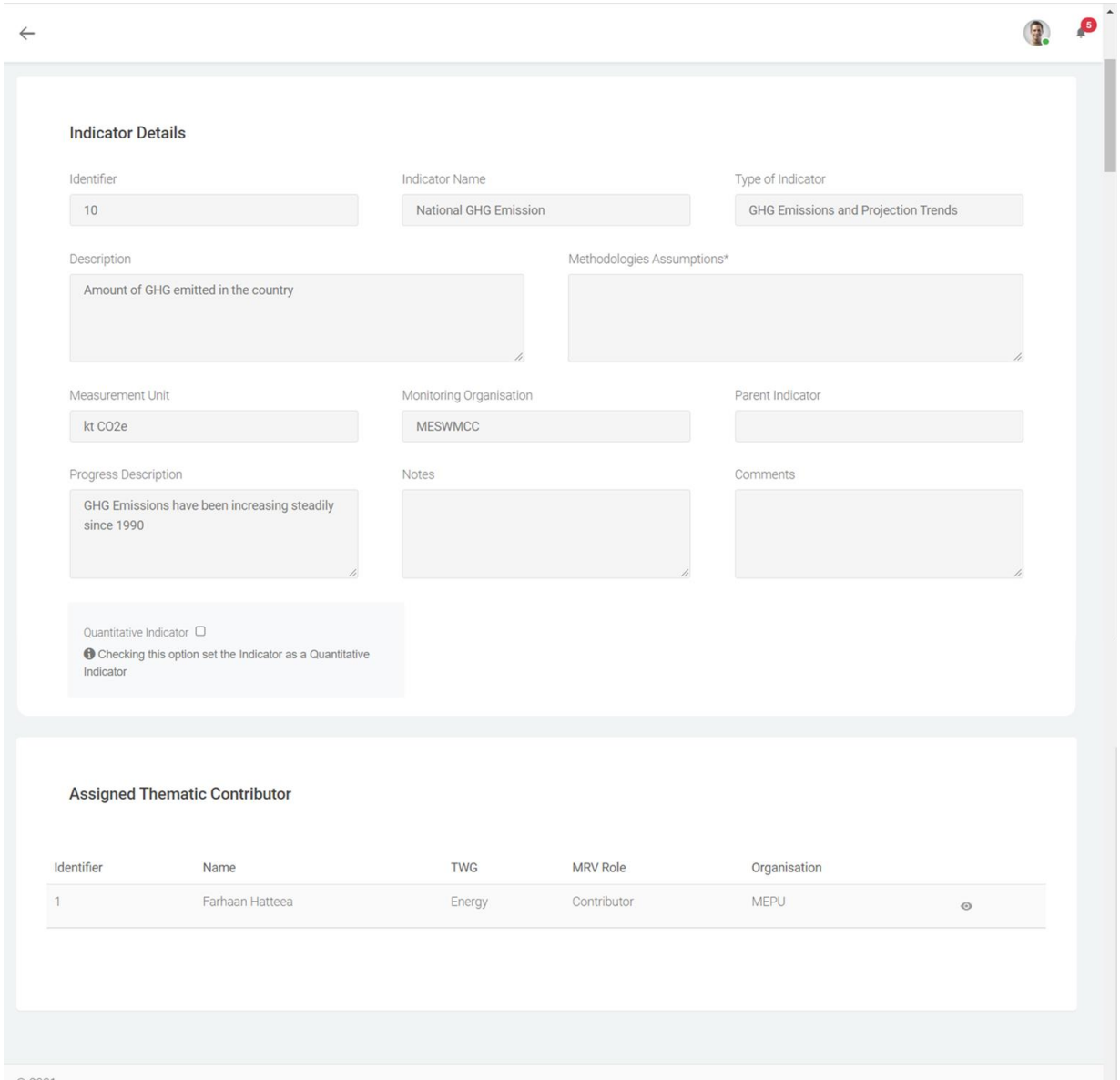
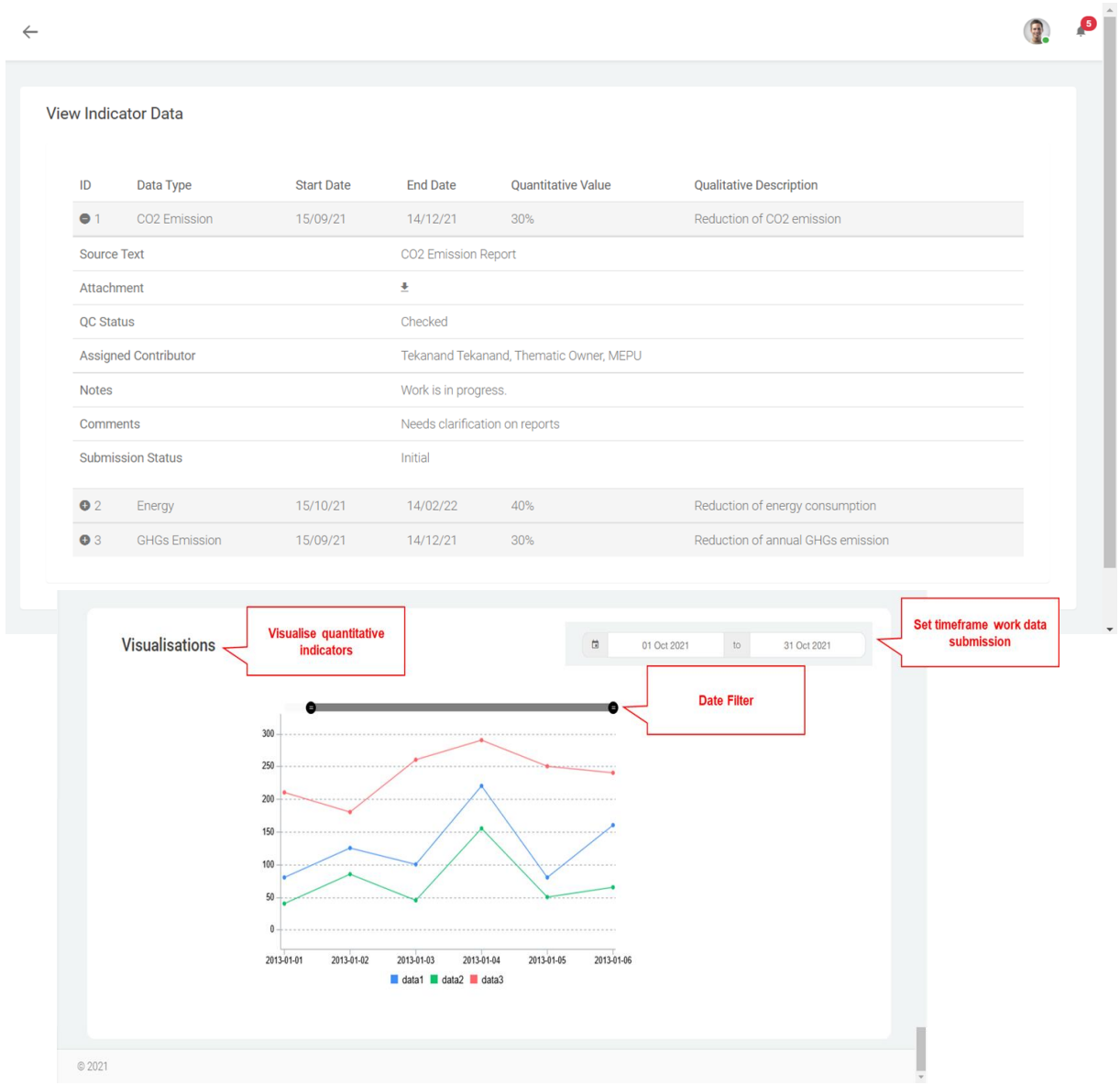
| ⊞ | 1 | Reduce GHG emission by 40% by 2030 | Energy | INDC 2020 | Verified |

