

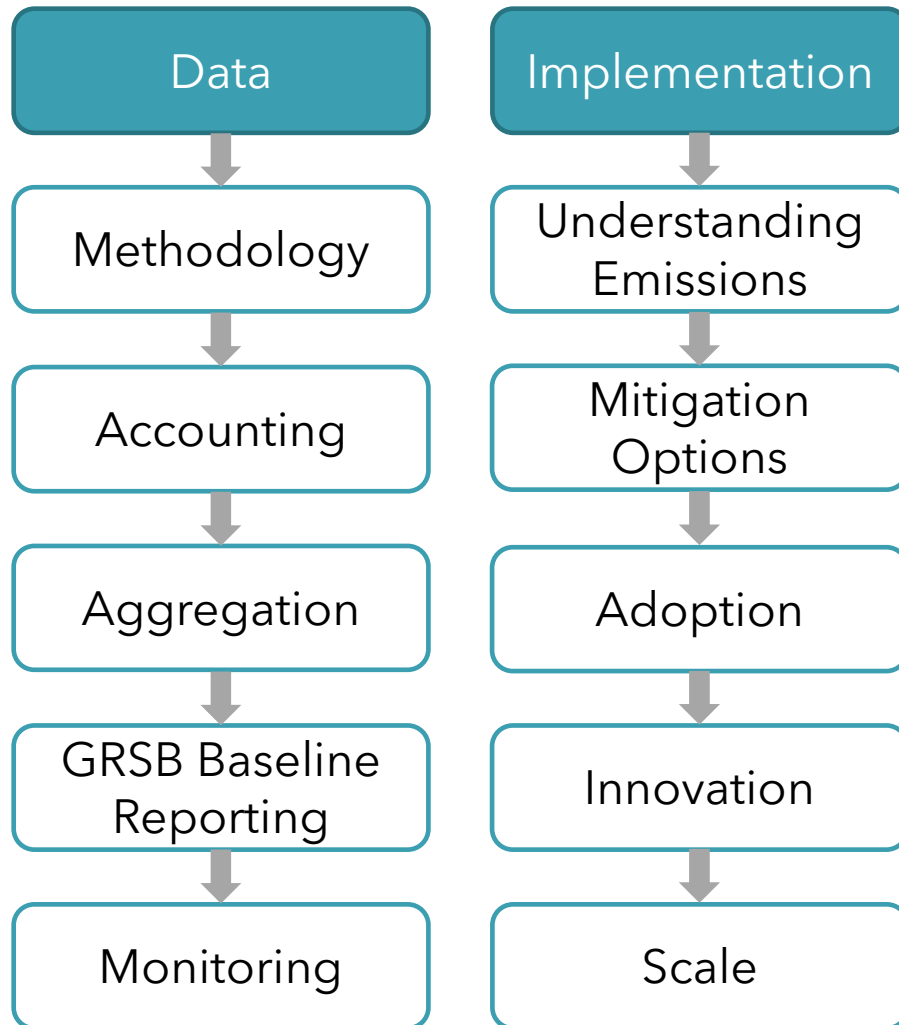


GLOBAL ROUNDTABLE FOR[®]
SUSTAINABLE BEEF

CLIMATE WORKING GROUP UPDATE

BOARD OF DIRECTORS MEETING - 27 MARCH 2023

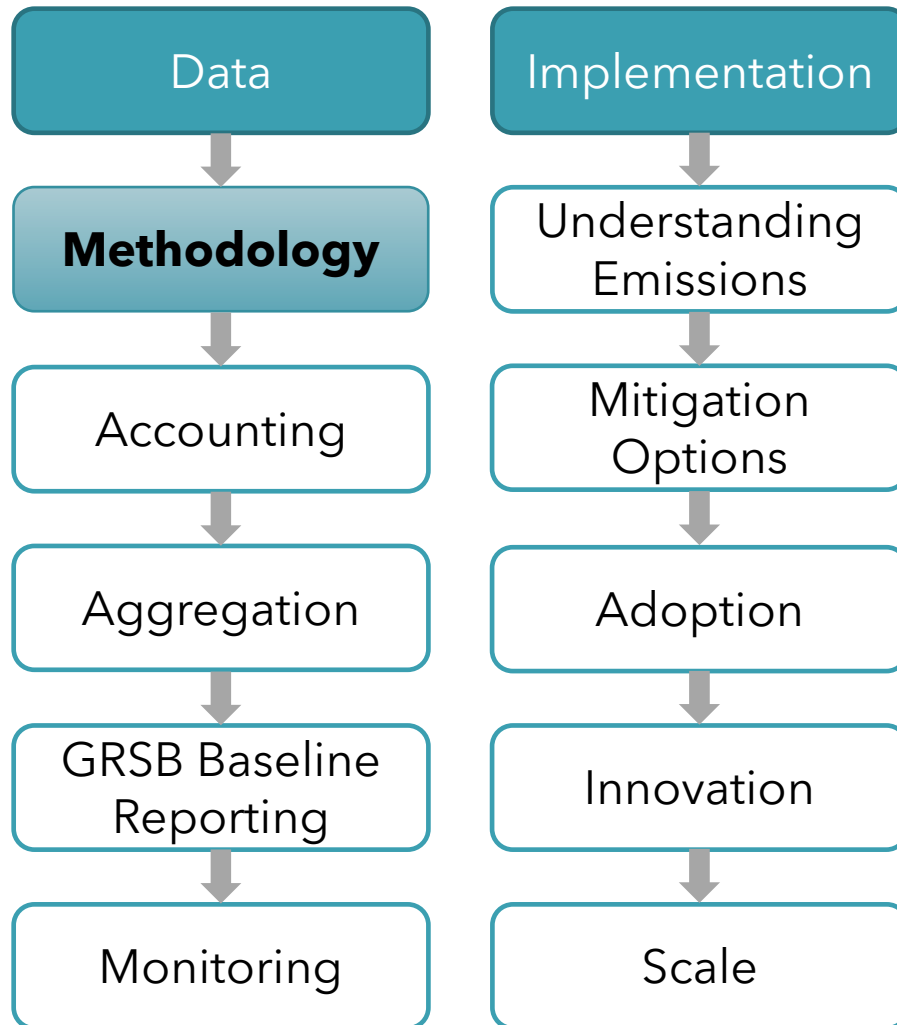
