

P522 Ústav výzkumu globální změny AV ČR, v. v. i. (“**KIC Partner Organisation**”)
Bělidla 986/4a, Brno, 603 00, CZ

05.09.2019

Climate-KIC Task Confirmation Letter – SGA 2019

Dear KIC Partner Organisation,

We are pleased to confirm that you or, if applicable, your Linked Third Party, are assigned a specific task (“**Task**”)¹ in connection with Specific Grant Agreement 2019 (**SGA 2019**). Further details are below and in the annexes attached to this letter.

Task ID	TC_2.1.2_191443_P522 -1A
Project Name	Climate Smart Agriculture in CEE innovation challenges
KAVA²	2.1.2
Maximum EIT Reimbursement Rate for Task (%)	100

This task confirmation letter means that Climate-KIC Holding B.V. (**BVH**) will include the Task in the assigned KAVA of the Specific Grant Agreement 2019. Such inclusion is conditional upon the SGA 2019 being agreed and signed between The European Institute of Innovation and Technology (**EIT**) and BVH, who enters into the SGA 2019 on its own behalf and on behalf of the KIC Partner Organisation and others, and upon the Task being capable of inclusion in the assigned KAVA. Please note that more than one task and/or project may run under the same KAVA. This letter replaces any prior Task Confirmation Letter(s) for SGA 2019.

The reimbursement of any costs incurred in connection with the Task and any other activity and support is subject to the eligibility of costs, grant reductions and the other terms and conditions as set out

¹ A Task is the KIC Partner Organisation’s contractual commitment to Climate-KIC in exchange for Climate-KIC’s allocation of a portion of the EIT grant. A Task may be made up of a variety of component parts including, but not limited to, outputs, work packages, deliverables, KPIs, costs (including in respect of cofunding/maximum reimbursement rate), additional conditions (e.g. passage of stage gate reviews) and other items. Where a KIC Partner Organisation (or its Linked Third Party) is specifically named to an item in the Proposal Form, that item should be viewed as forming part of the Task attaching to the KIC Partner Organisation (or its Linked Third Party). KIC Partner Organisations are responsible for any Tasks of a Linked Third Party.

² KIC Added Value Activity – a term specified by EIT in accordance with Article 2(11) of the Consolidated EIT Regulations. In addition to the other provisions of the FPA (and SGA), please be reminded of the requirements of FPA Article 47.1.

herein, in the Framework Partnership Agreement (FPA) between EIT and BVH (as acceded to by the KIC Partner Organisation and others), the SGA 2019 and other related agreements. Any grant reductions notified by EIT at a KAVA (or other aggregate) level will be passed through by BVH to each involved KIC Partner Organisation pro rata to such KIC Partner Organisation's eligible costs in the applicable KAVA (or other aggregate measure). Any prefinance provided in connection with the Task is extended on the condition that the KIC Partner Organisations satisfy all relevant terms and conditions in connection with the Task. If such terms and conditions are not met within the relevant time frame(s), as determined by either Climate KIC or the EIT as the case may be, the KIC Partner Organisation will be obliged to return the prefinance (either directly via payment of an invoice or via an offset against outstanding balances).

This letter, any inclusion of the Task by BVH, any pass through of EIT cost reimbursement, and any other BVH (and group) activity and support is:

- subject to the condition that the Task is executed as detailed in this letter (including any annexes) and passes any stage reviews and other in-year evaluations,
- subject to the terms and conditions as set out in the Partnership/Community Agreement between BVH and the KIC Partner Organisation, whereby such agreement must remain operative for the duration of any BVH activity and support, as well as any Annexes and
- governed by the laws of the Netherlands.

Please also refer to the documents, guidelines and other material communicated by BVH (on its own behalf and on behalf of EIT) from time to time, including as published on our partner information page <http://www.climate-kic.org/partner-information-page/>

We look forward to working with you on this Task. Please do not hesitate to contact your local Climate-KIC office should you have any questions.

Yours Sincerely,

Climate-KIC Holding B.V.

A handwritten signature in black ink, appearing to read 'R. Zaltzman'.

Richard Zaltzman
Chief Operating Officer

Agreed and acknowledged by:

KIC Partner Organisation

Name:

Title:

Date:

Name:

Title:

Date:



Annex 1: Additional Conditions (forms part of the Task)

By signing this letter, you understand and consent to EIT Climate-KIC using and sharing the information you have provided in the section “climate impact estimate” in your proposals to improve the methodology and report to EIT. In particular, the project ID, project title, public summary and climate impact estimates section will be shared with select partners who collaborate with us on this. For any questions, please contact Christine Roehrer.