## Linked Indicators

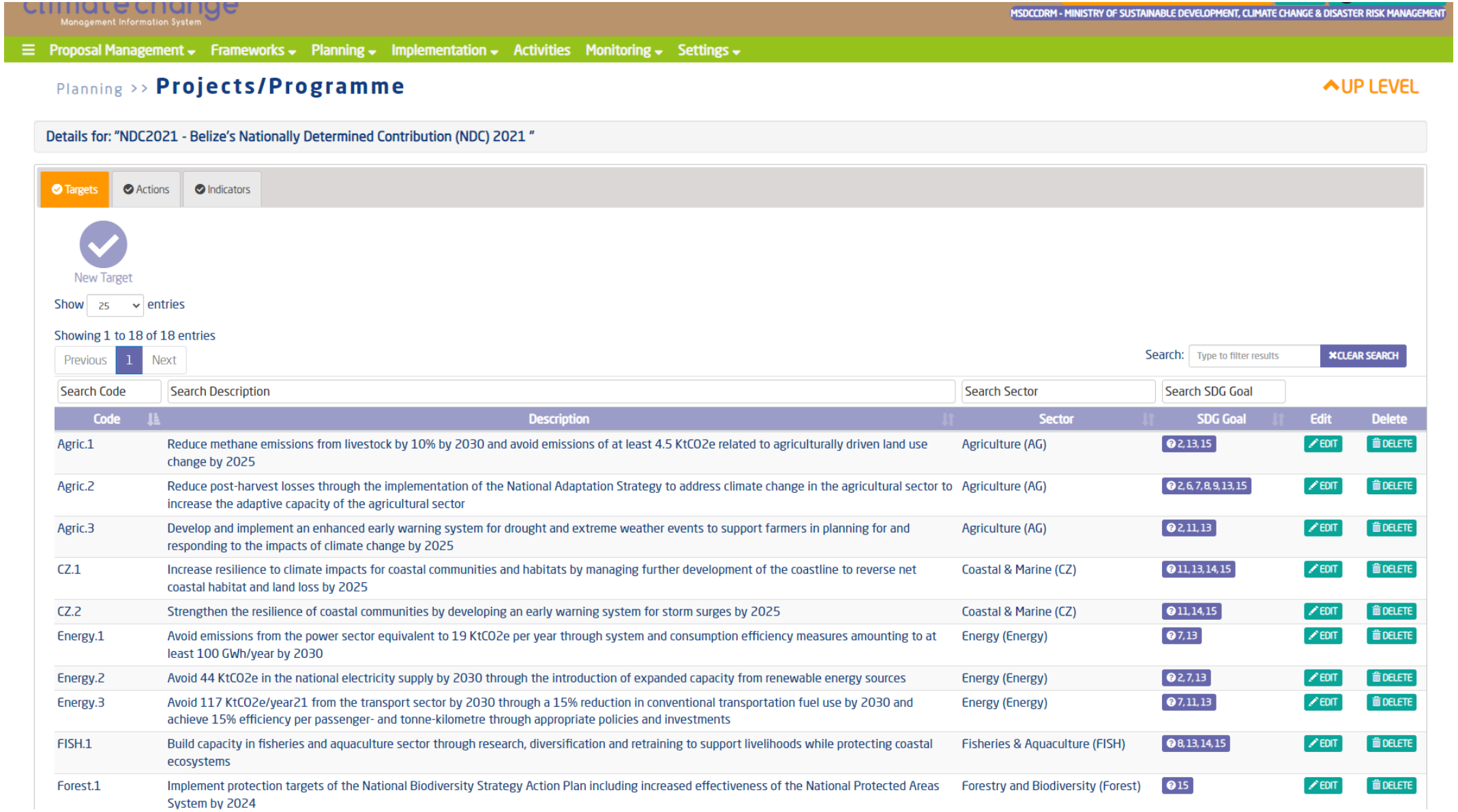
| | Id | Name | Type | Description | Measurement Unit | QA Status |
|---|---|---|---|---|---|---|
| ⊞ | 10 | National GHG emissions | GHG emissions and Projections trends | Amount of GHG emitted in the country | ktCO2e | Verified |
| ⊞ | 11 | Energy produced | Energy | Energy produced in the country through all sources | MW | Verified |

