

Call: HORIZON-CL6-2024-COMMUNITIES-02

(Resilient, inclusive, healthy and green rural, coastal and urban communities)

Topic: HORIZON-CL6-2024-COMMUNITIES-02-2-two-stage

Type of action: HORIZON-RIA

(HORIZON Research and Innovation Actions)

**Type of Model Grant Agreement: HORIZON Action Grant
Budget-Based**

Proposal number: 101181637-1

Proposal acronym: CLIMAFARM-NET

Table of contents

Section	Title	Action
1	General information	
2	Participants	
3	Budget	

How to fill in the forms

The administrative forms must be filled in for each proposal using the templates available in the submission system. Some data fields in the administrative forms are pre-filled based on the previous steps in the submission wizard.

Application forms

Proposal ID 101181637-1
Acronym CLIMAFARM-NET

1 - General information

Fields marked * are mandatory to fill.

Topic	HORIZON-CL6-2024-COMMUNITIES-02-2-two	Type of Action	HORIZON-RIA
Call	HORIZON-CL6-2024-COMMUNITIES-02	Type of Model Grant Agreement	HORIZON-AG
Acronym	CLIMAFARM-NET		
Proposal title	Climate-Neutral Modular Vertical Farm Network Designed for Local Conditions		
	Note that for technical reasons, the following characters are not accepted in the Proposal Title and will be removed: < > " &		
Duration in months	36		
Fixed keyword 1	Agriculture		
Fixed keyword 2	Business models		
Free keywords	indoor plant factory, smart and social farming, tourism, cultural and natural heritage, innovative production models, biodiversity, new jobs and opportunities, quality services, farm to fork		

Abstract *

The proposal seeks to establish a pioneering Modular Vertical Farm Network, coupled with locally-oriented tourist attractions. This initiative is designed to foster resilient, inclusive, healthy, and green rural, coastal, and urban communities. At its core, the project introduces a novel business and organizational model, seamlessly blending indoor vegetable cultivation with tourism, centred around a modular, scalable vertical farming system.

The essence of this model is a groundbreaking approach where the intertwined processes of cultivation, processing, and marketing are harmonically integrated into a comprehensive system at a singular location. Each stage of this system incorporates cutting-edge innovations and technologies to maximize efficiency, resource utilization, and overall effectiveness.

The project encompasses the development and implementation of advanced vertical farming technologies, innovations in indoor agriculture, and tourism initiatives that leverage local attributes. These elements are designed to be mutually reinforcing, fostering synergies and embodying the farm-to-table ethos. This approach will contribute to the enhancement of biodiversity, bio-economic strategies, and the vitality of rural areas.

By incorporating R&I, the project aims to develop an innovative business model that marries indoor agriculture with tourism, managing cultural and natural heritage, and providing related services. This model is future-oriented, promoting better economic outcomes, collaboration, inclusivity, and equity for farmers and rural communities. It also aligns with high sustainability standards, contributing to climate neutrality and addressing societal expectations, particularly in the realms of local economies and environmental stewardship.

The initiative plans to involve eight European locations as partners in implementing this concept. The project anticipates the involvement of practitioners and academic partners to enrich and support these endeavours.

Remaining characters 1

Has this proposal (or a very similar one) been submitted in the past 2 years in response to a call for proposals under any EU programme, including the current call?

☐ Yes ☒ No

Please give the proposal reference or contract number.

Previously submitted proposals should be with either 6 or 9 digits.

Application forms

Proposal ID **101181637-1**

Acronym **CLIMAFARM-NET**

Declarations

Field(s) marked * are mandatory to fill.

1) We declare to have the explicit consent of all applicants on their participation and on the content of this proposal. * ☒

2) We confirm that the information contained in this proposal is correct and complete and that none of the project activities have started before the proposal was submitted (unless explicitly authorised in the call conditions). * ☒

3) We declare:

- to be fully compliant with the eligibility criteria set out in the call
- not to be subject to any exclusion grounds under the [EU Financial Regulation 2018/1046](#)
- to have the financial and operational capacity to carry out the proposed project. *

☒

4) We acknowledge that all communication will be made through the Funding & Tenders Portal electronic exchange system and that access and use of this system is subject to the [Funding & Tenders Portal Terms and Conditions](#). * ☒

