

# CO<sub>2</sub> abatement potential of the green corridor provides preliminary insight



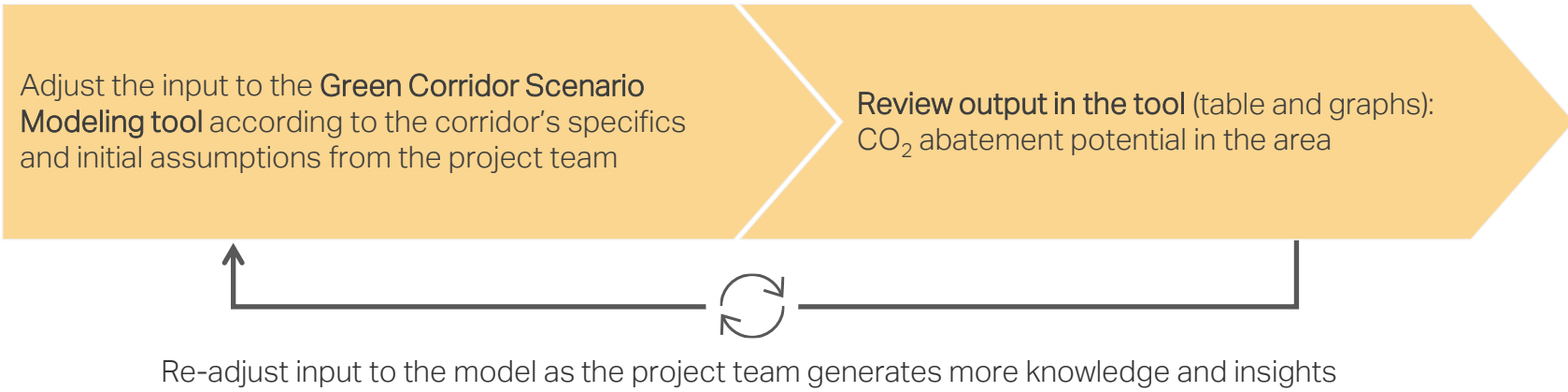
## About the Green Corridor Scenario Modeling tool:

The tool, developed by the center, is a highly configurable, automated Excel-based tool designed to integrate a broad range of parameters, including fuel types, vessel types, operating profiles, and CO<sub>2</sub> emissions. Its primary function is to provide detailed insights into the costs and CO<sub>2</sub> abatement potential of specific maritime corridors. By allowing users to adjust inputs tailored to the specifics of a given corridor, the tool dynamically generates automated graphs and visuals. These visual outputs offer a comprehensive analysis of several key metrics including the incremental cost of adopting green fuels over traditional fuels

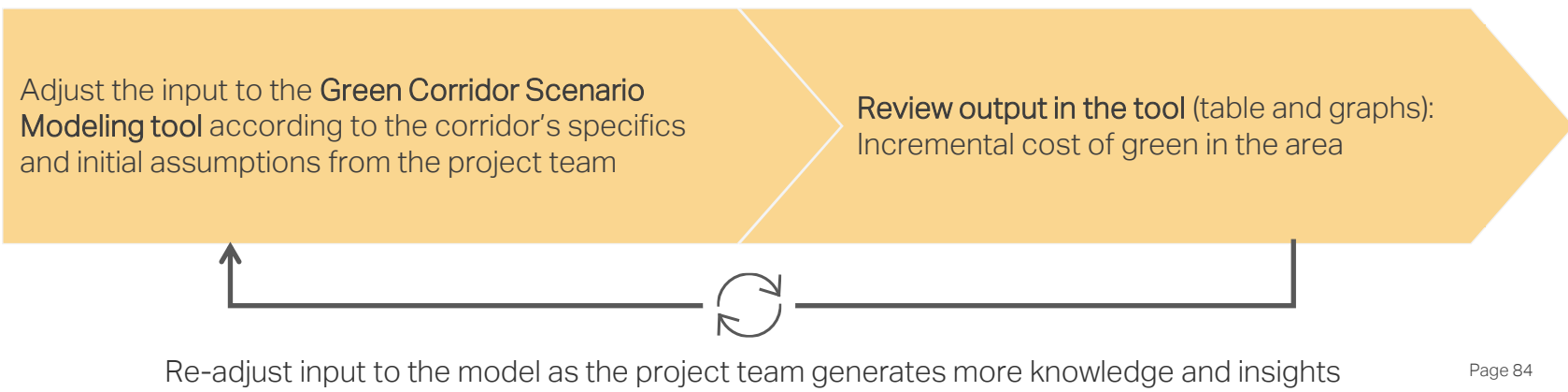
Tool is available at **XXX**



### A. CO<sub>2</sub> abatement potential of the green corridor provides preliminary insight



### B. The cost and scenario assessment provides further insights on the incremental cost of green for the green corridor



# C : J&E assessment within scenario assessment (70)

This exercise is essentially a repetition of the work done on the focus area in Workstream 5. As explained in 5.2, the objective of the J&E assessment is to create awareness about the socio-economic risks and opportunities for the countries or regions included in each of the 1<sup>st</sup> Wave of green corridors. Additionally, the assessment can be used as input for the final prioritization of 1<sup>st</sup> Wave corridors.

The J&E assessment in this **section covers only those countries/regions/ports that are included in 1<sup>st</sup> Wave corridors beyond the focus area.**

If all 1<sup>st</sup> Wave corridors are domestic and hence covered by the analysis done in 5.2.1, then consider if additional analysis is needed at a regional or local level (Table 5.2.2).

## Summary of steps necessary (consult the relevant slides in Section 5)

1. Assess the level of detail required, by confirming the list of countries/regions/ports.
2. Revisit the questions in Section 5 and data collection template.
3. Collect data in accordance with the questions.
4. Reflect on the implications for the identified 1<sup>st</sup> Wave corridor projects



The J&E assessment for the focus area follow a simple 4 step process



The area of focus inform the level of detail needed for the J&E assessment

