



# PAEPARD



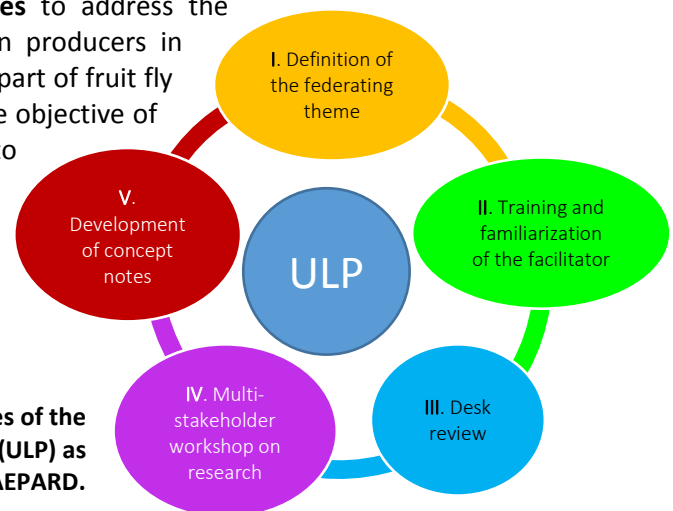
## COLEACP<sup>1</sup> USERS LED PROCESS

**1 Theme: « Adding value to mango non-food uses in West-Africa »**

**3 Sub-themes: « Cosmetics, Animal Feed, Energy-Compost »**

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COLEACP, representing the private sector in PAEPARD, has committed itself alongside the other PAEPARD regional partner organisations to an inclusive partnership process with the goal of better meeting the needs of research users. This fifth-stage partnership formation process began in 2012 based on **added-value uses of unmarketable mangoes** to address the problems of additional costs incurred by West African producers in regular clearing of their orchards, an essential action as part of fruit fly management. COLEACP's Users-Led Process set itself the objective of creating value throughout the chain, from producer to the end user of semi-finished or finished products. This value is to promote job creation for young people in rural areas, through supporting sustainable economic activities set up in particular by women entrepreneurs or entrepreneurial women's groups.



**Figure 1 – Stages of the Users Led Process (ULP) as developed by PAEPARD.**

The process, initially comprising 5 stages, is now set for two additional stages - Stage 6: seeking funding, and Stage 7: development and submission of research proposals to donors. 4 West African countries are involved in this process (Burkina Faso, Côte d'Ivoire, Mali and Senegal), as they represent the main African producer countries (nearly 520,000 tons) and the main mango suppliers to the European market (nearly 40,000 ton). COLEACP has been able to validate the main theme with major operators, through Desk studies conducted by Agricultural Innovation Facilitators and the Regional workshop, but also the three sub-themes focused on Cosmetics (aimed at international markets), Livestock feeds and Energy-Compost (aimed at the local and regional markets). Three multi-stakeholder consortia, comprising around ten members represented by African and European Research institutions and NGOs, producers, exporters, processors, African professional organizations and European importers were created in 2014, each to handle one of the three sub-themes. They developed three concept notes which reiterate the main research avenues on which these consortia will work:

- **Cosmetics:** new mango butter extraction process, without using a petrochemicals derived solvent;
- **Energy-Compost:** the positive contributions of the mango to the methanization process, added-value use of the kernel shell as a fuel, and enriching compost to combat soil degradation;
- **Livestock feeds:** processing of mango waste, incorporation in other feeds and analysis of qualitative contributions to meat production.

<sup>1</sup> Liaison Committee Europe-Africa-Caribbean-Pacific for the promotion of horticultural exports

**Figure 2 – Inception workshop of the PAEPARD consortia, October 2014, Ouagadougou, Burkina Faso.**



The consortia drew up their concept note and a work plan aimed at refining their research proposals in order to improve their responses to future funding applications. They developed their research activities within their individual structures, with the support of members' expertise (Energy-Compost- 2015), established economic partnerships between consortia members (Energy-Compost/Cosmetics-2015), and with the support of the Research Coordinator for the European partners which could provide technical expertise, but also eventually a commercial outlet (European Biofach/Vivanness trade fair, 2015 and 2016, Cosmetics and Energy-Compost consortia, Figures 3-4).

The consortia now have an intranet platform set up by PAEPARD during the 3rd quarter of 2015, thus enhancing internal communication between members but also with the ULP Coordinator. Eventually, each of these electronic platforms should present a higher profile to future partners who might be interested in the projects developed by the consortia.



**Figures 3-4 – European Biofach/Vivanness trade fair, February 2016, Nuremberg, Germany.**



In 2016, the consortia will step up their efforts to identify funding sources via international backers, international development support programmes or consortium member partners to support their research proposals and their development in relation to their theme. Research proposals will be developed via drafting workshops funded by PAEPARD incentive funds, and will then be submitted to the backers.