# Mauritius MauNDC Registry - Indicators



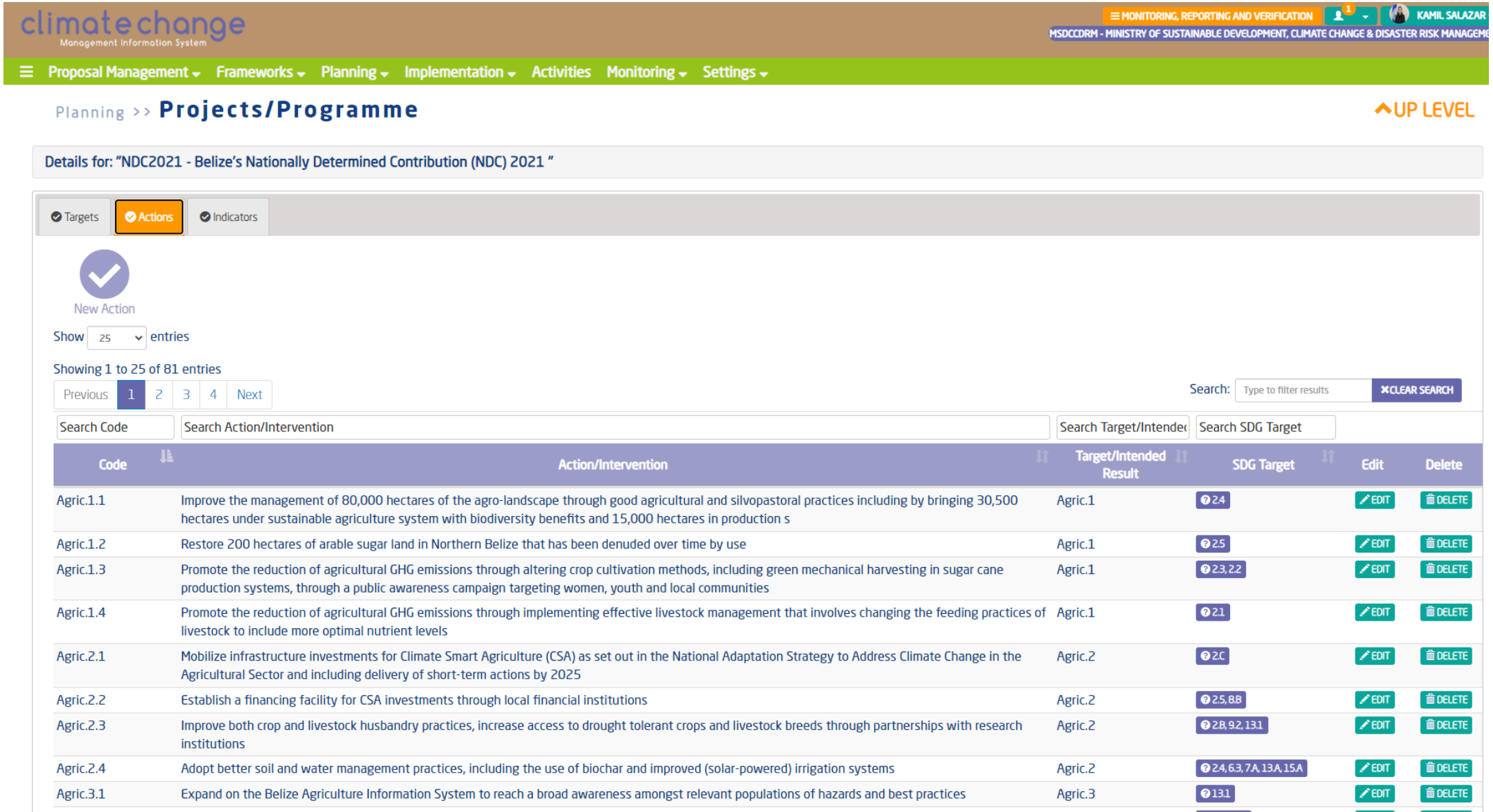



# Belize - Targets

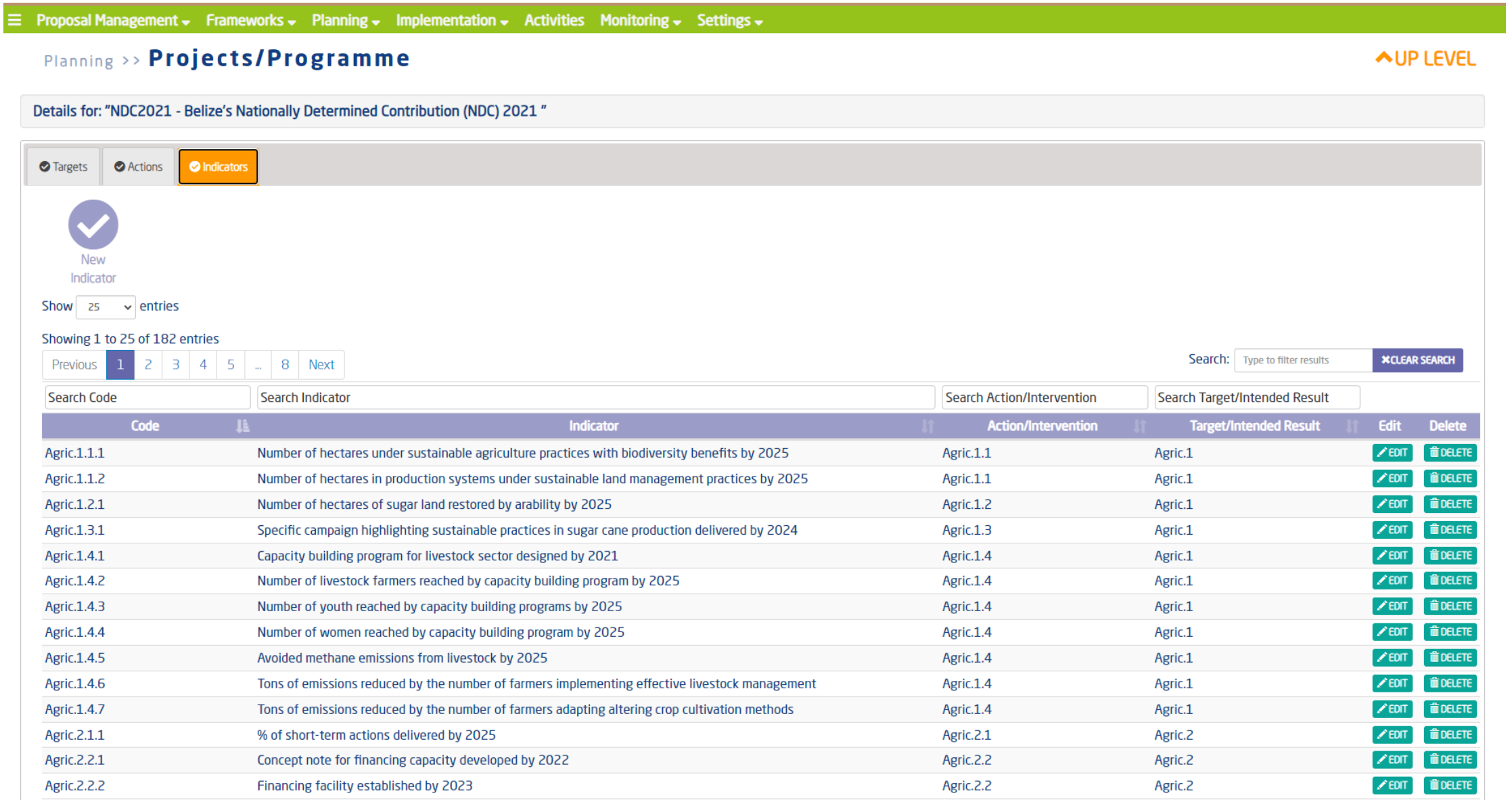



| Code | Description | Sector | SDG Goal | Edit | Delete |
|---|---|---|---|---|---|
| Agric.1 | Reduce methane emissions from livestock by 10% by 2030 and avoid emissions of at least 4.5 KtCO2e related to agriculturally driven land use change by 2025 | Agriculture (AG) | 2,13,15 | EDIT | DELETE |
| Agric.2 | Reduce post-harvest losses through the implementation of the National Adaptation Strategy to address climate change in the agricultural sector to increase the adaptive capacity of the agricultural sector | Agriculture (AG) | 2,6,7,8,9,13,15 | EDIT | DELETE |
| Agric.3 | Develop and implement an enhanced early warning system for drought and extreme weather events to support farmers in planning for and responding to the impacts of climate change by 2025 | Agriculture (AG) | 2,11,13 | EDIT | DELETE |
