

## Results of consultations

**Tableau 1 : Examples of success/failure cases with factors**

| WMA interventions                | Location           | Success or failure | How do you know it                                                                                                                     | Why is it a failure                                                                 | Factors of success                                                                                                                                                                                                                                                                                                                                    |
|----------------------------------|--------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Market Garden Development</b> | Villy (Boulkiemdé) | success            | Willingness of producers ;<br>Increased production ;<br>Livelihood improvement ;<br>Diet improvement ;<br>Increased area of production |                                                                                     | Proximity to a reservoir<br>Contribution of an NGO ;<br>Availability of wells,<br>Financial support during the first year<br>Availability of training centres<br>Gender balance<br>Proximity to big markets (Koudougou, Ouagadougou) ;<br>Availability of trade network<br>Self management<br>Availability of labour<br>Availability of animal manure |
| <b>AMVS</b>                      | Sourou             | failure            | Plots not managed accordingly<br>Equipments not used<br>Unhappiness of producers                                                       | Weak crop yields                                                                    | Political problems (change in governance)<br>Weak accessibility<br>Weak market<br>Permanent flood<br>High cost of plots<br>High cost of production                                                                                                                                                                                                    |
| <b>Arboriculture</b>             | <b>Kou valley</b>  | <b>failure</b>     | publications ;<br>complains from producers<br>increased banditry                                                                       | Unknown criteria for management<br>No study on market before<br>Management problems | Native people refused to get involved<br>Increased immigration<br>Failure of the SAVANA industry;<br>Political factors ;<br>Weak market ;                                                                                                                                                                                                             |
| <b>Fruit arboriculture</b>       | Orodara            | Success            | Studies, dissertations, reports                                                                                                        | Increased production                                                                | Good climate and soil ;                                                                                                                                                                                                                                                                                                                               |

| WMA interventions                                | Location        | Success or failure | How do you know it                                                                                                                        | Why is it a failure                                                        | Factors of success                                                                                                                                                    |
|--------------------------------------------------|-----------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                  |                 |                    |                                                                                                                                           |                                                                            | Proximity of big markets;                                                                                                                                             |
| <b>Small reservoirs/ponds</b>                    | Sahel burkinabé | Success            | reports ;<br>increased number of Boulis;                                                                                                  | Multiple uses;<br>Commitment of producers                                  | Lack of rain and surface water ;<br>Reasonable cost ;<br>Strong participation of the population ;<br>Secure the agro-sylvo-pastoral activities ;<br>Easy to construct |
| <b>Small reservoirs/ponds</b>                    | Sahel burkinabé | failure            | reports ;<br>observable on the ground                                                                                                     | No water in boulis ;                                                       | Terrain not adapted ;<br>Conflicts between users ;<br>Weak engagement of people ;                                                                                     |
| <b>Small reservoirs/ponds for storing runoff</b> | Thougou Yatenga | success            | reports                                                                                                                                   |                                                                            | Decrease of the degradation                                                                                                                                           |
| <b>Supplemental irrigation for rice</b>          |                 | failure            |                                                                                                                                           |                                                                            | Weak equipment ;<br>High cost ;<br>Conflictual use of water ;<br>No respect of the calendar                                                                           |
| <b>Drip irrigation</b>                           | Yatenga         | failure            | No engagement ;                                                                                                                           | System not well known                                                      | High cost of investment ;<br>Not accessible ;<br>Unknown technologies ;                                                                                               |
| <b>Small reservoirs</b>                          | Oubritenga      | success            | High demand ;<br>Increased crop production<br>Increased availability of water for livestock<br>Multiple uses ;<br>Reduced out-migration ; | Diversification of the production<br>Increased cropland<br>Improved income | Empowerment of users<br>Technical and financial supports from NGOs<br>Strong commitment of<br>Increased demand                                                        |

| <b>WMA interventions</b>                                                         | <b>Location</b>                                    | <b>Success or failure</b> | <b>How do you know it</b>                                                                            | <b>Why is it a failure</b>                                                         | <b>Factors of success</b>                                                                                                             |
|----------------------------------------------------------------------------------|----------------------------------------------------|---------------------------|------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| <b>Pedal pumps</b>                                                               | DANDE (Bobo-Dioulasso)                             | failure                   | reports                                                                                              | Abandonment of the pumps                                                           | Difficult in use<br>May cause abortion of pregnancies<br>producers not trained for the use<br>reduce the level of water table         |
| <b>Livestock wells</b>                                                           | Forage Christine (Oudalan)                         | Success                   | Used by breeders<br>Increased number of breeders<br>assessment from the ministry of animal resources | Improved access to water by animals<br>Availability of water for human and animals | Availability of under ground water<br>Good collaboration between users                                                                |
| <b>Livestock wells</b>                                                           | Forage Christine (Oudalan)                         | failure                   | unused                                                                                               | Not operating                                                                      | Conflicts between users<br>overgrazing<br>insecurity                                                                                  |
| <b>WSC technologies (Half-moon runoff barriers, stone bunds (Zaï,) mulching)</b> | Yatenga<br>Bam<br>Passore<br>Zandoma<br>Samantenga | Success                   | Published papers and reports                                                                         |                                                                                    | Survival strategies<br>Availability of human resources<br>Availability of stones<br>Financial supports from NGOs<br>Political support |