Come take part in sharing agricultural knowledge through the creation of #Academies of Sahelian expertise and experience.

SOS SAHEL is actively involved in the design of innovative solutions and the construction of a dynamic technological ecosystem which will modernize agricultural production and strengthen food value chains for the economic inclusion of family farmers in the Sahel.

Collaborative problem solving, and the development, application and sharing of technological solutions will be concentrated and brought to life within the framework of an annual AGRI-HACKATHON.

SPARK2050, the broader platform, will serve as the base for these processes until 10 innovative agricultural technologies are identified to be deployed over 30 years, thus transforming the lives of 300 million Sahelians.

The Africa Camp aims to bring together all players - producers, leaders of cooperatives, economic operators, social enterprises, NGOs, local elected officials, leaders of civil society, communications advisors, development agents, researchers, instructors – to identify their needs and conceptualize innovative solutions that will modernize, adapt and scale up African agriculture processes.

Among other things, these solutions will help stakeholders across the region, support local initiatives, structure an inclusive economy for young people and women, link actors to one another, disseminate knowledge, support development policies, and strengthen and enhance skills to ensure local action is more effective.

THREE CORE THEMES OF LOCAL DEVELOPMENT

The objective of the Africa Camp is to share thoughts and ideas about innovative solutions that could aid in the dissemination of knowledge as it pertains to development issues in the Sahel. This work will be entrusted to six small groups of people from different backgrounds. Each group will work on one of the three themes below. These ideas and concepts will then be assigned to the participants of SOS SAHEL’s Agri-Hackathon who will be tasked with developing the technological solution. The Agri-Hackathon will take place in May 2020.
Theme 3: How to disseminate information and knowledge useful for strengthening Sahelian agricultural value chains?

Fonio, arabic gum, shea butter, cowpeas, and baobab fruit are among the many promising Sahelian products that lack a market structure. Cooperative groups for these products are limited, poorly equipped, they don’t provide effective services, nor do they have the capacity to represent and defend their members. Even at this stage, the processing of these products is up against many technical and economic restraints and the market for these items are poorly understood.

How can we collect and share information related to these value chains, to improve the practice of producers, support cooperatives, enhance storage capacity, monitor markets and prices, and facilitate the visibility marketing of this sector?

An application dedicated to each sector would make it possible to share knowledge on production practices, locate production sites, track market changes, create change and build visibility among marketing networks to facilitate distribution. **Ultimately, a dedicated application will allow for better organization of the sector and will connect actors to one another so that they can exchange views and collaborate on actions.**
The Various Actors

- State technical services
- Infrastructure, Equipment
- Basic social needs
- National market
- Local market
- Capital from natural resources
- Capital of agricultural production
- Energy
- Security
Solution 5 Brief: “Linguère BA Zinder”

Theme 3: How to disseminate information and knowledge that are useful for strengthening Sahelian agricultural value chains?

Why do we need an innovative solution?

We have found that local producers and processors, like our character Mariama Linguère who faces many constraints in the Sahel:

- Climate inconsistencies
- Lack of knowledge of the market
- Changing regulations
- Lack of training on strengthening agricultural value chains target
- Bias and unfair constraints
- Regulations are not necessarily respected
- Difficulties accessing markets
- International competition
- Price quality issues
- Problems training others
- Problems mastering management tools

What is the “Linguère Ba Zinder” solution for?

The solution must create impact effects on other organizations. They will want to order the solution to contribute to increase their productivity and knowledge diffusion.

The objectives of the solution are to:

- Offer local training;
- Train and retrain the "Mariama Linguere" (ML) team in management and accounting skills;
- Put ML in touch with actors involved in the clothing and production fields and various processing structures;
- Learn to make organic packaging, work with shopping centers and have a large lobbying network;
- Understand market needs in real time and without internet access;
- Help ML package its products well;
- Inform ML of new consumer trends;
- Help and strengthen ML to make quality products;
- Promote ML products;
- Equip ML with the regulations;
- Allow ML to access markets and ensure availability of products.
**Who will use the solution and on what scale?**

The solution will be global (an entire field or perimeter, a market, etc.) but it must also offer individual accounts to allow the person to use it separately according to their profile. The perimeter will be a country with impact on other areas, even the Sahel.

The solutions will take into account all conditions including mobile phones and local languages, regardless of climate stressors.

**How does the intended end user imagine the proposed solution will work?**

The solution will be used in the field, in markets, in fairs and in any weather or climate conditions.