



**- International Fund for Agricultural Development –  
- Scouting and Sharing Innovation in Western and Central Africa –**

**- MANUAL PEELING TOOL -**

**I- Background :**

**1. Name of innovation:**

MANUAL PEELING TOOL

**2. Country - Region:**

NIGERIA, WEST AFRICA

**3. Organization:**

NATIONAL CENTRE FOR AGRICULTURAL MECHANIZATION (NCAM), ILORIN

**4. Who is the innovator?**

NCAM

**5. Actors involved:**

NCAM'S TECHNICAL TEAM

**6. Implementation date:**

2005

**7. Type of innovation:**

TECHNOLOGICAL

**II- Key issues :**

**8. Summary:**

Peeling of Cassava roots is a labour and time consuming processing step. It limits the capacity of smallholders to produce derivatives like Gari or Fufu. It is currently mostly done by using ordinary kitchen knives with low output rates. The hand peeler, similar to a potato peeler, allows increased output, less loss of root flesh and a reduction of the risk of injury. It is affordable for smallholders.

**9. What issue does the innovation address?**

- Higher peeling output than by using ordinary kitchen knives
- Peeling exacter: Less waste of root flesh;
- Easy to fabricate
- Increased safety

**10. Key success factors for replication:**

- Availability of materials and equipment.
- Availability of design specifications.
- Dissemination/ promotion

**11. Accessibility:** (Poor, gender, youth, migrants...)

- Micro enterprises
- Accessible and affordable to the poor & youth

**12. Difficulties encountered:**

- Lack of funds to carry out extension activities

**13. Financial aspects:**

Cost - 500.00/unit ⇒ ca. 4 USD

**III- Technical Summary :**

**14.**

CAPACITY: 50kg output/ day  
MATERIAL: Mild Steel/Case hardened steel

**IV- Follow up :**

**15. Key contacts:**

Name	Organization	Email
EXECUTIVE DIRECTOR	NCAM	ncam@skannet.com Kayconi@yahoo.com

**16. Useful web link:**

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**17. Key documents:** (Name of the document + Link or Contact or Co ordinates)

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