

**Appendix II: Category system for qualitative content analysis according to MAYRING (2015)**

List of codes	Description of the codes
Information behaviour before decision-making	<p>Definition: Information behaviour comprises the procedure for obtaining information on SSNF in order to be able to make an investment decision. It includes the type of information search.</p> <p>Coding rule: Behaviour and approach to gather information for the investment decision.</p>
Sources of information before decision-making	<p>Definition: The sources of information used to make the final investment decision.</p> <p>Coding rule: Contact persons, institutions, formats, events that were used to make the investment decision.</p>
Reasons for the investment	<p>Definition: Reasons that spoke in favour of the investment from the farmer's perspective. This includes the expected added value.</p> <p>Coding rule: Farmers' expectations, reasons, benefits of SSNF before first use on their own farm</p>
Characterisation of the implementation phase	<p>Definition: Description of the first phase of use on the farm after acquiring the SSNF. Perceived obstacles are included.</p> <p>Coding rule: Description of the phase(s), obstacles/difficulties in the initial period, and positive experiences.</p>
Time required for implementation	<p>Definition: Time required to be able to use SSNF regularly in everyday farm work.</p> <p>Coding rule: Time information and estimates of the perceived time expenditure.</p>
Contact persons during implementation and reasons for this	<p>Definition: Persons and institutions who were contacted and supported during the implementation phase.</p> <p>Coding rule: Persons and institutions contacted (and supported) by farmers during the implementation phase. Reasons for utilising them.</p>
Desired contact persons and support formats	<p>Definition: Contact persons and formats of support that were lacking and are therefore desired in the future.</p> <p>Coding rule: Forms and types of support as well as the corresponding contact persons that are (additionally) desired in the future.</p>
Change in own approach to the implementation process	<p>Definition: Aspects and actions that the farmer would do differently (in retrospect) if the programme were implemented again, and the reasons for this.</p> <p>Coding rule: Alternative actions and procedures, reasons for certain procedures</p>
Expectations versus reality	<p>Definition: Farmers' resume as to whether or not expectations were fulfilled in reality after implementation.</p> <p>Coding rule: Expectations, disappointments, discrepancies</p>

Type of changes in the everyday farm work	Type and nature of the perceived change in work areas and activities in everyday farm work as a result of the implementation of SSNF.
→ Activities that have changed in the everyday work routine	<p>Definition: Activities that have changed in everyday farm work as a result of the implementation of SSNF.</p> <p>Coding rule: Activities and type of change, categorisation into types of impact:</p> <ul style="list-style-type: none"> <li>i. boosting effects (efficiency improvement of existing activities),</li> <li>ii. depleting effects (deterioration in the efficiency of existing activities)</li> <li>iii. enabling effects (creation of new opportunities)</li> <li>iv. disabling effects (reduction of existing opportunities)</li> </ul>
Subjective assessment variables for changes	<p>Definition: Factors, variables that farmers use to identify changes.</p> <p>Coding rule: factors, variables, indicators.</p>
Assessment of changes over time	<p>Definition: Perception of when the first impacts occurred and whether they have changed over time.</p> <p>Coding rule: time/time frame of the first effects, degree and type of change in effects over a period of time</p>
Experiencing stress and relief in everyday farm work	<p>Definition: Perception of strain and relief in everyday farm work by the SSNF</p> <p>Coding rule: Degree of burden and relief, especially stressful/relieving changes</p>
Influence of the implemented SSNF on the feeling of stress	<p>Definition: Type of changes in the perceived level of stress in everyday farm work due to the implementation of SSNF</p> <p>Coding rule: Perception of stress levels and categorisation of these, changes to status without SSNF</p>
Progression of stress levels during the implementation process	<p>Definition: Change in negative stress levels over the entire implementation process, highlighting differences and particularly 'stressful' phases.</p> <p>Coding rule: Categorisation of stress levels in different periods of the implementation process</p>
Residual category	