- **BRANDING PROTOCOLS**

The KIC Partner Organisation and/or Linked Third Party agrees to comply with any branding protocols or branding guidelines communicated by BVH to the KIC Partner Organisation and/or Linked Third Party from time to time (in addition to those set out in the FPA and/or SGA).

Annex 2: Personal Data

The Partner Organisation must comply with applicable data protection legislation including but not limited to the General Data Protection Regulation ((EU) 2016/679 (“GDPR”) and any national implementing laws, regulations and secondary legislation, in each case as amended, supplemented or replaced from time to time.

In providing information to BVH via the Grant Management System/Plaza or otherwise, the Partner Organisation warrants that it has obtained the informed, clear and explicit consent of any data subject whose personal data is submitted to BVH for the submission and onward processing by BVH.

As the Partner Organisation is not bound to follow BVH’s instructions in relation to the processing of personal data handled and shared between the parties in the course of carrying out the Task, both parties are data controllers within the meaning of the General Data Protection Regulation (EU) 2016/679.

BVH will be the primary point of contact for enquiries relating to personal data shared between under this agreement. BVH will be responsible for responding to any requests from users relating to the shared personal data but the data subject may also exercise his/her rights against the Partner Organisation as a data controller and the Partner Organisation must respond promptly.

The Partner Organisation must comply with applicable data protection laws. Furthermore, all processing of personal data must be carried out in line with the BVH Privacy Policy as available on BVH’s corporate website, the terms of which must be accepted by data subjects when any personal data is submitted to BVH.

Project

Project ID	191443
Project Name	Climate Smart Agriculture in CEE innovation challenges
Project Start Date	02 September 2019
Project End Date	31 December 2019
KAVA ID	2.1.2
Report Date	05 September 2019

EIT Climate-KIC Partners

Partner Number and Name	P522 Ústav výzkumu globální změny AV ČR, v. v. i.
Partner Acronym	P522 Czech Globe
Role	Czech Globe will be leading the establishment of the CSA Hub in CEE and the innovation design process for a climate smart agriculture in the CEE. Their role is to coordinate, manage the project and carry out planned activities, deliver the outputs and report on the performance.

PROJECT DESCRIPTION

Project Summary

Land is both a source and a sink of greenhouse gases and plays a key role in the exchange of energy, water and aerosols between the land surface and atmosphere. Sustainable land management can contribute to reducing the negative impacts of multiple stressors, including climate change, on ecosystems and societies. Data available since 1961 show that global population growth and changes in per capita consumption of food, feed, fibre, timber and energy have caused unprecedented rates of land and freshwater use with agriculture currently accounting for ca. 70% of global fresh-water use.

Since the pre-industrial period, the land surface air temperature has risen nearly twice as much as the global average temperature. Climate change, including increases in frequency and intensity of extremes, has adversely impacted food security and terrestrial ecosystems as well as contributed to desertification and land degradation in many regions. Warming has resulted in an increased frequency, intensity and duration of heat-related events, including heat-waves in most land regions. (IPCC Special report on Climate Change and Land, Summary for Policymakers, 2019)

One of the four priorities for EIT Climate-KIC Central and Eastern European regional strategy is Climate Smart Agriculture. The aim of this priority is to identify at least 3 transformational innovative climate smart agriculture solutions in CEE that can be applied helping to alleviate the biggest problems in the region. The project is one building block of the path to achieve this goal. It is preceded by other activities: thorough identification, mapping and selection of CSA stakeholders in CEE; stakeholder engagement; establishment of a CSA Hub for CEE; system mapping to identify the most important intervention points to carry out a transformational change in the agriculture system.

During the implementation of this project, the intention is to work in close collaboration with the key stakeholders of the CSA topic in CEE. This work aims to identify the

1. greatest challenge(s) in CEE agriculture system - in order to make it adaptive to climate change impacts
2. biggest needs for innovation (whether it is technological, business, financial, or social)
3. identify the challenge owner(s) - who will not only own the "problem" but who also have the capacity, power and commitment to start introducing changes, measures to achieve systemic changes.

Public Description

Climate change is projected to alter land conditions with feedbacks on regional climate. In those boreal regions where the treeline migrates northward and/or the growing season lengthens, winter warming will be enhanced due to the decreased snow cover and albedo while warming will be reduced during the growing season because of increased evapotranspiration. Drier soil conditions resulting from climate change can increase the severity of heat waves, while wetter soil conditions have the opposite effect. Desertification amplifies global warming through the release of CO₂ linked with the decrease in vegetation cover. The decrease in vegetation cover tends to increase local albedo, leading to surface cooling.

