

Methods

- Climate change adaptation can foster sustainable development and take countermeasures against deteriorating living conditions (Adger et al., 2003; Masson-Delmotte et al., 2018),
- Implementation of adaptation measures is a rather unexplored project phase with many barriers (Moser and Ekstrom, 2010),
- **Madagascar** is highly vulnerable to the impacts of climate change and one of the poorest countries in the world (Eckstein et al., 2018; UNDP, 2018),
- It has a high risk for extreme weather events, increasing temperatures and decreasing precipitation (World Bank Group, 2011; Zoaharimalala Rabefitia et al., 2008),
- 75% of Malagasy are employed in agricultural sector which is highly impacted due to its dependence on natural resources (Adger et al., 2003; MID et BNGRC, 2013).