



C-AGG/Brazil Collaboration on the Development of a Measurement, Reporting, and Verification (MRV) System: Proposal Discussions

September 2016

Executive Summary

C-AGG's Brazil Team made their seventh trip to Brazil September 14-16, 2016 to attend CNA's First International Seminar on Climate Resilience and to discuss with the Bank of Brazil (BB) and the World Wildlife Fund - Brazil (WWF) C-AGG's invited proposal to support the development of a cost-effective measurement, reporting, and verification (MRV) system for the BB Aqua Brasil Project (Phase II). C-AGG's primary goals and objectives for this trip included:

- Discuss with Eduardo Assad the potential to establish a C-AGG – Embrapa MOU to collaborate on development of an MRV system for the ABC Low Carbon Agriculture Program; and to get an update on the status of Embrapa's ABC Laboratory, including the development of protocols to quantify and monitor the impacts of the ABC Plan;
- Discuss with BB and WWF C-AGG's invited proposal to support the development of an MRV system for the Aqua Brasil Project (Phase II);
- Attend the first annual CNA International Seminar on Climate Resilience to network with key thought leaders and to better understand Brazil's position on climate resilience for the agriculture sector; and
- Continue discussions regarding additional collaboration opportunities with key NGOs, including Imaflores and WWF, who are working to develop tools, technologies, and decision support systems for producers to mitigate and quantify GHG emissions reductions through sustainable agriculture technologies.

This trip allowed C-AGG to continue discussions with the BB and our NGO partners on collaborative efforts to contribute to the development of an MRV system to capture the outcomes of Brazil's low carbon agricultural practices and policies. The discussions helped clarify C-AGG's proposed contribution to a pilot-scale MRV system for the Aqua Brasil Project, Phase II, and determined that BB, WWF and Eduardo Assad of Embrapa have agreed that the Aqua Brasil Phase II MRV system will serve as a demonstration pilot for a larger national level MRV system. Assad further agreed to travel to the US to meet with C-AGG, likely before the end of the calendar year, to finalize a C-AGG / Embrapa MOU to formalize collaborations between the organizations.

BB and WWF continue to see value in C-AGG's skills and expertise and are very interested in funding C-AGG's proposal for a pilot scale MRV system for the Aqua Brasil Project, Phase II. BB is actively seeking additional funds domestically and internationally to cover the cost of the proposal, while awaiting internal BB clearance (from new BB leadership) on Phase 2 of the project. WWF and BB reiterated the importance of government support in the development of an MRV system, especially if it is intended to be used at a national level, and stressed that formal MOU's with Assad and Embrapa will be critical to project success. C-AGG has continued to discuss an MOU with Embrapa's Research group as proposed in April 2016, and is actively discussing an MOU with Eduardo Assad of Embrapa. We also continued discussions with Imaflores about developing a DeNitrification-DeComposition (DNDC) collaborative research group in Brazil to support greenhouse gas (GHG) quantification from the agriculture sector,

consistent with the objectives of a recently signed MOU between C-AGG and Imaflora. C-AGG will continue to pursue these efforts to formalize collaborative efforts with key stakeholders over the coming months.

C-AGG Brazil Team Delegates who participated in the trip:

- Debbie Reed, Executive Director, C-AGG, USA
- Bill Salas, President, Applied Geosolutions (AGS), USA