| CZ.1 | Increase resilience to climate impacts for coastal communities and habitats by managing further development of the coastline to reverse net coastal habitat and land loss by 2025 | Coastal & Marine (CZ) | 11,13,14,15 | EDIT | DELETE |
| CZ.2 | Strengthen the resilience of coastal communities by developing an early warning system for storm surges by 2025 | Coastal & Marine (CZ) | 11,14,15 | EDIT | DELETE |
| Energy.1 | Avoid emissions from the power sector equivalent to 19 KtCO2e per year through system and consumption efficiency measures amounting to at least 100 GWh/year by 2030 | Energy (Energy) | 7,13 | EDIT | DELETE |
| Energy.2 | Avoid 44 KtCO2e in the national electricity supply by 2030 through the introduction of expanded capacity from renewable energy sources | Energy (Energy) | 2,7,13 | EDIT | DELETE |
| Energy.3 | Avoid 117 KtCO2e/year21 from the transport sector by 2030 through a 15% reduction in conventional transportation fuel use by 2030 and achieve 15% efficiency per passenger- and tonne-kilometre through appropriate policies and investments | Energy (Energy) | 7,11,13 | EDIT | DELETE |
| FISH.1 | Build capacity in fisheries and aquaculture sector through research, diversification and retraining to support livelihoods while protecting coastal ecosystems | Fisheries & Aquaculture (FISH) | 8,13,14,15 | EDIT | DELETE |
| Forest.1 | Implement protection targets of the National Biodiversity Strategy Action Plan including increased effectiveness of the National Protected Areas System by 2024 | Forestry and Biodiversity (Forest) | 15 | EDIT | DELETE |