These are only a few of the more and more severe and frequent, globally discernible impacts of climate change. Local, regional, national and global actions are required to create an agricultural system that can cope with those impacts in order to sustain agricultural production and food security. The EIT Climate-KIC Central and Eastern European region includes 6 countries which all have relevant agricultural activities, and where the changes will result in severe consequences in terms of yield loss, declining agricultural production, and soil productivity, decreasing accessibility of freshwater.

The challenge is to identify at least 3 transformational, innovative climate smart agriculture solutions in CEE that can be applied helping to alleviate the biggest problems in the region. Those will be identified in the course of this designing project, with key stakeholders contribution. The innovation potential will be discovered and identified through a co-design process. The outcome of the design phase will be the deep understanding of the regional challenges, demands for innovation, barriers and the onboarding of a challenge owner, who is not only committed to carry out transformational changes but also has capacity and decision making power over it.

Workplan

In 2019 the design phase will take place.

Work package 1: Initiation phase

Duration: 4-6 weeks (estimated start September, end 15 October)

The aim is to assess the existing knowledge and start planning based on it.

Assessing existing knowledge – stakeholder and project mappings were done in the course of summer 2019 by experts and interns in EIT Climate-KIC. This knowledge will be shared with the key stakeholder group during the first phase.

Desk research for similar initiatives – widening the existing knowledge base with studies, good practices, projects, initiatives, measures, regional scale interventions – for sharing with the key stakeholders.

Inspiration – initiation workshop with the following objectives:

learning from the existing, collected and selected knowledge, and formulating the common vision of the workplan.

Creating a stakeholder engagement strategy based on the stakeholder mapping activities.

Defining communication and knowledge management structures to ensure smooth implementation.

designing a knowledge sharing tool, where step-by-step activities will be described,

creating scenarios, overview of methodologies, interviews with stakeholder, stakeholder perception review templates.

Work package 2: Exploration phase

Duration: 4-6 weeks (estimated start 15 October, end November)

The aim is to create and deliver a shared vision for the innovation potential (Deep Demonstration)

In this phase a link and a dialogue between the system mapping (190592) and this project will be created.

Exploration phase will focus on answering the following:

intention of each stakeholder groups

identifying key bottlenecks for CSA solutions

understanding the different perceptions

collecting and analysing the different “problems” and the barriers behind

discovering the different needs

identifying the different solutions and their impacts, mechanism of action

(suggested method: Pyramiding)

Business and Social Perception Review

(suggested method: Rockefeller Foundation methodology to acquire thorough understanding of common perceptions, misconceptions, key words, motivations, other aspects on collective imagination).

Key content of this work package: Revision workshop with project partners - analysing results of the research and revising any elements of the work.

Work package 3: Design

Duration: 6 weeks (start in November, end December)

The aim is to establish the common knowledge on the entry points to Deep Demonstration, based on identified bottlenecks, and intervention points.

The design of a series of action will take place which will shape the demonstration phase of the innovation.

Most relevant bottlenecks (& intervention points)

Potential interventions for each bottleneck

Methodologies to be used

Series of interventions

Designing potential future scenarios – future solutions (using virtual reality)

Design workshop will review the outcomes of the initiation phase, the exploration phase and compare it with the results of the virtual reality and potential scenarios findings.

Project partners will revise final methods and approaches for the demonstrated innovation(s) related to the selected bottlenecks and confirm transition to phase 4.

Work package 4: Creating the plan

Duration: 4 weeks (December 2019)

The aim is to create a 3-year plan which will deliver on the following objective:

to identify at least 3 transformational, innovative climate smart agriculture solutions in CEE that can be applied helping to alleviate the biggest problems in the region.

The plan will capture theory of change, joint vision, related goals, guidelines for experiments (Deep Demonstrations) and KPIs (where applicable). It will be specific, as in it will outline activities, milestones, required budgets, and any potential risks with migration plans.

The document will be sent to the CSA Hub CEE members for revision and for further processing by EIT.

Work package 5: Project management, coordination and reporting

Duration: through the whole project (September- December 2019)

The aim of the work is to deliver an effective project management and a smooth coordination of partners, contributors, tasks, responsibilities and perform the reporting at the end of the project. The project will be run in partnership between the project leader, Czech Globe Research Institute, EIT Climate-KIC, with active contribution of the CSA Hub CEE members.