CLIMATE WORKING GROUP UPDATE: WORK PLAN



Two main streams of work:

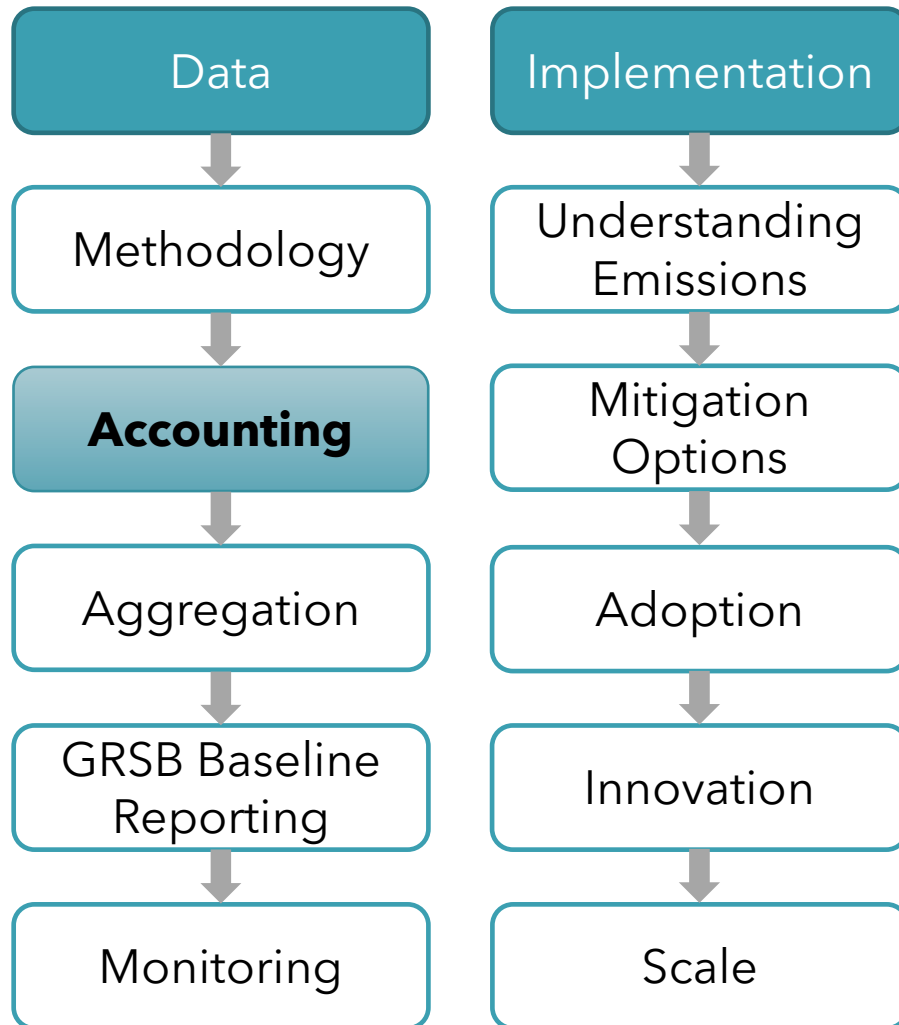
1. Data related to our goals tracking
2. Implementation of strategies to help successfully meet our goals