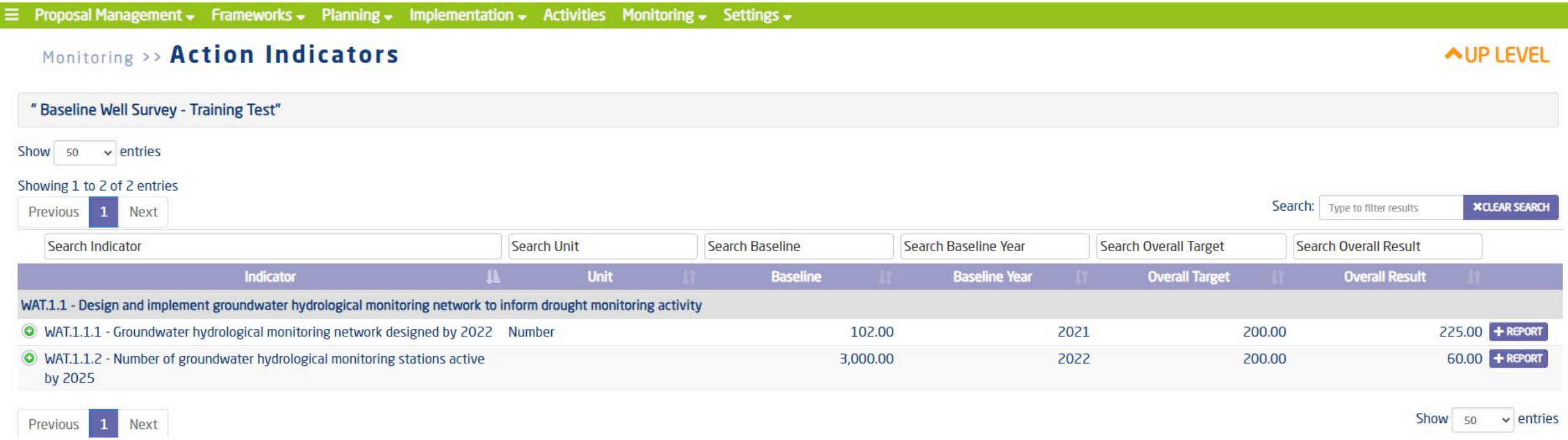
# Belize - Actions



# Belize - indicators



# Belize – indicators cont.



# Belize - Costing

" Ministry of Sustainable Development, Climate Change & Disaster Risk Management"

Legends: ACCESS READONLY NO ACCESS

Show 50 entries

Showing 1 to 17 of 17 entries

Previous 1 Next

Search: Type to filter results

| | Search Title | Search Project/Programme | Search Sector | Search BZD Amount |
|---|---|---|---|---|

| | Title | Project/Programme | Sector | BZD Amount |
|---|---|---|---|---|
| ACCESS | 2019-2023 Intra-ACP GCCA+ Programme in the Caribbean: Enhancing Climate Resilience in CARIFORUM Countries. Status of the Increasing Water Supply System Resiliency in vulnerable communities in Belize (Project No. GCCA+BZEWTR007). | National Climate Change Policy, Strategy, and Master Plan | WAT | 1,499,399.38 |
| ACCESS | Baseline Well Survey - Training Test | Belize's Nationally Determined Contribution (NDC) 2021 | WAT | 1,596.00 |
| ACCESS | Belize Agriculture and Management System | Belize's Nationally Determined Contribution (NDC) 2021 | AG | 1,000,000.00 |
| ACCESS | Belize Energy Efficiency Labelling Scheme (Pilot) | Belize's Nationally Determined Contribution (NDC) 2021 | Energy | 425,000.00 |
| ACCESS | Development of Belize's Updated NDC | Belize's Nationally Determined Contribution (NDC) 2021 | CZ, Energy, FISH, Forest, HH, LUCF, LUHSI, TOUR, Waste, WAT | 40,000,000.00 |
| ACCESS | Energy Efficiency in Public Buildings (Test) | Belize's Nationally Determined Contribution (NDC) 2021 | Energy | 412,000.00 |
| ACCESS | Expansion of replenishment zones | Belize's Nationally Determined Contribution (NDC) 2021 | FISH | 2,000,000.00 |

# FAO – NDC Tracking tool

Food and Agriculture Organization of the United Nations

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## The Nationally Determined Contributions Tracking Tool user manual

Download PDF

**Year of publication**
2023

**Place of publication**
Rome, Italy

**Pages**
#40 p.

**Author**
Umulisa, V.; Schiettecatte, L.-S.; Bloise, M.; Crumpler, K.; Prosperi, P.; Salvatore, M.; Bernoux, M.;

**Publisher**
FAO

**Cite this content as:**
Umulisa, V., Schiettecatte, L-S., Bloise, M., Crumpler, K., Prosperi,

The Nationally Determined Contributions (NDC) Tracking Tool user manual emphasizes the context behind developing the NDC Tracking Tool, its structure, methodological approach, and step-by-step guidance on how to install and use the tool.

This Food and Agriculture Organization of the United Nations Nationally Determined Contributions Tracking Tool is an Excel-based, easy-to-use tool, which is designed to facilitate countries in collecting the information required to track progress made in implementing and achieving their NDCs. Based on the information available in each country, the tool allows to assess the progress on NDC implementation by (i) comparing planned versus implemented mitigation and adaptation actions, and (ii) estimating the GHG reduction achieved from the implementation of mitigation actions compared against the sectoral and/or national baseline and NDC target scenario.

The tool is designed to support governments, national experts, and practitioners involved in the preparation, implementation, updating, revision, and reporting of all sectors covered by the NDC.

Download the **NDC tracking tool** that accompanies this publication

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# Thank you for your attention!

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