- **Implementation of research and application of its outcomes by the beneficiaries**
- **Build up and support of economic activities within and between the consortia through regional incubators and international business support organizations**

The research results are to be applied to beneficiaries throughout the value chain, with the following consequences: business development for the local stakeholders, a solution to under-employment among young people and support for women entrepreneurs involved in these mango production regions, thereby promoting the development of year-round commercial activities, outside of the mango production and export period.



## COLEACP-ULP consortia membres

Cosmetics Consortium	Livestock feeds Consortium	Energie-compost Consortium
DACOM (Burkina Faso)	Institut National de l'Environnement et des Recherches Agricoles - INERA (Burkina Faso)	SNV Burkina (Burkina Faso)
PEEGDA RIMA (Burkina Faso)	PEEGDA RIMA (Burkina Faso)	GEBANA (Burkina Faso)
BURKINATURE (Burkina Faso)	GEBANA (Burkina Faso)	PEEGDA RIMA (Burkina Faso)
Association des Producteurs de Mangues du Burkina Faso - APROMA-B (Burkina Faso)	Association des Producteurs de Mangues du Burkina Faso - APROMA-B (Burkina Faso)	Association des Producteurs de Mangues du Burkina Faso - APROMA-B (Burkina Faso)
PREMICES (Burkina Faso)	ÊTRE COMME LES AUTRES - ECLA (Burkina Faso)	ÊTRE COMME LES AUTRES - ECLA (Burkina Faso)
MANGO-SO (Burkina Faso)	Fonds Interprofessionnel pour la Recherche et le Conseil Agricole – FIRCA (Côte d'Ivoire)	Institut National de l'Environnement et des Recherches Agricoles - INERA (Burkina Faso)
Fonds Interprofessionnel pour la Recherche et le Conseil Agricole – FIRCA (Côte d'Ivoire)	Laboratoire des Procédés Industriels, de Synthèse, de l'Environnement et des Énergies Nouvelles / Institut National Polytechnique Félix HOUPHOUËT-BOIGNY – LAPISEN - INP-HB (Côte d'Ivoire)	Association Régionale des exportateurs de Mangues (Côte d'Ivoire)
Laboratoire des Procédés Industriels, de Synthèse, de l'Environnement et des Énergies Nouvelles / Institut National Polytechnique Félix HOUPHOUËT-BOIGNY – LAPISEN - INP-HB (Côte d'Ivoire)	Ecole Inter-Etats des Sciences et Médecine Vétérinaire - EISMV (Sénégal)	Fonds Interprofessionnel pour la Recherche et le Conseil Agricole - FIRCA (Côte d'Ivoire)
Laboratoires BIOESSENCE (Sénégal)	ACTIONS SUD (Sénégal)	SODIPEX/LERISA (Côte d'Ivoire)
Wageningen University Research Center (Pays-Bas)	Aide au Développement Gembloux (Belgique)	Interprofession de la Filière Mangué du Mali – IFM (Mali)
		AGRICONCEPT (Sénégal)
		Western Africa Biowastes for Energy and Fertilizer - WABEF (Sénégal)
		Wageningen University Research Center (Pays-Bas)
		Aide au Développement Gembloux (Belgique)

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The Platform for Africa-Europe Partnership in Agricultural Research for Development (**PAEPARD**) is an 8-year project sponsored by the European Commission (80%) and partners' own contribution (20%). It is coordinated by the Forum for Agricultural Research in Africa (**FARA**) since December 2009, and extended until end of 2017.

It aims at building joint African-European multi-stakeholder partnerships in agricultural research for development (ARD) contributing to achieving the Millennium and the Sustainable Development Goals. On the European side, the partners are **AGRINATURA** (The European Alliance on Agriculture Knowledge for Development, coordinating the European partners), **COLEACP** (representing the private sector), CSA (representing the NGOs), ICRA, specialized in capacity building in ARD, and the Technical Centre for Agricultural and Rural Cooperation (**CTA**). On the African side and in addition to FARA, the partners are the Pan-African Farmers Organization (**PAFO**), the Regional Universities Forum for Capacity Building in Agriculture (**RUFORUM**) based in Kampala, and the Food, Agriculture and Natural Resources Policy Analysis Network (**FANRPAN**) based in Pretoria. PAFO involves its members that are the Eastern Africa Farmers Federation (**EAFF**) based in Nairobi, the Réseau des Organisations Paysannes et des Producteurs d'Afrique de l'Ouest (**ROPPA**) based in Ouagadougou, and the Plate-forme Régionale des Organisations Paysannes d'Afrique Centrale (**PROPAC**) based in Yaoundé. The Southern African Confederation of Agricultural Unions (**SACAU**) is an associate partner of **PAEPARD**.



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