Improving the Resilience of the Agriculture Sector to Climate Change (IRAS)

**Overall Objective:**
Food insecurity resulting from climate change in Lao PDR minimized and vulnerability of farmers reduced

**Component 4: Adaptation Monitoring and Learning**
Adaptation Monitoring and Learning as a long-term process

- **Government Co-financing amount:** $323,500
- **UNDP Co-financing amount:** $475,000
- **LDCF project grant:** $2,108,700

**Baseline:** The current knowledge about successful and unsuccessful climate risk management approaches in Lao PDR is not systematically captured and analyzed. Consequently, there is no way for national, provincial, and district authorities (sector planners) to learn from the lessons learned or to scale up successful activities. Overall, data and information dissemination does not exist. Data is collected sporadically by different agencies but primarily kept for internal use. Systematic analysis of data does either not take place or is not distributed to partners. The engagement of local stakeholders in monitoring and sharing of lessons is very limited as is the involvement of provincial and district institutions.

**Adaptation alternative:** Project lessons will be captured and disseminated through the Global Adaptation Learning Mechanism (ALM) platform and evolving regional networks such as the Adaptation Knowledge Platform (AKP). Project knowledge will be shared with other regions and countries facing climate-induced drought and flooding hazards to agricultural production, made accessible through the AKP and ALM’s web-based interface, on-line dialogues, and printed material.

**Output 4.1:**
Project lessons captured in systematic monitoring, and periodically disseminated through the Adaptation Learning Mechanism (ALM) and other suitable regionally based networks.

- 4.1.1 Project Monitoring System established
- 4.1.2 Project website established
- 4.1.3 Quarterly contribution into ALM regional networks

**Output 4.2:**
Project knowledge shared with other countries in the Greater Mekong Sub-region

Activities

- 4.2.1 Annual CC agriculture conference at NAFRI
- 4.2.2 Production of publications, audio/video materials with promoting CC adaptation

**Output 4.3:**
Project knowledge incorporated into national flood and drought prevention and agricultural training programmes in Lao PDR

Activities

- 4.3.1 Annual workshop on CC Agriculture mainstreaming with relevant institutions and organizations at NAFRI

**Project Integration:** Outcome 4 will monitor and extract all significant information on efficiency, effectiveness, impact, sustainability and relevance from components 1-3, and analyze, publish and present it to a local, national, regional or global audience. Policy makers, technical professionals, field workers and farmers in the target villages will be part of a diversified communication and implementation strategy.