External experts and service providers will be also involved when the need for external experience, capacity and skills are high. Peer learning between key stakeholders and project partners will be ensured and managed throughout the project implementation. EIT Climate-KIC CEE team will play enabling and matchmaking role between different actors.

PROJECT OUTREACH AND NETWORK

The main actors in the project will be:

Czech Globe Research Institute

CSA Hub in CEE members

EIT Climate-KIC (CEE and SLU) team

EIT Food.

COMMUNICATIONS/KNOWLEDGE MANAGEMENT:

Knowledge management structure and communication tools will be defined by project partners during the initial phase of the project.

The aim is to design an engaging and consumable process and way of communicating and engaging.

Project Website

Project Acronym

Designing innovation in CSA CEE

Programme Type

WORK PACKAGES

Work Package Code and Title	191443-A1901 - Initiation		
Description	Assessing existing knowledge, Desk research, Inspiration - initiation workshop		
Start & End Date	02-Sep-2019	15-Oct-2019	
Partner Leading Work Package	P522 Ústav výzkumu globální změny AV ČR, v. v. i.		
Budgets	Budget Category	Amount	Justification
	A. Personnel	€ 2,500.00	An expert will be leading the work in the initiation phase.
	B. Sub contracting	€ 3,200.00	Subcontracting will be used for delivering the Initiation-Inspiration workshop in October 2019. Facilitator(s), visual content providers, innovation designers will contribute.
	D1. Travel and subsistence	€ 500.00	Employees travel to workshop venue.
	D3. Cost of other goods and services	€ 2,200.00	Costs related to workshop, such as venue and catering (networking dinner with key stakeholders and contributors).
	E. Indirect Costs	€ 1,300.00	
	Total Costs	€ 9,700.00	
	EIT Contribution	€ 9,700.00	
	EIT Reimbursement Rate	100.00 %	
	Co Funding Rate	0.00 %	

Work Package Code and Title	191443-A1902 - Exploration		
Description	Create and deliver a shared vision on the innovation potential. Identification of stakeholders, bottlenecks, perceptions, problems, barriers, drivers, needs, solutions, impacts, mechanism of action. Business and Social Perception review. Revision workshop.		
Start & End Date	15-Oct-2019	29-Nov-2019	
Partner Leading Work Package	P522 Ústav výzkumu globální změny AV ČR, v. v. i.		
Budgets	Budget Category	Amount	Justification
	A. Personnel	€ 2,000.00	An expert from Czech Globe will work on the exploration phase.
	B. Sub contracting	€ 3,000.00	Subcontracting costs will occur related to the revision workshop. (Facilitator, contributors, audio-visual content creation).
	D1. Travel and subsistence	€ 500.00	Employee travel costs to workshop and meetings.
	D3. Cost of other goods and services	€ 2,000.00	Cost occurring related to the delivery of the "Revision workshop": venue, catering.
	E. Indirect Costs	€ 1,125.00	
	Total Costs	€ 8,625.00	
	EIT Contribution	€ 8,625.00	

EIT Reimbursement Rate	100.00 %
Co Funding Rate	0.00 %

Work Package Code and Title	191443-A1903 - Design		
Description	Establishing a common knowledge on the entry points to Deep Demonstration, based on identified bottlenecks and intervention points. Design workshop.		
Start & End Date	18-Nov-2019	31-Dec-2019	
Partner Leading Work Package	P522 Ústav výzkumu globální změny AV ČR, v. v. i.		
Budgets	Budget Category	Amount	Justification
	B. Sub contracting	€ 4,000.00	Innovation designers fee, workshop facilitators and service providers fee occurs in relation with the design process and the Design workshop.
	D3. Cost of other goods and services	€ 2,000.00	Costs of venue and catering occurring in relation with the Design workshop.
	E. Indirect Costs	€ 500.00	
	Total Costs	€ 6,500.00	
	EIT Contribution	€ 6,500.00	
	EIT Reimbursement Rate	100.00 %	
	Co Funding Rate	0.00 %	

Work Package Code and Title	191443-A1904 - Plan		
Description	Creation of a 3-year plan, including activities, milestones, budget, risks, mitigation plans.		
Start & End Date	02-Dec-2019	31-Dec-2019	
Partner Leading Work Package	P522 Ústav výzkumu globální změny AV ČR, v. v. i.		
Budgets	Budget Category	Amount	Justification
	B. Sub contracting	€ 5,000.00	External experts, innovation designers, experts on theory of change will be subcontracted to contribute to the creation of the 3-year long term plan.
	D1. Travel and subsistence	€ 500.00	Employee travel costs occurring related to meetings.
	E. Indirect Costs	€ 125.00	
	Total Costs	€ 5,625.00	
	EIT Contribution	€ 5,625.00	
	EIT Reimbursement Rate	100.00 %	
	Co Funding Rate	0.00 %	

