



Climate Smart Agriculture BOOSTER

The CSA Booster brings together an ecosystem of partners to identify, assess, demonstrate and implement CSA solutions at scale. It aims to be the leading platform in promoting innovation and investment in CSA technologies, accelerating and scaling the adoption of CSA solutions and facilitating the transition to a climate smart agricultural sector across Europe and beyond.

The CSA Booster envisions an European agricultural sector that:

- will contribute significantly to climate change mitigation by reducing GHG emissions and securing or enhancing carbon sequestration;
- is adaptive and more resilient to climate change while maintaining high productivity;
- can positively impact agricultural sectors across regions and beyond Europe.



Climate-KIC is supported by the
EIT, a body of the European Union



Climate smart solutions for agriculture

Climate change threatens agriculture worldwide. It impacts productivity and stability of food production. Improvements in production systems and livestock breeding, solutions to build resilience and adaptability while seeking opportunities to mitigate GHG emissions are all mission critical.

Climate and economic impacts (by 2020)

- Mitigation (emissions reduction and sequestration): 10 Million tons CO₂ eq/ton reduction p.a.
- Adaptation: €30 Million reduction in cost of damage/loss in value in value chains p.a.
- Economic: Facilitation of €20 Million of CSA-related investment activity p.a.

Integrated set of services

CSA Booster will develop the following services:

- Climate impact and risk assessment
- CSA solution assessment and matchmaking
- Policy and subsidy analysis
- Value chain analysis and optimization
- Financing and CSA insurance solutions
- CSA education and training
- Project development and implementation
 - Focusing on testing/co-design and scaling of CSA solutions
 - Covering innovation stages from ideation to demonstration and scaling
 - On focus areas such as soil and ecosystem adaptation, wine and dairy value chains and urban agriculture
 - Provide co-funding and other de-risking mechanisms
 - Provide access to a diverse network of CSA experts, solution providers, value chain customers, and other CSA stakeholders

Open innovation platform

The CSA Booster will create an Open Innovation Platform, including a community of practice and regional hubs, to facilitate dialogue and interaction between key stakeholders, enable the sharing of knowledge and co-creation between solution providers, and provide and promote practical and scalable CSA tools, services and solutions.

The learnings and expertise gained will also be used to influence and improve policies at the local, regional and European levels.

Contact information

We invite all public and private CSA stakeholders and partners to be part of this global, multi-stakeholder, innovation and solution driven community.

For more information, please visit our website:

csabooster.climate-kic.org

Or contact:

Pan Pan
Flagship Manager
Climate Smart Agriculture (CSA)

email address: pan.pan@climate-kic.org



**Climate Smart Agriculture
Booster**

About Climate-KIC

Climate-KIC is the EU's largest public private partnership addressing climate change through innovation to build a zero carbon economy. We address climate change across four priority themes: urban areas, land use, production systems, climate metrics and finance. Education is at the heart of these themes to inspire and empower the next generation of climate leaders. We run programmes for students, start-ups and innovators across Europe via centres in major cities, convening a community of the best people and organisations. Our approach starts with improving the way people live in cities. Our focus on industry creates the products required for a better living environment, and we look to optimise land use to produce the food people need. Climate-KIC is supported by the European Institute of Innovation and Technology (EIT), a body of the European Union.

www.climate-kic.org