STEPs4GROWTH [**S**uccessful **T**raining and **E**ffective **P**artnerships **for G**rowing **R**egional **O**pportunities in the **W**orkforce **T**o **H**arness] the **NC Clean Energy Alliance.**

STEPs4GROWTH Scope of Work Summary

This document describes the major Objectives, Milestones, and Outcomes of the STEPs4GROWTH project.

The STEPs4GROWTH leadership team (PI and co-PIs) took this Program Officer request as an opportunity to further detail the STEPs4GROWTH Work Plan Gantt Chart by adding specific Deliverables and Milestones (and Reports) to the Gantt Chart. Deliverables labeled as Dx.y; Milestones labeled as Mx.y; and Quarterly Reporting labeled with dates of delivery are now seen in the bottom rows of the updated Gantt Chart.

Please find 3 documents attached to the email response including:
- *STEPs4GROWTH Scope of Work summary.docx* (This file)
- *STEPs4GROWTH_GJC_Deliverables_&_Milestones_Chart.docx*
- *Work Plan STEPs4GROWTH Gantt Chart, DOC EDA GJC 01Oct2022 to 30Sep2026 version.xlsx*

The 3 files listed above are STEPs4GROWTH's operational documents. The **Gantt Chart** has the Goals/Objectives for the entire project in the first column, with corresponding Tasks listed across the Gantt Chart by date. The Goals/Objectives and Tasks have been specified for the overall vertical Clean Energy Sectors, and for the individual horizontal cross-sector Thrusts. The **Deliverables & Milestones Chart** specifies a full set of achievements expected that will be measured by specific milestones achieved over time, and by the deliverables that support the Goals/Objectives/Tasks in the Gantt Chart. There is a direct alignment between the Gantt Chart (last 3 rows) and the Deliverables and Milestones Chart.

Outcome Summary

STEPs4GROWTH will deliver a workforce development system for the Clean Energy sector. The system will combine resources from universities, community colleges, industry, workforce development boards, chambers of commerce, NC governmental agencies, apprenticeship programs, student support organizations, clean energy research groups, the public, and others to deliver the first-in-the-nation comprehensive Clean Energy workforce development system.

To achieve the high-level outcomes listed above, these specific key outcomes will occur during the project:
- *2500-3000 job placements into the Clean Energy sector in NC by the end of the 4-year project (with expectations of more than 1500 job placements in the Clean Energy sectors per year thereafter).*
- Establishing collaboration of the entire set of stakeholders across NC in the clean energy sector, led by NCA&T with a focus on economic development in the state and nation
- Increasing the diversity, and addressing equity and inclusion in the clean energy sector
- Developing a curriculum for the Clean Energy Sector that is primarily online, available to people across NC, and expandable to the entire nation in the future.

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- Supporting the Clean Energy Sector directly by building a workforce development system that trains workers with the specific skills that will support rapid economic development for all companies in the sector
- Collaborating with other organizations across the US to design and develop a workforce development system that is useful across the nation
- Disseminating results broadly throughout the project to federal agencies, and major stakeholders in the Clean Energy Sector to ensure that scaling and sustainability is achieved
- Establishing the Clean Energy Sectoral Partnership Strategic Framework and its corresponding Clean Energy Sector Pyramid Models as a National Framework/Model.

An outcome of this project will be to not only help NC reach its decarbonization and emissions goals, but also is designed for expansion and sustainability. Once established, an expected outcome is a nationally scalable model. Establishment of online curriculum across all the Clean Energy Sectors (Energy Efficiency, Renewable Energy, Clean Transportation, and a Modern and Secure decarbonized Grid with Storage) is a key outcome of **STEPs4GROWTH**.