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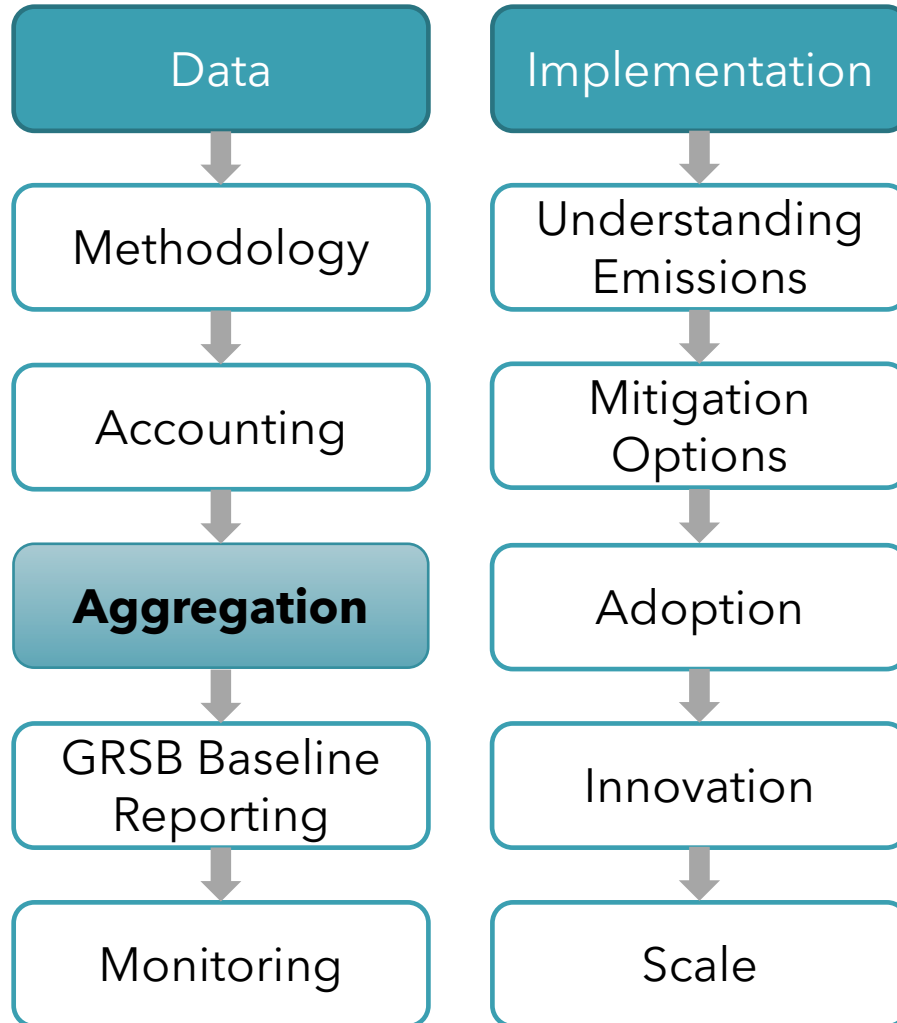
- GRSB Beef Carbon Footprint Methodology
 - Standardized approach to Life Cycle Assessments for monitoring goals
 - Guidance on reporting all 3 GHGs to allow for both GWP-100 and GWP*
 - Metrics Fact Sheet outlines how different metrics are suited for different goals and should be used accordingly

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- Carbon tracking principals and criteria development
 - What is business as usual?
 - What does a 30% reduction look like?
 - Scope 3 and relevance for the needs of those across the beef value chain
 - Address additionality

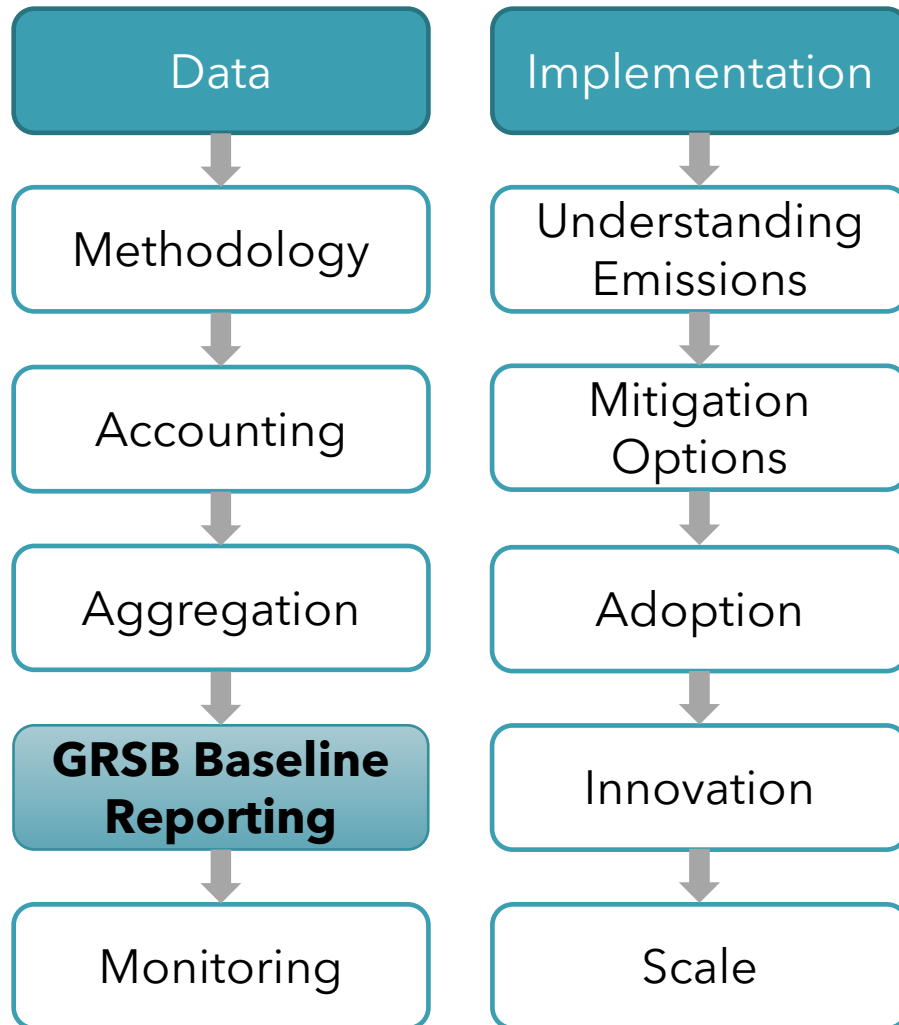
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- GLEAM Model

