

# **Coding Frame for Analysis of Semi-Structured Target Household Interviews in Rwanda**

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## 1 Commodification of production and reproduction

### Description

This code applies to the *process* of becoming integrated in market exchanges and market creation. It therefore includes a temporal/historical element. It is important to look for indirect links, such as when reproductive work, e.g. own consumption or care, support marketed production. A possible indicator is how road access connected respondents to labour or output markets or the rise of competitive pressures. Commodification of land, labour and output is especially important. The sphere of market exchange/trade/finance is not included here because it is by definition already commodified.

### Decision rule

Segments about market participation or the working of markets themselves should go under the respective codes, e.g. labour market aspects under "Hired labour", land market aspects under "Access/ownership of land and other MoP", the same goes for output markets.

## 2 Production relations

### Description

This dimension applies to the technical side of production (the production process) and relations of production and property. Indicators are decisions about the organisation of production (e.g. what to produce) and the access to and use of land and labour. Temporal aspects (e.g. the history of sharecropping or seasonal fluctuations in workers or coffee output) are also captured if they pertain to relations of production. The same goes for comparisons between different arrangements (e.g. among various crop or payment types) and preferences (likes and dislikes). It also includes instances where the state acts in the realm of production.

### 2.1 Production process

#### 2.1.1 Decision-making

##### Description

This code applies to decisions regarding planting and output.

#### 2.1.2 Terracing/Land-use consolidation

##### Description

This code covers agronomic and socio-economic aspects of terracing and land-use consolidation, as well as its advantages and disadvantages. It is not a land reallocation but more about the organisation of production which is why it is not under land/MoP.

#### 2.1.3 Coffee production and price

##### Description

This code applies to descriptions of and opinions on coffee production. This includes agronomic and socio-economic aspects (e.g. coffee price fluctuations), as well as reasons for (not) growing coffee and impact of coffee production.

**Decision rule**

Inputs specifically in relation to coffee production are coded under "Coffee production and price". The use of money from selling coffee is usually coded under "Coffee production and price" but can be double coded under "Financial relations" if very relevant. Work at the coffee washing station should be coded under "hired labour".

**2.1.4 Non-market exchanges of output****Description**

This code applies to exchanges that do not pass through a market (static dimension). A typical indicator is bartering or bands of solidarity/food sharing and own consumption.

**2.1.5 Other aspects of production****Description**

This code is a residual category.

**2.2 Land/MoP****2.2.1 Access/ownership of land and other MoP****Description**

This code applies to access to any means of production including tools, seeds, fertiliser, fishing equipment and various land types (marshland, grazing land, etc). This includes market (e.g. cash renting, sales and purchases) and non-market transactions (e.g. through inheritance or marriage) as well as the process of finding landlords and land registration.

**Decision rule**

Inputs specifically in relation to coffee production are coded under "Coffee production and price". The process of finding landlords as well as cash renting are coded under "Access/ownership of land and other MoP".

**2.2.2 Land scarcity and conflicts****Description**

This codes captures conflicts around land as well as reasons for and effects of land scarcity. What land disputes are often about and how they get resolved is of particular interest.

**2.3 Work****Description**

Cross-cutting themes like the workload or seasonal fluctuations get coded under the respective type of work.

**2.3.1 Livelihood portfolio****Description**

This code applies to all the activities and different work engagements they engage in (usually in the introductory part of the interview). It gives an overview of their activities and shows diversity and occupational multiplicity (overall positioning in the relations of production). This includes

comparisons of different work arrangements and reasons for doing them if the focus is on why they do one and not the other. The actual description and experience of each specific production relation will then be coded separately for "Hired labour", "Non-market labour exchange", "Sharecropping", and "Self-employment".

**Decision rule**

If the focus is on one type of work arrangement alone and not really on the relation with other worker arrangements, e.g. reasons for (not) labour exchange or preference of being paid in cash or in kind it would be coded under that specific arrangement.

**2.3.2 Hired labour****Description**

This code captures wage employment (paid in kind or cash), including recruitment, working conditions and pay.

**Decision rule**

VUP and umuganda will generally be coded as "Irrelevant"

**2.3.3 Non-market labour exchange****Description**

This code captures the working and experience of labour exchanges.

**2.3.4 Sharecropping****Description**

This code captures land sharecropping including recruitment of sharecroppers.

**Decision rule**

The process of finding landlords as well as cash renting are coded under "Access/ownership of land and other MoP".

**2.3.5 Kuragiza****Description**

This code captures animal sharecropping (kuragiza).

**2.3.6 Self-employment****Description**

This code captures own-account work (agricultural or otherwise).

**Decision rule**

Intra-household division of labour aspects are coded under "Intra-household relations".

### 2.3.7 Fishing

#### Description

This code applies to all fishing-related activities - be it self-employed or wage work. Only one of the three villages had lake access so the fishing code applies only there.

