

====

Communication and Integration

| U.S. Research Team Lead | China Research Team Lead |
|---|---|
| <ul style="list-style-type: none"> • Sarah Forbes, World Resources Institute | <ul style="list-style-type: none"> • Wu Tianhua, Huazhong University of Science and Technology |
| U.S. Partners | China Partners |
| <ul style="list-style-type: none"> • World Resources Institute • West Virginia University | <ul style="list-style-type: none"> • Huazhong University of Science and Technology • Tsinghua University • Huaneng Clean Energy Research Institute |

Research Objective

The research team will provide efficient and effective communication among ACTC members in both countries, ensuring effective sharing of information and facilities. Researchers will facilitate personnel exchanges among the different teams of the two countries and the different tasks of the consortium. A communication network inside the U.S.-China consortium will be established to maximize the achievements of the cooperation. This effort includes integrating other technical tasks within each national team as well as international coordination. The primary goals of these efforts are three-fold:

- Publicize the ACTC’s progress and achievements to governments and the public, providing decision makers with information on how to further improve cooperation
- Provide the ACTC with a platform to effectively share information, including a program for personnel exchanges
- Integrate collective research results from within each national team, as well as the research work of the entire bilateral ACTC consortia

Technical Approach

The team will develop a plan for how to share information, such as knowledge and data, within the ACTC, and establish an information-sharing model. Researchers will develop a plan for joint research projects, information sharing, technique export, and cooperation between the large energy companies on the ACTC teams.

The integration approach includes the following tasks:

- Construct a bilingual website for the ACTC for sharing news, progress, and achievements with decision makers and other interested stakeholders. The website should be updated at least quarterly
- Develop and produce a bilateral and bilingual quarterly CERC newsletter that outlines the key outcomes under each research theme and highlights the projects
- Integrate achievements and progress from both countries to produce an annual report for decision makers with updated cooperation modes, research progress, and suggestions for future improvement
- The communications approach includes the following tasks:
 - Organize regular and ad-hoc bilateral meetings
 - Organize regular and ad-hoc meetings within each national consortium
 - Provide networking opportunities and platforms to enable smooth communication among the different teams and tasks. This may include site visits at relevant research centers in both countries
 - Provide a mechanism for personnel exchange



Recent Progress

In order to report the consortium progress, eight newsletters have been produced:

- Introduction to the ACTC and its organization, working modes, and tasks
- Introduction to the 2011 Beijing Joint Meeting
- Introduction to the 2011 Wuhan IP Workshop
- Start-up meeting of the oxy-combustion team in Wuhan, China
- China-ACTC visited the U.S.-ACTC and signed the technology management plan
- China-ACTC Advisory Board Meeting held in ENN
- Meeting of China-U.S. Steering Committee on clean energy science
- China-ACTC held a plenary meeting in Beijing, China
- A website for the China-ACTC has been established to share news and other materials.

Expected Outcomes

This work will provide support and suggestions to decision makers about the model of cooperation between China and the United States. It will establish an information-sharing model that is acceptable to ACTC partners from both countries based on thorough communication between them. Most importantly, it will establish smooth communications and a program of personnel exchanges between the two countries.