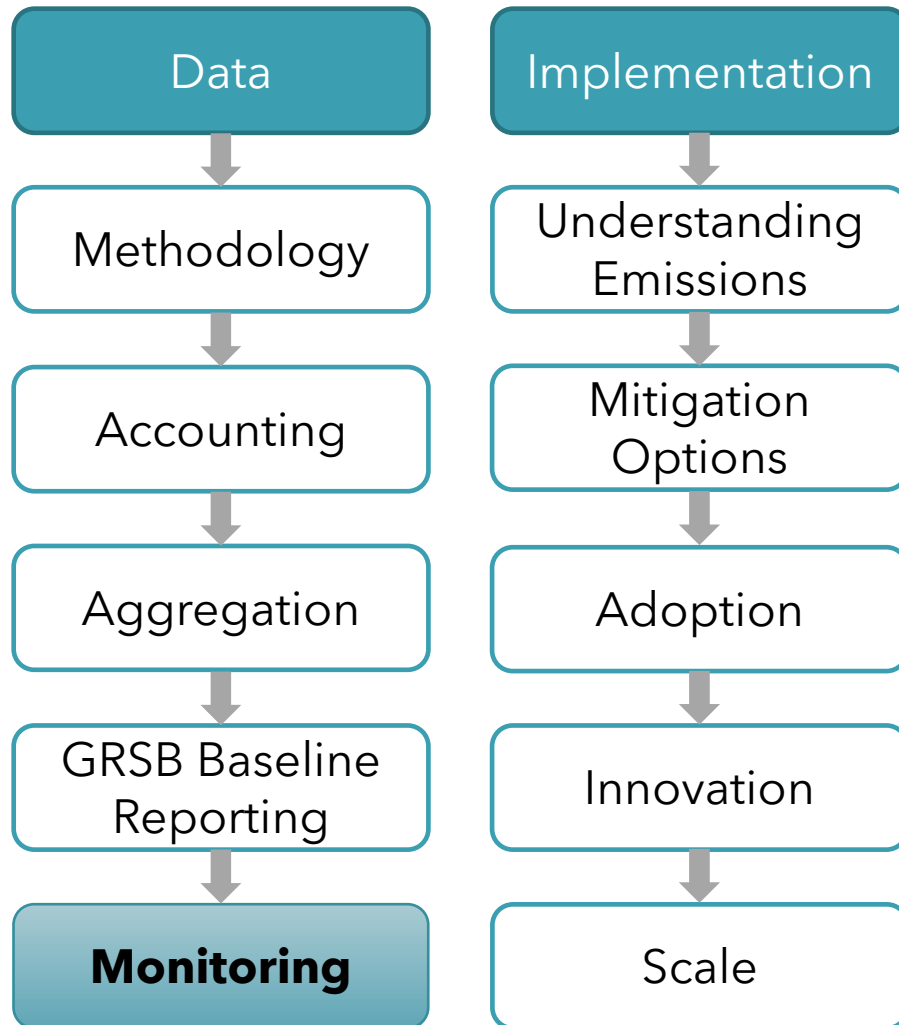
- Next CWG meeting will feature discussion with GLEAM developers
- Goal of meeting will be to understand the capabilities, data limitations, etc. and how we can work with GLEAM to gather more granular data
- Global and regional carbon intensity estimates