5) We have read, understood and accepted the [Funding & Tenders Portal Terms & Conditions](#) and [Privacy Statement](#) that set out the conditions of use of the Portal and the scope, purposes, retention periods, etc. for the processing of personal data of all data subjects whose data we communicate for the purpose of the application, evaluation, award and subsequent management of our grant, prizes and contracts (including financial transactions and audits). * ☒

6) We declare that the proposal complies with ethical principles (including the highest standards of research integrity as set out in the [ALLEA European Code of Conduct for Research Integrity](#), as well as applicable international and national law, including the Charter of Fundamental Rights of the European Union and the European Convention on Human Rights and its Supplementary Protocols. [Appropriate procedures, policies and structures](#) are in place to foster responsible research practices, to prevent questionable research practices and research misconduct, and to handle allegations of breaches of the principles and standards in the Code of Conduct. * ☒

7) We declare that the proposal has an exclusive focus on civil applications (activities intended to be used in military application or aiming to serve military purposes cannot be funded). If the project involves dual-use items in the sense of [Regulation 2021/821](#), or other items for which authorisation is required, we confirm that we will comply with the applicable regulatory framework (e.g. obtain export/import licences before these items are used). * ☒

8) We confirm that the activities proposed do not

- aim at human cloning for reproductive purposes;
- intend to modify the genetic heritage of human beings which could make such changes heritable (with the exception of research relating to cancer treatment of the gonads, which may be financed), or
- intend to create human embryos solely for the purpose of research or for the purpose of stem cell procurement, including by means of somatic cell nuclear transfer.
- lead to the destruction of human embryos (for example, for obtaining stem cells)

These activities are excluded from funding. * ☒

9) We confirm that for activities carried out outside the Union, the same activities would have been allowed in at least one EU Member State. * ☒

The coordinator is only responsible for the information relating to their own organisation. Each applicant remains responsible for the information declared for their organisation. If the proposal is retained for EU funding, they will all be required to sign a declaration of honour.

False statements or incorrect information may lead to administrative sanctions under the EU Financial Regulation.

Application forms

Proposal ID 101181637-1
Acronym CLIMAFARM-NET

2 - Participants

List of participating organisations

#	Participating Organisation Legal Name	Country	Role	Action
1	Freshness and Health Korlatolt Felelossegu Tarsasag	HU	Coordinator	
2	REGIONALIS INFORMACIOS ES FEJLESZTO TUDASKOZPONHU		Partner	
3	MAGYAR AGRAR- ES ELETTUDOMANYI EGYETEM	HU	Partner	
4	OBUDAI EGYETEM	HU	Partner	
5	CLUB PANNONIA (Gesellschaft zur Pflege der österreichiscAT		Partner	
6	MESTO FIL'AKOVO	SK	Partner	
7	Hungarian Tourism Council of Zakarpattya	UA	Partner	
8	NORDIC DIASPORA FORUM	SE	Partner	
9	ZDRUZENIE PLATFORMA ZA ZELEN RAZVOJ SKOPJE	MK	Partner	
10	ARISTOTELIO PANEPISTIMIO THESSALONIKIS	EL	Partner	
11	AGRORESURSU UN EKONOMIKAS INSTITUTS	LV	Partner	
12	Association Green Development and Innovation	MA	Partner	
13	FUNDACIO DEL BIOMIMETIC SCIENCES INSTITUTE	ES	Partner	
14	GLOBAL INNOVATION GATHERING EV	DE	Partner	
15	Fruit Producers and Exporters Association of Moldova	MD	Partner	
16	UNIVERSITY OF HAIFA	IL	Partner	
17	Kunshan Yihe Food Supply Chain Management Co., Ltd.	CN	Partner	
18	SOCIEDADE PORTUGUESA DE INOVACAO CONSULTADOR PT		Partner	
19	UNIVERSITETI BUJQESOR I TIRANES	AL	Partner	
20	ARMENIAN NATIONAL AGRARIAN UNIVERSITY	AM	Partner	
21	Fore Conif B.V.	NL	Partner	

Application forms

Proposal ID **101181637-1**

Acronym **CLIMAFARM-NET**

#	Participating Organisation Legal Name	Country	Role	Action
22	UNIVERZITA KONSTANTINA FILOZOFA VNITRE	SK	Partner	
23	Foundation Pro Scientia Naturae	RS	Partner	
24	Altmen doo	SI	Partner	
25	Ihr doo	HR	Partner	
26	Roza Sandor Hajdukovo	RS	Partner	
27	GARDEN PROIECT SRL	RO	Partner	
28	TAX SOLVE Penzegyi Tanacsado és Szolgaltata Korlátolt Fc HU		Partner	
29	Fundatia Sfantul Francisc	RO	Partner	

