



Terms of Reference (TORs)

Project title: Definition of Senegal's sectoral goals and roadmap of measures for implementation to inform the NDC 3.0 in alignment with Senegal's long-term climate and development objectives – Technical expert on modelling and analytical work

Contracting organization: 2050 Pathways Platform hosted at the European Climate Foundation.

In-country political lead: Senegal's Ministry of Environment and Ecological Transition (METE)

1. Purpose and background

The Paris Agreement, adopted at COP21, re-emphasized and invited all parties to the treaty to develop long-term low greenhouse gas emission development strategies (LT-LEDS or LTS) in Article 4.19. The COP27 outcome urged countries to communicate their LTS by COP28. The decision underlines the importance of aligning near-term climate targets with LTSs, to ensure policies implemented now are consistent with the long-term goals and asks for regular updates.

In light of this, The [2050 Pathways Platform](#), a government and multi-stakeholder initiative supporting the elaboration of LTS, has received funding from Germany's International Climate Initiative (IKI), to support specific countries in "Laying the foundations for long-term low emission development strategies (LTS)" (see [project page](#)). The project will equip countries with tools to develop robust, ambitious LTS, with the aim for countries to start with the elaboration of the long-term vision (LTV) documents as a first contribution towards the elaboration of the LTS, to align their short-term planning with their long-term objectives, and/or to help translate climate objectives into sectoral workplans for implementation.

The Government of Senegal has expressed interest in being part of the project and developing their NDC 3.0 with a consultative engagement with sectoral ministries and technical inputs from a modelling effort, ensuring alignment with the country's long-term climate objectives, such as the LTS and the Ecological Transition Plan.

This specific project aims to respond to this request and support the development of Senegal's draft NDC 3.0. It will also involve the definition of sectoral implementation roadmaps with consideration for medium- and long-term timeframes, including a corresponding cost-benefit analysis for their prioritization. The technical modelling experts selected under this process will work closely with local sectoral experts under METE's direction to develop modelling activities and technical analysis reflecting consultations with sectoral ministries and inputs from sectoral expert liaisons. The technical team will work closely with a team of sectoral experts and liaisons under the METE's direction to develop modelling activities and technical analysis reflecting consultations with sectoral ministries. It will also carry out capacity-building activities



to ensure the government's appropriation of the models and tools developed under this project for future use.

2. Scope of work

The key outputs from the project are:

- a. **NDC 3.0:** Senegal wishes to update its NDC employing in-country sectoral experts and following a consultative approach and a methodological modelling framework developed in collaboration with technical experts and to submit it to UNFCCC by the fourth quarter of 2025.
- b. **Implementation roadmaps for the country's short-, medium-, and long-term climate and development objectives:** a document integrating an analysis of the country's short-medium and long-term trajectories and corresponding list of measures across sectors for the delivery of the defined goals.
- c. **Cost-benefit analysis of Senegal's roadmaps for the country's short, medium and long-term climate and development objectives:** informing the financial requirements and net benefits that inform the prioritisation of measures and schedule of implementation
- d. **Local capacity building:** to enable the future in-country use and update of the models and tools developed under this project for outputs a, b and c above.

The outputs of the project should be the result of a well-organized process under the leadership and guidance of the METE and other relevant ministries, as well as robust technical analysis reflecting inputs from key government stakeholders and broad national development priorities.

The technical experts will work closely with a team of local sectoral experts throughout the project period.

The 2050 Pathways Platform's role consists of guiding the consultancy firm / consortium of experts and ensuring quality through learnings from best practice, adherence to timelines and a general oversight on delivery.

2.1 Planned activities

- 2.1.1 Develop a work plan for the project describing the methods and tools proposed for the assignment and detailing the outputs, milestones, and deliverables that will be produced. The methods should specify proposed metrics, technology and socioeconomic uncertainties to be considered, models to use, and data requirements.



- 2.1.2 Support data search and managing for modelling. Collect relevant data, working with local sectorial experts in coordination with METE. Populate analytical tools, apply tools to inform Senegal's NDC 3.0 objectives under different scenarios, analyse results, and produce draft project outputs. The analyses will be based on publicly available data, studies and research from national and international sources, as well as relevant papers and inputs provided by local sectorial expert team.
- 2.1.3 Facilitate integrated analysis across sectors to inform the NDC 3.0 formulation, reflecting inputs from sectoral ministries and ensuring alignment with the country's long-term climate objectives, such as the LTS and the Ecological Transition Plan.
- 2.1.4 Bring best practices for the analytical work to facilitate identification of concrete measures to achieve objectives, providing robust technical inputs and policy recommendations based on analytical results, to inform sectoral implementation roadmaps, with consideration for the short, medium, and long term.
- 2.1.5 Finalize project outputs, completing modelling results to inform the NDC 3.0, implementation roadmap, and benefit analysis for the prioritization of measures to deliver the countries' climate objectives with consideration for the short, medium, and long term.
- 2.1.6 Drafting of a detailed technical report and provide inputs into the NDC 3.0 and final report to be completed by the local sectorial experts. The analysis will:
 - 2.1.6.1 Include a narrative (Word and PowerPoint document) and quantitative backing (e.g., Excel and Dashboard/Tableau format). The documentation should include annexes describing methodology, key assumptions, data sources used, and systematization of stakeholders' inputs facilitated by the local sectorial expert team. Alternative formats, as proposed in the consultant's proposal, may also be accepted if agreed upon beforehand.
- 2.2 Highlight sectoral transformations that are essential to achieving the NDC 3.0 goal considering alignment with long-term climate objectives, as well as those that increase risks of carbon lock-in and maladaptation, and those that are essential to maximizing the transition's net development benefits.
- 2.3 Include clear messages on findings, including the level of NDC 3.0's alignment with the country's long-term planning efforts, and specific policy recommendations for policymakers to achieve desired climate goals in the context of priority development objectives to inform effective implementation roadmaps and their prioritization via cost-benefit analysis.