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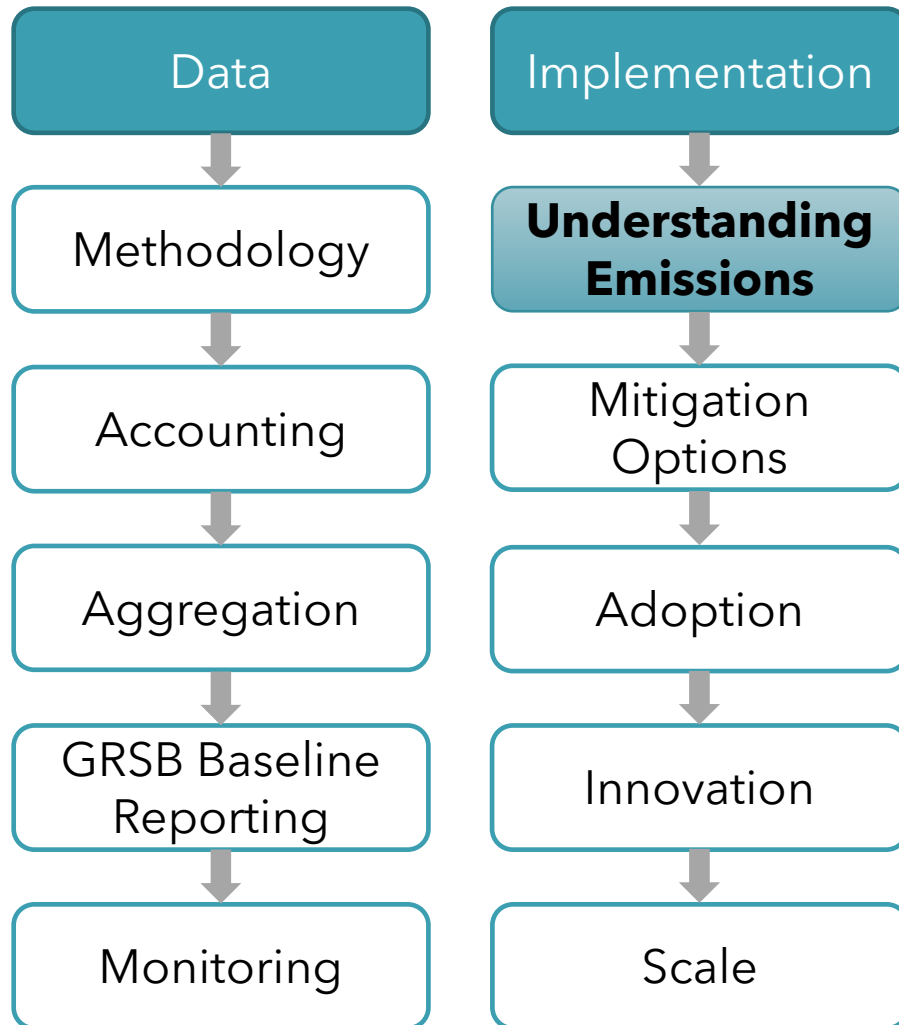
- Still under discussion
 - Aggregate for GRSB membership countries
 - total emissions and
 - weighted average emissions intensity
- Waiting for GLEAM update
 - Should be launched later this year
 - Current model provides 2015 estimates

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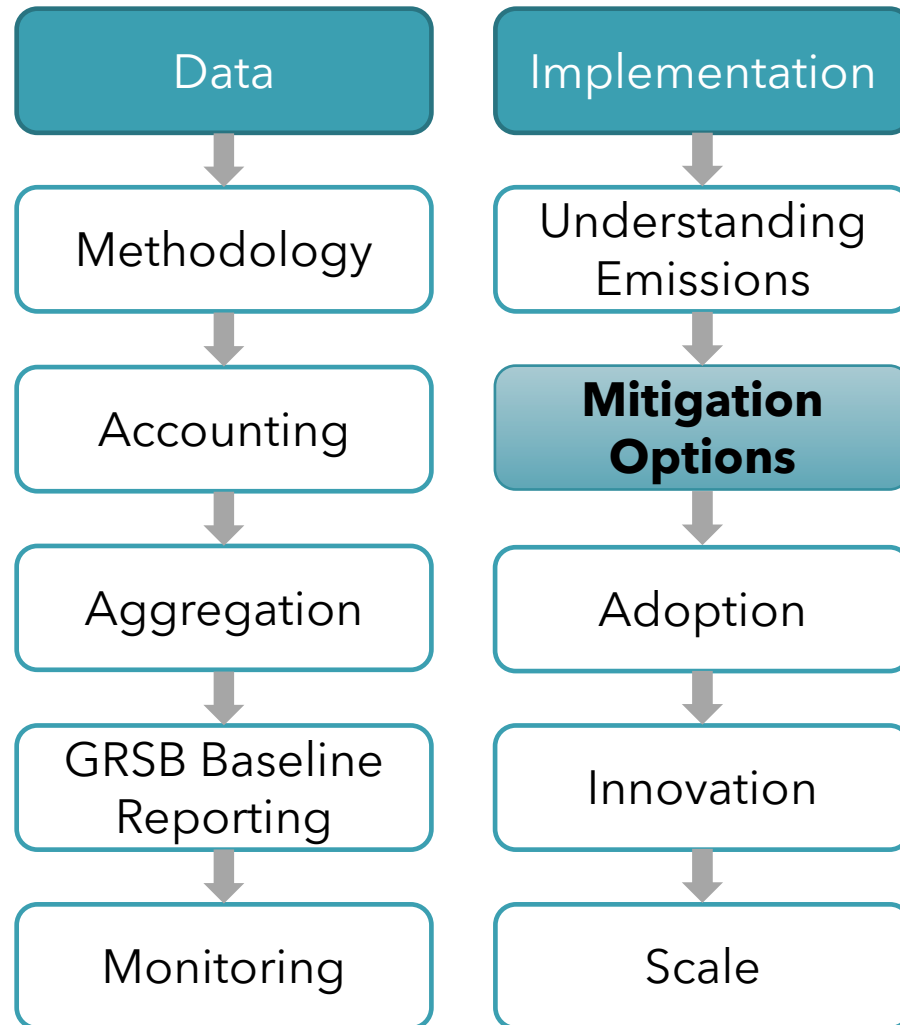
- Dependent on GLEAM
 - To be further discussed at next CWG meeting
 - Can GRSB assist in enhancing the data supplied to GLEAM?
 - Timing of v.4 release and frequency of data updates

