

REPUBLIC OF COTE D'IVOIRE
Union – Discipline – Work



Ministry of Agriculture

DEVELOPMENT PROCESS OF THE NATIONAL AGRICULTURAL MECHANIZATION STRATEGY

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OUTLINE OF THE PRESENTATION

- I. CONTEXT AND RATIONALE**
- II. STEPS TOWARDS THE DEVELOPMENT OF THE STRATEGY**
- III. BRIEF PRESENTATION OF THE STRATEGY**
- IV. CONCLUSION**

CONTEXT AND RATIONALE

□ Performance of Ivorian agriculture ...

- ❖ 1st producer and global exporter of cocoa
- ❖ 1st producer and global exporter of cashew nuts
- ❖ 1st producer and global exporter of kola nuts
- ❖ 1st producer of rubber in Africa
- ❖ 3rd producer of palm oil in Africa
- ❖ 4th producer in cotton production in Africa
- ❖ + 10,000,000 tons of food crop production/ year
- ❖ + 1,000,000 tons of rice production/ year
- ❖ More than 20 sectors...

CONTEXT AND RATIONALE

❑ Obtained through...

- ❖ About 5,000,000 agricultural producers
- ❖ Farming on small landholding size (< 3 ha)
- ❖ Using very basic tools : machete, daba, buckets, wells...
- ❖ Practising non intensive agriculture, extensive slash and burn practices

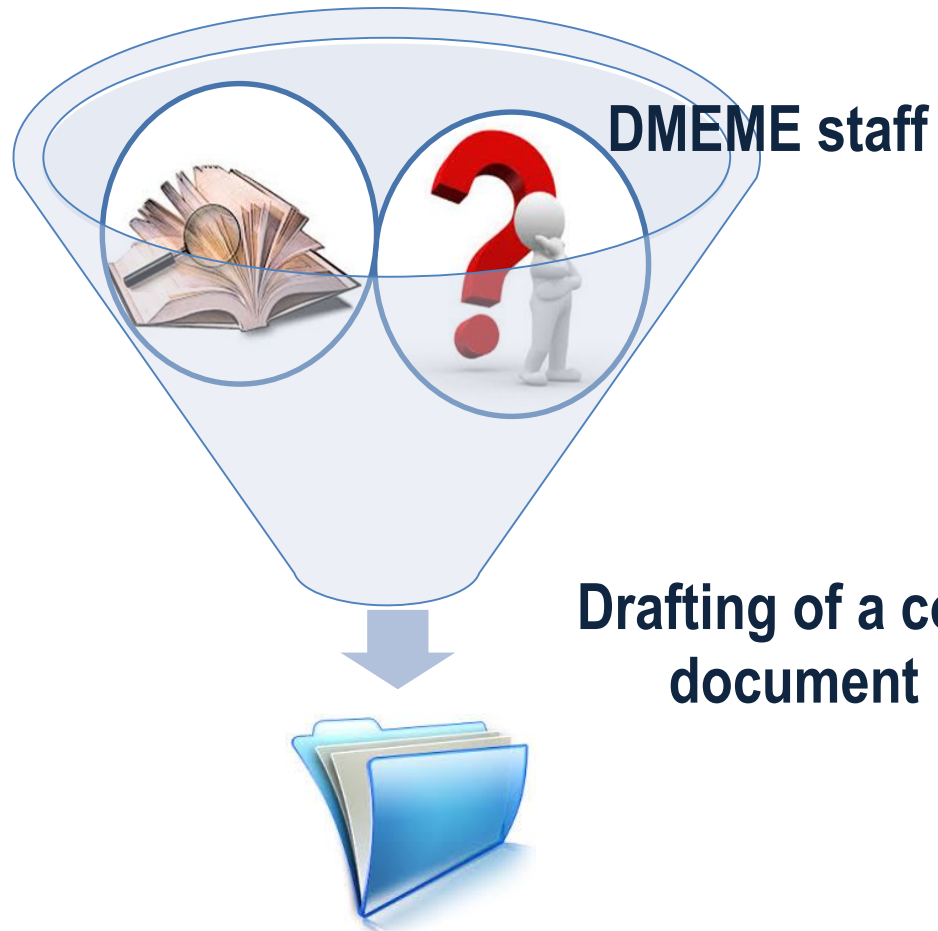
❑ With the following consequences...

- ❖ Low productivity
- ❖ Heavy post-harvest losses
- ❖ Low revenues
- ❖ Drudgery of farm work
- ❖ Aging farming population
- ❖ Agriculture holds little attraction for the youth

STEPS IN THE DEVELOPMENT OF THE STRATEGY

☐ Start-up phase...

Literature review



- ❖ Presentation during a Cabinet meeting
- ❖ Observations and guidelines

STEPS TOWARD THE DEVELOPMENT OF THE STRATEGY

□ Consolidation Phase ...