2.3.1 Carry out training sessions on the analytical tools to local experts and other relevant stakeholders indicated by the Ministry.

3. Expected deliverables

Product 1: Detailed work plan with agreed-upon methods, tools, and outputs

Product 2: Presentation of draft results and analysis integrating modelling work and inputs provided from local sectoral experts to inform the NDC 3.0 (Word document and PPT including visualization of results)

Product 3: Presentation of draft results and analysis integrating modelling work and inputs provided from local sectoral experts to inform the implementation roadmaps, including cost-benefit analysis to assess their prioritization and recommendations for alignment with the country's long-term planning processes (Word document and PPT including visualization of results)

Product 4: Presentation draft of final results to inform the NDC 3.0 integrating feedback provided by key stakeholders, as well as METE and 2050PP; and inputs into the final NDC 3.0 draft developed by local sectoral experts (Microsoft Word, modelling tool, and PowerPoint)

Product 5: Presentation draft of final results and recommendations for the implementation roadmaps and prioritization results using a cost-benefit analysis, integrating feedback provided by key stakeholders, as well as METE and 2050PP (Microsoft Word, modelling tool, and PowerPoint)

Product 6: Final technical report including a summary for policymakers integrating final comments and inputs into the final draft of sectoral roadmaps for implementation and prioritization lead by the local sectoral experts, as well as an assessment of NDC 3.0's alignment with the country's long-term trajectories (Microsoft Word, modelling tool and PowerPoint)

Product 7: Deliver presentations of interim and final results to relevant stakeholders.

Product 8: Deliver training sessions on the analytical tools to local experts and other relevant stakeholders indicated by the Ministry.

4. Characteristics of the assignment

Duration of contract: This assignment is expected to have an approximate duration of at least 11 months from the contract's effectiveness date.



Start date: Expected start date is mid-April the latest

Location: remote possible with some travel foreseen for stakeholder engagement activities. Consultants/ consortiums are highly encouraged to have at least part of the team based in Senegal.

5. Roles and responsibilities

Government

- The project will be implemented under the leadership of the government with a view to ensure ownership of the outputs from the government of Senegal.
- Invitations for all stakeholder engagement throughout the project will be sent out by the government
- Consultations conducted and participants in workshops throughout the project will be identified/approved by the government
- Review interim and final results and products, and provide feedback to ensure the final products METE the objectives defined under these ToRs

2050PP

- The implementing firm will be commissioned by the 2050 Pathways Platform
- The firm will report to the 2050 Pathways Platform for contractual and administrative purposes
- The 2050 Pathways Platform will act as advisor and will ensure quality through learnings from best practice and review interim and final products to provide feedback, adherence to timelines, and a general oversight on delivery

The selected firm

- Undertake all the activities as mentioned in the TORs
- The team is expected to work in close collaboration with a local team of experts that is being selected in a parallel tender process.

6. Application process and deadline

Please send your expression of interest to apply for this project to the 2050 Pathways Platform Secretariat at secretariat@2050pathways.org by no later than 3rd April 2025, 23:59 CET, stating the following in the subject of the email, "Senegal's NDC update" You should include as part of your application:

A **narrative proposal** which should include:

- A methodological section, including how you are planning on approaching and carrying out the different activities highlighted in these TORs, considering each of the three phases of work identified in the TORs.



- A Gantt Chart for the project, detailing the schedule for the delivery of the project, including indication of timing of activities, delivery of outputs and key meetings/events
- Firm/ consortium's background, legal status, credentials, expertise, and relevant experience. Demonstrable experience in the field (see section 6 below) and examples of previous work with the government of Senegal (and in case the firm is not based in-country, examples of work with local partners) - please highlight if the firm/ consortium has in the past worked with or in collaboration with METE as well as if there is prior experience of working with other ministries and departments in the Government of Senegal.

A **financial proposal** with your estimated budget requirements to carry out the works, divided into consulting fees and other project expenses (travel, workshops etc.) – see template provided in Annex 1.

Once the consultancy is selected, some additional documents will be required for due diligence and granting.

7. Qualifications sought from the consultancy firm / consortium

The consultancy firm / consortium is expected to demonstrate:

- Experience with long-term modelling tools and cost-benefit analysis
- Experience on NDC update process
- Experience in international best practices in climate change
- Experience in working with government ministries and communicating with high-level government officials
- Experience in translating technical information into clear policy recommendations
- Expertise in conducting capacity building, consensus building, and stakeholder engagement activities
- Proven ability to present information in a clear, precise, and well-articulated manner
- Good communication skills in French and English (oral and written)
- The consultancy firm / consortium should be led by a registered company



8. Annex 1: Budget Template (please develop according to the following cost categories and per phase of project implementation)

	Amount in EUR	Comments
Phase I		
<i>Consulting fees</i>		
<i>Travel (including accommodation)</i>		
<i>Venue rent</i>		
<i>Catering</i>		
<i>Material</i>		
<i>Others</i>		
Phase II		
<i>Consulting fees</i>		
<i>Travel (including accommodation)</i>		
<i>Venue rent</i>		
<i>Catering</i>		
<i>Material</i>		
<i>Others</i>		
Phase II		
<i>Consulting fees</i>		
<i>Travel (including accommodation)</i>		
<i>Venue rent</i>		
<i>Catering</i>		
<i>Material</i>		
<i>Others</i>		
TOTAL		