Application forms

Proposal ID **101181637-1**
Acronym **CLIMAFARM-NET**
Short name **Freshness and Health Korlatolt Felelossegu Ta**

Organization data

PIC	Legal name
884481018	Freshness and Health Korlatolt Felelossegu Tarsasag

Short name: Freshness and Health Korlatolt Felelossegu Tarsasag

Address	
Street	Váci út 47/B
Town	Budapest
Postcode	1134
Country	Hungary
Webpage	www.freshland.hu

Specific Legal Statuses

Legal person	yes
Public body	no
Non-profit	no
International organisation	no
Secondary or Higher education establishment	no
Research organisation	no

SME Data

Based on the below details from the Participant Registry the organisation is an SME (small- and medium-sized enterprise) for the call.

SME self-declared status	01/11/2022 - yes
SME self-assessment	unknown
SME validation	unknown

Application forms

Proposal ID **101181637-1**
Acronym **CLIMAFARM-NET**
Short name **Freshness and Health Korlatolt Felelossegu Ta**

Departments carrying out the proposed work

Department 1

Department name	HQ	☐ not applicable
	☒ Same as proposing organization's address	
Street	Váci út 47/B	
Town	Budapest	
Postcode	1134	
Country	Hungary	

Links with other participants

Type of link	Participant
--------------	-------------

Application forms

Proposal ID **101181637-1**
Acronym **CLIMAFARM-NET**
Short name **Freshness and Health Korlatolt Felelossegu Ta**

Main contact person

The name and e-mail of contact persons are read-only in the administrative form, only additional details can be edited here. To give access rights and basic contact details of contact persons, please go back to step - Manage your related parties of the submission wizard and save the changes.

Title

Mr

Gender

Woman

Man

Non Binary

First name

Akos

Last name

Gyomber

E-Mail

akos.gyomber@freshland.hu

Position in org.

CFO

Department

Freshness and Health Korlatolt Felelossegu Tarsasag

☒

Same as organization name

☒

Same as proposing organization's address

Street

Váci út 47/B

Town

Budapest

Post code

1134

Country

Hungary

Website

Please enter website

Phone

+xxx xxxxxxxxx

Phone 2

+xxx xxxxxxxxx

Other contact persons

First Name	Last Name	E-mail	Phone
Ákos	Ádám	akos.adam@freshland.hu	+xxx xxxxxxxxx

Application forms

Proposal ID **101181637-1**

Acronym **CLIMAFARM-NET**

Short name **RCISD**

PIC	Legal name
960128408	REGIONALIS INFORMACIOS ES FEJLESZTO TUDASKOZPONT KORLATOLT FELELOSSEGU TARSASAG

Short name: RCISD

Address

Street	HUVOSVOLGYI UTCA 54 V EP 1 EM
Town	BUDAPEST
Postcode	1021
Country	Hungary
Webpage	www.rcisd.eu

Specific Legal Statuses

Legal person	yes
Public body	no
Non-profit	no
International organisation	no
Secondary or Higher education establishment	no
Research organisation	no

SME Data

Based on the below details from the Participant Registry the organisation is an SME (small- and medium-sized enterprise) for the call.

SME self-declared status	16/06/2022 - yes
SME self-assessment	31/12/2017 - yes
SME validation	31/12/2012 - yes

Application forms

Proposal ID **101181637-1**
Acronym **CLIMAFARM-NET**
Short name **RCISD**

Departments carrying out the proposed work

Department 1

Department name	Department for Research and Innovation	☐ not applicable
	☒ Same as proposing organization's address	
Street	HUVOSVOLGYI UTCA 54 V EP 1 EM	
Town	BUDAPEST	
Postcode	1021	
Country	Hungary	

Links with other participants

Type of link	Participant
--------------	-------------

Application forms

Proposal ID **101181637-1**
Acronym **CLIMAFARM-NET**
Short name **RCISD**

Main contact person

The name and e-mail of contact persons are read-only in the administrative form, only additional details can be edited here. To give access rights and basic contact details of contact persons, please go back to step - Manage your related parties of the submission wizard and save the changes.