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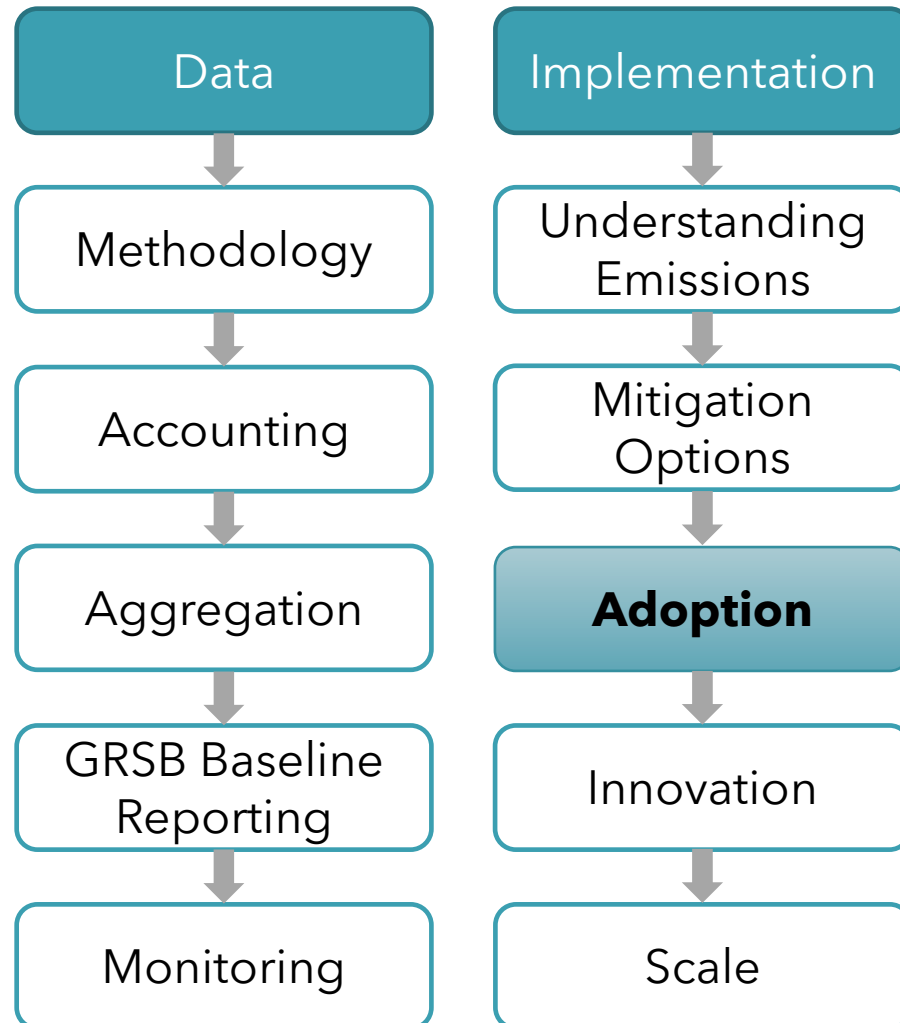
- GLEAM
 - Breakdown of CO₂, CH₄ and N₂O for different production systems

