





#### For sustainable agricultural innovations in the Sahel, an analytical framework for sustainability and scaling

First synthesis note from the Inter-DeSIRA regional workshop, held from 5 to 7 March 2024 in Salv (Sénégal)

#### DISSEM-INN IN A NUTSHELL

Funded by AFD and coordinated by CIRAD, the project "Dissemination of innovations in the Sahel region (DISSEM-INN)" concerns a set of eight projects' launched under the European DeSIRA\* initiative and implemented in the Sahel region. These projects contribute to the development of sustainable, climate-resilient agri-food systems by focusing on innovation processes, each in a specific field. DISSEM-INN aims to capitalise on their practices and invites them to collectively reflect on the sustainability and the scaling of their innovations.

The Sahel faces significant challenges in terms of food security and climate resilience. Agricultural innovations are crucial to address these challenges, yet for many, ensuring they are sustained over time and deployed on a larger scale is proving difficult. An analytical framework, developed by DISSEM-INN and applied during a sub-regional workshop to 16 innovations characteristic of these eight DeSIRA projects, highlights key factors to address these issues of innovation sustainability and scaling.

#### From assumptions to the analytical framework

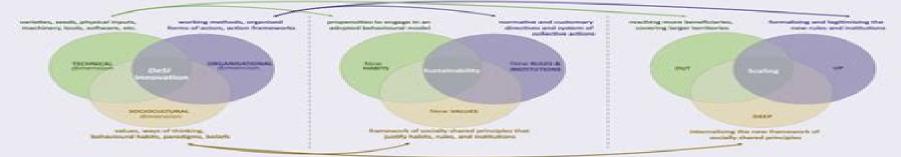
The innovation approach specific to these eight projects - referred to as **DeSI** (Development Smart Innovation) - is characterised by three common principles: a multi-stakeholder approach that is co-constructed and multidimensional. The third principle, multidimensionality, indicates that the projects innovate not only on the technical level, but also on the organisational and sociocultural levels, Based on these initial findings, DISSEM-INN has developed a specific analytical framework applied to three key assumptions (see diagram below):

1. The sustainability of innovations is based on multidimensional nature organisational and sociocultural).

are connections between these dimensions and the three modes of scaling fout. up and deep).

3. Any innovation process that combines these three dimensions carries seeds of scaling.

Illustration and definition of elements of assumptions



1 These projects are: ABEE, ACCEPT, APSAN-Mali, BIOSTAR, CASSECS, FAIR, IRRINN and Health & Territories. They cover a wide range of fields (crop improvement, agroecology, bioenergy, livestock, irrigation, health) in six countries of the sub-region (Benin, Burkina Faso, Chad, Mali, Niger and Senegal).

I Led by the European Commission, the DeSIRA initiative (Development Smart Innovation through Research in Agriculture) funds more than 60 projects worldwide that promote innovation in agriculture and the transformation of food systems to make them more climate resilient

# Revitalizing Agricultural Research In The Sahel A Proposed Framework For Action

**Daniela Niemeyer** 

#### Revitalizing Agricultural Research In The Sahel A Proposed Framework For Action:

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