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**ABOUT ARISE** 

Imperial College London







## The numbers of a changing climate

Extreme weather events cause significant damage to global food production and disrupt supply chains

>50% Disruptions to food and fibre supply

chains caused by storms or droughts

120% Prices of key food crops could increase by 50% to 120% as early as

2030

20%

The number of people at risk of hunger is projected to increase by 10% to 20% by 2040, with 65% of these people living in sub-Saharan Africa

THE CHALLENGE

## Effective work programmes

The ARISE project is a series of effective work programmes focusing on five key areas.

These include predicting the likelihood of extreme weather events, assessing weather and agricultural risk to farmers, managing supply chain risk for farmers, value chains, and countries, demonstrating livelihood impacts for smallholder farmers, and enabling optimum decision-making metrics for all stakeholders.

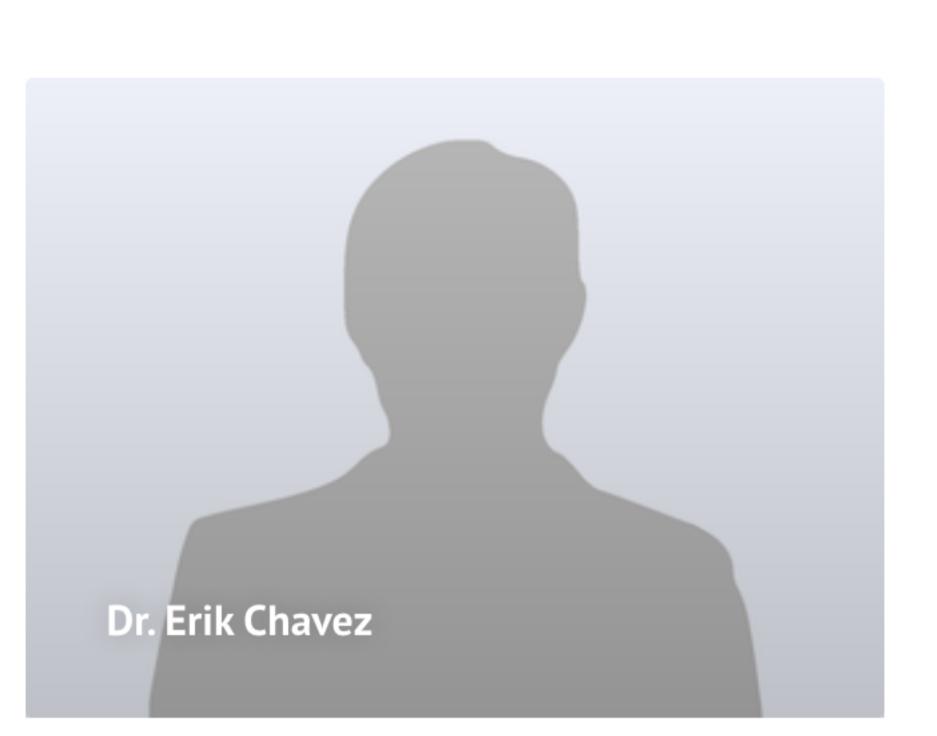
**OUR PROGRAMMES** 

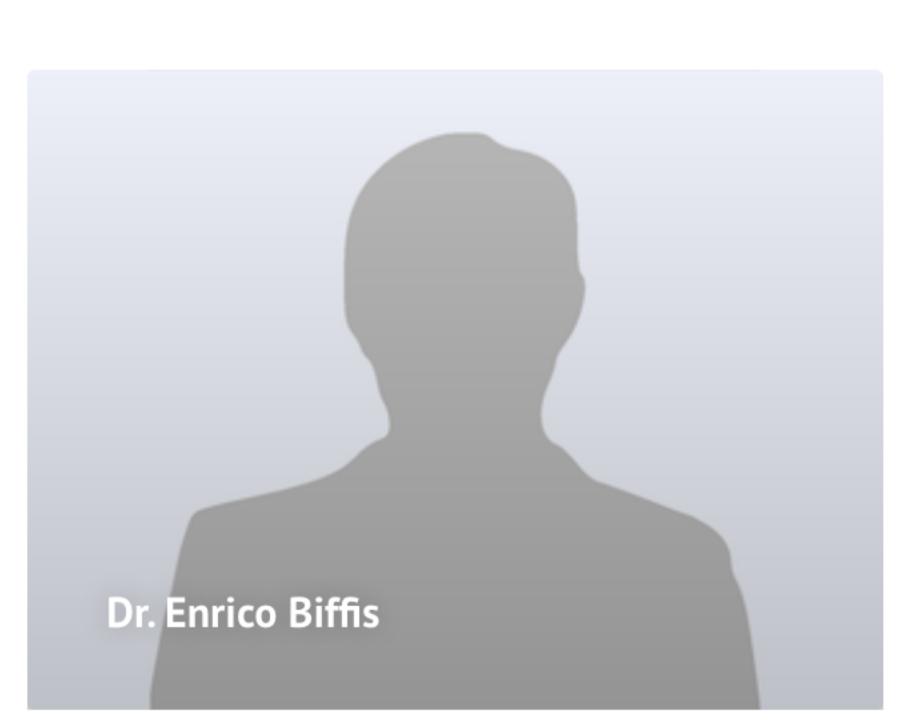


## Decision-making based on transparent metrics

A number of universities across Europe are working together with global institutions, supply chain stakeholders and smallholder farmers to build resilient and sustainable agricultural production systems that protect smallholder farmers and value chain actors alike from climate and weather risks.







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This project is supported by ClimateKIC. ClimateKIC is the EU's main climate innovation initiative supported by the EIT, a European Union body.