Work Package Code and Title	191443-A1905 - Project management		
------------------------------------	-----------------------------------	--	--

Description	Project management, coordination and reporting		
Start & End Date	02-Sep-2019	31-Dec-2019	
Partner Leading Work Package	P522 Ústav výzkumu globální změny AV ČR, v. v. i.		
Budgets	Budget Category	Amount	Justification
	A. Personnel	€ 10,000.00	Project management, stakeholder engagement and management, coordination of task implementation and delivery of workshops.
	D1. Travel and subsistence	€ 1,000.00	Travelling to meetings, stakeholder engagement, networking events.
	D3. Cost of other goods and services	€ 500.00	Miscellaneous costs occurring related to project management.
	E. Indirect Costs	€ 2,875.00	
	Total Costs	€ 14,375.00	
	EIT Contribution	€ 14,375.00	
	EIT Reimbursement Rate	100.00 %	
	Co Funding Rate	0.00 %	

EIT Climate-KIC Partners

Person	Work Package Code	Work Package Title	Partner Accountable for Delivery	Role
Kolman, J.K. (Jiri)	191443-A1901	Initiation	P522 Ústav výzkumu globální změny AV ČR, v. v. i.	Work Package Leader
Kolman, J.K. (Jiri)	191443-A1902	Exploration	P522 Ústav výzkumu globální změny AV ČR, v. v. i.	Work Package Leader
Kolman, J.K. (Jiri)	191443-A1903	Design	P522 Ústav výzkumu globální změny AV ČR, v. v. i.	Work Package Leader
Kolman, J.K. (Jiri)	191443-A1904	Plan	P522 Ústav výzkumu globální změny AV ČR, v. v. i.	Work Package Leader
Kolman, J.K. (Jiri)	191443-A1905	Project management	P522 Ústav výzkumu globální změny AV ČR, v. v. i.	Work Package Leader
Kolman, J.K. (Jiri)	191443-A1900	OS-Climate Smart Agriculture in CEE innovation challenges	P522 Ústav výzkumu globální změny AV ČR, v. v. i.	Project Leader

Deliverables & Outputs

Type	Code	Title	Description	Reference to Output	Partner Accountable for Delivery	Due Date
DEL	191443-D01	Demonstrating CSA Innovation Plan 2020-2022	The Plan is a concrete description of actions, responsible stakeholders, engaged partners, tasks, methodologies, outcomes, KPIs, expected impacts, monitoring measures.	191443-O01	P522 Ústav výzkumu globální změny AV ČR, v. v. i.	31 Dec 2019
OUT	191443-O01	Plan for demonstrating climate smart agriculture innovation in CEE	The plan will include the baseline knowledge on stakeholders, bottlenecks, points of interventions, future scenarios, planned activities in 3 year long term.		P522 Ústav výzkumu globální změny AV ČR, v. v. i.	31 Dec 2019

Key Performance Indicators

Type	Code	Title	Description	Target Value
CKIC02	191443-CKIC02	# Innovation Opportunities identified		1
CKIC03	191443-CKIC03	Cities and regions engaged with Climate-KIC on climate innovation		1
CKIC04	191443-CKIC04	# Knowledge Triangle learning and knowledge sharing events held.		2

BUDGET OVERVIEW - COSTS 2019

EIT Climate-KIC Partner	Cost of other goods and services	Indirect costs at flat rate	Personnel costs	Subcontracting costs	Travel and subsistence	Total
	€ 6,700.00	€ 5,925.00	€ 14,500.00	€ 15,200.00	€ 2,500.00	€ 44,825.00
P522 Ústav výzkumu globální změny AV ČR, v. v. i.	€ 6,700.00	€ 5,925.00	€ 14,500.00	€ 15,200.00	€ 2,500.00	€ 44,825.00
Project Costs						

BUDGET OVERVIEW - FUNDING 2019

Partner	EIT Funding		Total Costs (€)	Total (%)
	Budget	% of Total Costs		
P522 Ústav výzkumu globální změny AV ČR, v. v. i.	€ 44,825.00	100.00 %	€ 44,825.00	100.00 %
Project Funding	€ 44,825.00	100.00 %	€ 44,825.00	100.00 %