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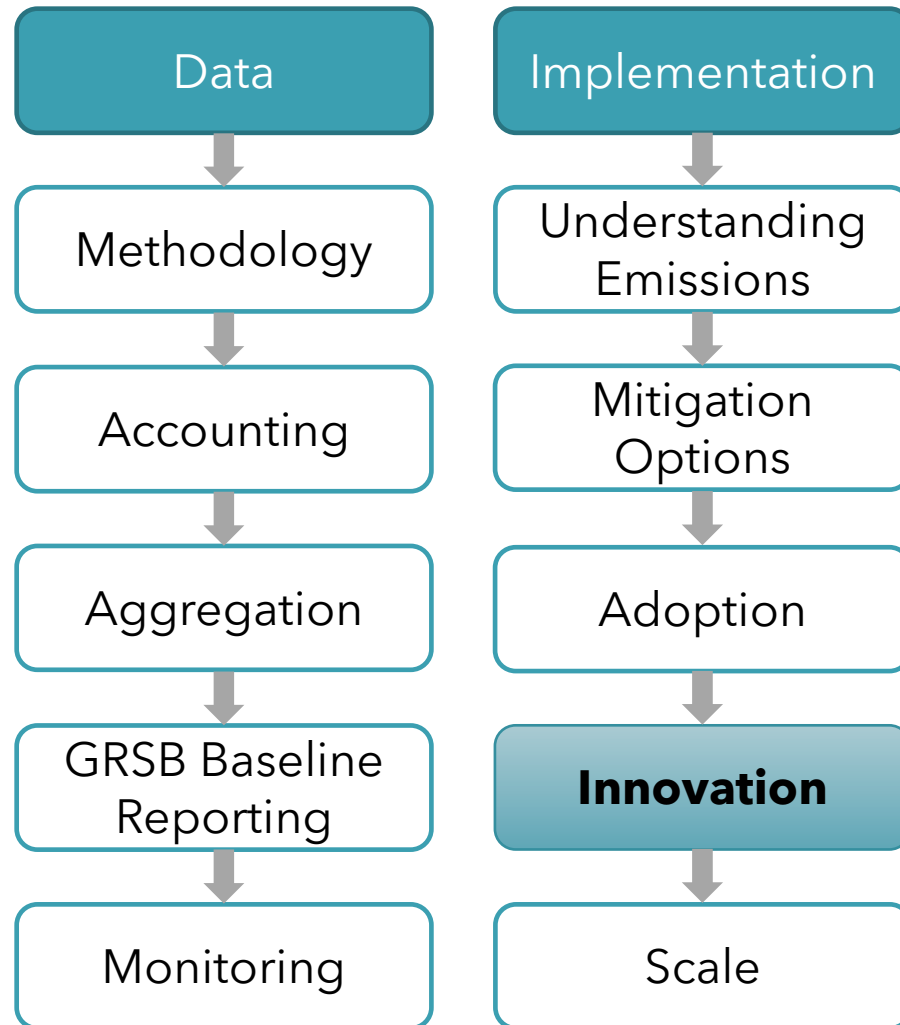
- Climate Goal Roadmap
 - Region-specific
- Goals meetings
 - Helped understand main production focuses in each region
 - Genetics, feed efficiency, technology, etc.
- Future national roundtable meetings can further help us understand what is possible

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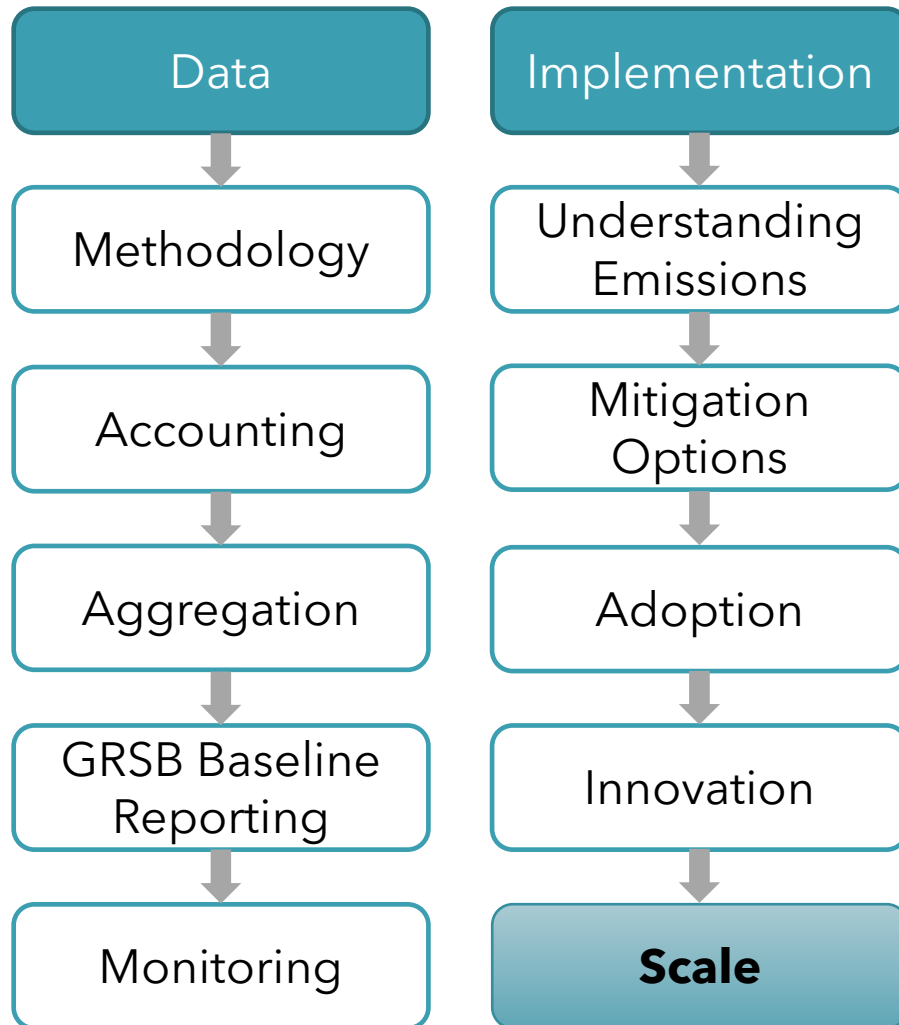
- Cost-benefit analysis project proposed
 - Model impacts associated with adoption of mitigation strategies across various regions
 - Can we help demonstrate value of mitigation thus helping to increase adoption?
 - Can we identify practices that will need financial incentives to offset net costs to producers?