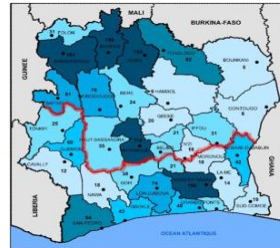
❖ Setting up of a multi-disciplinary working group

- ✓ Administration officers (DMEME-DEP)
- ✓ Extension services (ANADER-CMR)
- ✓ Operational structure (ONDR)



❖ Survey on agricultural motorisation

- ✓ Selection of an extension and rural development facility
- ✓ Definition and validation of the indicators to be collected
- ✓ Grasp the status of agricultural motorisation



❖ Validation of the diagnostic assessment in a national workshop

- ✓ Attended by various mechanisation actors
- ✓ Thematic work



STEPS IN THE DEVELOPMENT OF THE STRATEGY

□ **Process and Contributions from CARD ...**

- ✓ **Technical support from CARD Experts at JICA's request**
- ✓ **Organisation of a video conference between JICA, Experts from CARD and DMEME in order to better understand the context, the vision and objectives set by the SNDMA**
- ✓ **CARD assistance in identifying key factors for successful mechanisation and the economic assessment of some of the actors in the mechanisation chain, setting priorities and the drafting of concept notes for pilot projects for the operationalisation of the strategy**

□ **Validation of the strategy in a national workshop**

- ✓ **Review of the strategy**
- ✓ **Technical contributions from participants**
- ✓ **Observations and recommendations**



BRIEF PRESENTATION OF THE STRATEGY

□ Diagnosis

- ❖ Presents the performance of agriculture in Côte d'Ivoire
- ❖ Lists the difficulties encountered in the agricultural sector
- ❖ Shows the situation of draught animals in agriculture and farm motorisation
- ❖ Analyses a few past agricultural mechanisation initiatives .
- ❖ Presents some agricultural mechanisation projects
- ❖ Conducts a SWOT analysis on agriculture related to agricultural mechanisation
- ❖ Etc.

BRIEF PRESENTATION OF THE STRATEGY

□ Strategic Directions

VISION

Development of **intensive and commercial-oriented agriculture**, that benefits from improved access to mechanization contributed by the private sector with the government facilitation.

MAIN OBJECTIVE

To integrate sustainable agricultural mechanization in production systems in order to increase productivity and improve farmers' working conditions and performance.

SPECIFIC OBJECTIVES

- ❖ To have suitable equipment to the agro-ecological conditions of the farms ;
- ❖ To popularize motorized agricultural operations in the production areas;
- ❖ To reduce the drudgery of agricultural work and improve farmers' revenues;
- ❖ To foster the emergence of dynamic private sector in the agricultural mechanization sub-sector.

BRIEF PRESENTATION OF THE STRATEGY

□ **AREA 1: Facilitating access to mechanized equipment**

- ❖ Popularising motorised agricultural operations
- ❖ Encouraging the creation of maintenance workshops in production areas
- ❖ Enabling stakeholders to develop agricultural mechanization business.
- ❖ Reducing the price of equipment, mechanization inputs and the cost of agricultural mechanization operations.

□ **AREA 2: Training of actors in the Mechanisation Sub-Sector**

- ❖ Training different actors in agricultural mechanisation in different techniques of agricultural machinery
- ❖ Rehabilitating the training facilities (equipment, infrastructure, etc.)
- ❖ Development of the training curriculum

□ **AREA 3: Improvement of the institutional and regulatory environment**

- ❖ Enhancing the technical capacities of actors
- ❖ Investing in development research
- ❖ Bringing petroleum products closer to agricultural production zones
- ❖ Subsidizing oil products for the agricultural sector
- ❖ Establishing a monitoring system for agricultural equipment in the field

BRIEF PRESENTATION OF THE STRATEGY

N°	Projects	Amount (F CFA)
1	Support project for the mechanization of vegetable gardening in Marabadiassa	595,430,000
2	Support project for the mechanisation of irrigated rice production in Sakassou and M'bahiakro	459,800,000
3	Support Project for Research / Development of tuber crops	421,300,000
4	Support Project for the mechanization of maize production	559,900,000
5	Project to improve the regulatory and organisational framework of agricultural mechanisation	75,900,000
6	Project on the establishment of a centre of excellence for training in agricultural mechanization	2,600,400,000
7	Project on the promotion of draft animals in the Marahoué region	625,900,000
	Total	5,338,630,000

CONCLUSION

- ❑ Strategy for realistic mechanisation
- ❑ Implementing based on the economic profitability of farms
- ❑ It leverages on the provision of agricultural mechanization services to farmers
- ❑ It is a gradual reintroduction of agricultural mechanization
- ❑ It was carried out through efforts of the working group and the contribution of the various players in agricultural mechanization, with financial and technical support from JICA / CARD.

National strategy for mechanization actors in the development of mechanization in Côte d'Ivoire



THANK YOU FOR YOUR ATTENTION