### 2.3.8 Migration/sleeping away

#### Description

This code captures migration as defined than having to sleep away from home. It does not include daily commutes or mobility aspects. Moving places permanently (e.g. after the genocide) is also not coded here unless the focus is on production relations.

## 3 Trading and finance

#### Description

This codes applies to the selling and buying of and output as well as to financial relations. This includes trading.

### 3.1 Financial relations

#### Description

This code applies to financial market and non-market relations. It includes lending and borrowing of money, debts and remittances transfers. It does not matter whether they are formal (SACCO or bank) or informal relations.

#### Decision rule

The lending and borrowing of means of production should be coded with "access/ownership of land and other MoP". Lending and borrowing of food with "non-market exchanges of output".

ROSCA's are to be coded under "Financial relations", not agency.

The use of money from selling coffee is usually coded under "Coffee production and price" but can be double coded under "Financial relations" if very relevant.

### 3.2 Output markets and trading

#### Description

This codes applies to the selling and buying (unless it is labour or means of production which have their own codes). This includes reasons for selling, seasonal and price fluctuations as well as the buying of food. It includes decisions about what to (not) sell and restaurants, shops and bars.

#### Decision rule

Aspects of coffee production, especially coffee price fluctuations, are to be coded under "coffee production".

## 4 Power relations

#### Description

This dimension covers relational aspects of how people engage with others and place themselves in relation to others. Including using favour and clientilism.

## 4.1 Power relations in the realm of production

### Decision rules

This code excludes collective action (e.g. worker groups) and gender which each have their own code.

### Decision rule

Acts of resistance or avoidance in the realm of production go to "Power relations in the realm of production", not agency.

### 4.1.1 Relationships between tenants and landlords

#### Description

This code applies to sharecropping and rental arrangements.

### 4.1.2 Relationships with co-workers

#### Description

This code applies to workers on the same level under any work arrangements (e.g. wage work or labour exchange) except household work which would be coded under "intra-household relations".

### 4.1.3 Relationships between employees and superiors

#### Description

This code applies to hierarchical work relationships (i.e. not just to bosses and workers but to workers and their superior/foreman). It includes conflicts and ways of ensuring discipline.

#### Decision rule

Acts of resistance are coded under "Agency or coping".

## 4.2 Collective action and associations

### Description

This code applies not only to associational structures such as cooperatives and worker groups but also to forms of inter-household collective action (this does not presuppose a shared identity). It includes barriers of entry and reasons for joining.

## 4.3 Relations with the state

### Description

This code only applies to segments where the power of the state itself is the main theme, e.g. how restrictions are felt and judged or how state intervention feels empowering. It is not interested in the functioning of food support programmes, imihigo or VUP per se that goes beyond the argument for this paper which is more interested into the relations of production. Additionally, we can also consult secondary literature that discusses these programmes.

### Decision rule

If the focus is on how terracing affects production, it would be coded under "Terracing" but if the emphasis is on how there is no choice in following the terracing policy, it would be here.

Relations with the village leaders are coded under "Other power relations".

#### 4.4 Intra-household or family relations

##### **Description**

This code applies to relations between members of the same household. Indicators are segments about the division of labour and marriage. It also include polygamous relations.

##### **Decision rule**

Issues related to land inheritance are coded under "Access/ownership of land and other MoP"

#### 4.5 Gender relations beyond the household

##### 4.5.1 Relations with/experience of female-headed households

##### **Description**

This code applies notably to widowed, separated and divorced women.

##### 4.5.2 Other gender relations beyond the household

##### **Decision rule**

Intra-household gender relations are coded under "Intra-household relations". Any other gender aspects, e.g. in the production process, are coded here.

#### 4.6 Other power relations

##### **Description**

This code captures power aspects that do not fit under any other code. It includes non-gendered stigmatisation, witchcraft and relations with village leaders.

#### 4.7 Disempowerment or coping

##### **Description**

This code applies to general signs and feelings of powerlessness. Specific instances are coded under the respective codes (e.g. "Relations with the state").

#### 4.8 Agency or coping

##### **Description**

This code applies to acts of resistance, signs of agency and includes sentiments of empowerment.

##### **Decision rule**

Cooperative and associational aspects are coded under "Collective action and associations".

Acts of resistance or avoidance in the realm of production go to "Power relations in the realm of production", not agency.

ROSCA's are to be coded under "Financial relations", not agency.

Hypothetical statements (e.g. what they would do with more money) are coded as "Irrelevant" unless it gives us insights into different production arrangements in which case they would be coded under "Production relations".

## 5 Miscellaneous

### **Description**

This code should only be used for segments that cannot be coded with anything else *and* are relevant for the argument of the paper - being interesting in itself is not enough.

## 6 Irrelevant

### **Description**

This code captures anything that is irrelevant to the dimensions of interest and the argument of this paper. This does not mean that it is irrelevant as such or for other papers. This can notably be the case of segments on the standard of living.