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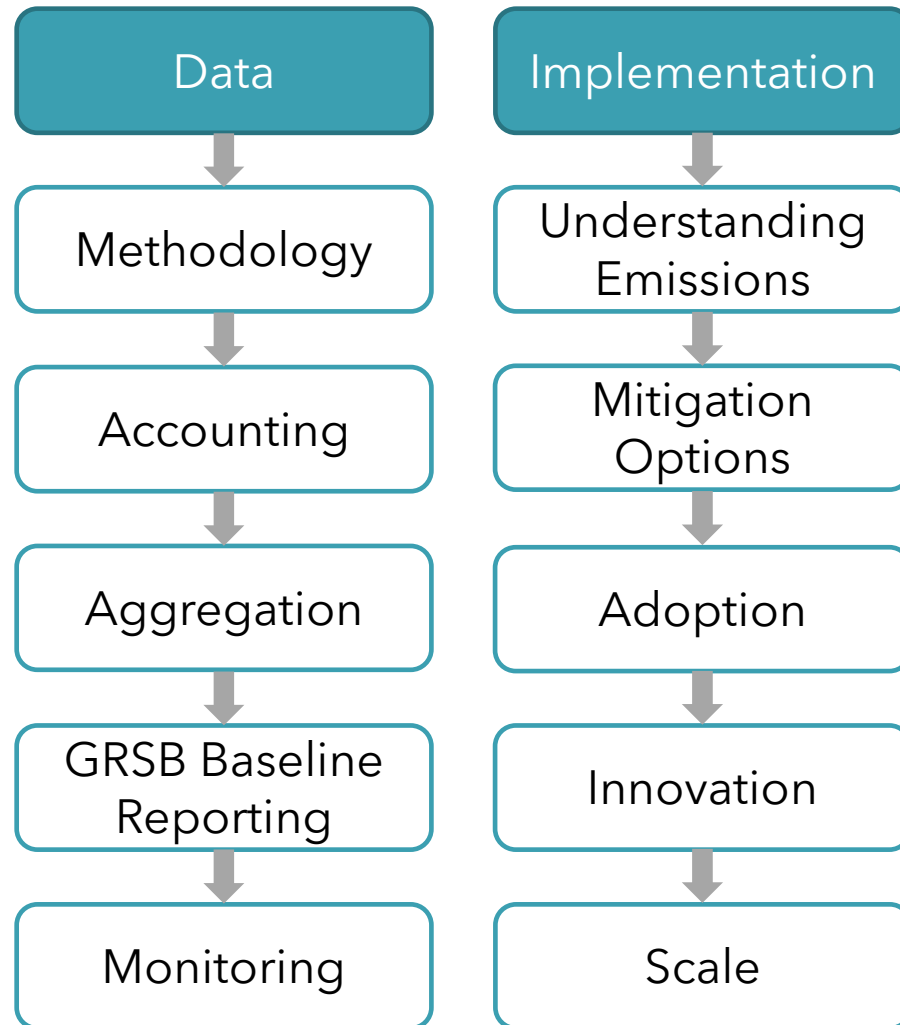
- Region-specific
- Carbon-sequestration project discussed
- Investment in mitigation strategies, tested with consequential LCAs to confirm reductions

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- Pilot studies to demonstrate viability
- Showcase work being done in different regions

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- Near-term focus
 - Benchmarking and establishing best route forward for tracking
 - Working with GLEAM to model impacts and help enhance their data for more accurate predictions
 - Carbon tracking principals and criteria project/carbon roadmap development
- Longer-term focus
 - Cost-benefit analysis of key practices/mitigation strategies
 - Encouraging adoption and scaling of viable mitigation pathways