TitleMrs

Gender

☒ Woman

☐ Man

☐ Non Binary

First nameAlexandra

Last nameSkublicsné Manninger

E-Mailinfo@rcisd.eu

Position in org.Chief Executive Officer

DepartmentREGIONALIS INFORMACIOS ES FEJLESZTO TUDASKOZPONT KORLATOLT FELELOSSE

☒ Same as organization name

☒ Same as proposing organization's address

StreetHUVOSVOLGYI UTCA 54 V EP 1 EM

TownBUDAPEST

Post code1021

CountryHungary

Websitewww.rcisd.eu

Phone+36 30 5003278

Phone 2+36 20 3742086

Other contact persons

First Name	Last Name	E-mail	Phone
Béla	Kardon	bkardon@rcisd.eu	+36 30 4929483

Application forms

Proposal ID **101181637-1**
Acronym **CLIMAFARM-NET**
Short name **MATE**

PIC	Legal name
891269563	MAGYAR AGRAR- ES ELETTUDOMANYI EGYETEM

Short name: MATE

Address

Street	PATER KAROLY STR. 1.
Town	GODOLLO
Postcode	2100
Country	Hungary
Webpage	https://uni-mate.hu

Specific Legal Statuses

Legal person	yes
Public body	no
Non-profit	yes
International organisation	no
Secondary or Higher education establishment	yes
Research organisation	yes

SME Data

Based on the below details from the Participant Registry the organisation is **not an SME** (small- and medium-sized enterprise) for the call.

SME self-declared status	01/02/2021 - no
SME self-assessment	unknown
SME validation	unknown

Application forms

Proposal ID **101181637-1**
Acronym **CLIMAFARM-NET**
Short name **MATE**

Departments carrying out the proposed work

Department 1

Department name

Institute of Food Science and Technology

☐ not applicable

☐ Same as proposing organization's address

Street

Villányi út 29-43.

Town

Budapest

Postcode

1118

Country

Hungary

Links with other participants

Type of link	Participant
--------------	-------------

Application forms

Proposal ID 101181637-1
Acronym CLIMAFARM-NET
Short name MATE

Main contact person

The name and e-mail of contact persons are read-only in the administrative form, only additional details can be edited here. To give access rights and basic contact details of contact persons, please go back to step - Manage your related parties of the submission wizard and save the changes.

Title

Prof.

Gender

☐ Woman

☒ Man

☐ Non Binary

First name

László Ferenc

Last name

Dr. Friedrich

E-Mail

friedrich.laszlo.ferenc@uni-mate.hu

Position in org.

Director of Institute

Department

Institute of Food Science and Technology

☐ Same as organization name

☐ Same as proposing organization's address

Street

Villányi út 29-43.

Town

Budapest

Post code

1118

Country

Hungary

Website

elelmiszertudomany.uni-mate.hu

Phone

+36303997082

Phone 2

+xxx xxxxxxxxx

Other contact persons

First Name	Last Name	E-mail	Phone
Duc Quang	Dr. Nguyen	nguyen.duc.quang@uni-mate.hu	+xxx xxxxxxxxx

Application forms

Proposal ID **101181637-1**
Acronym **CLIMAFARM-NET**
Short name **OBUDA UNIVERSITY UNIVERSITAS BUDENSIS**

PIC	Legal name
986279123	OBUDAI EGYETEM

Short name: OBUDA UNIVERSITY UNIVERSITAS BUDENSIS

Address	
Street	BECSI UT 96 B
Town	BUDAPEST
Postcode	1034
Country	Hungary
Webpage	www.uni-obuda.hu

Specific Legal Statuses

Legal person	yes
Public body	no
Non-profit	yes
International organisation	no
Secondary or Higher education establishment	yes
Research organisation	yes

SME Data

Based on the below details from the Participant Registry the organisation is **not** an SME (small- and medium-sized enterprise) for the call.

SME self-declared status	16/08/2021 - no
SME self-assessment	unknown
SME validation	unknown

Application forms

Proposal ID **101181637-1**
Acronym **CLIMAFARM-NET**
Short name **OBUDA UNIVERSITY UNIVERSITAS BUDENSIS**

Departments carrying out the proposed work

Department 1

Department name	Grant Management Office	☐ not applicable
	☒ Same as proposing organization's address	
Street	BECSI UT 96 B	
Town	BUDAPEST	
Postcode	1034	
Country	Hungary	

Links with other participants

Type of link	Participant
--------------	-------------

Application forms

Proposal ID 101181637-1
Acronym CLIMAFARM-NET
Short name OBUDA UNIVERSITY UNIVERSITAS BUDENSIS

Main contact person

The name and e-mail of contact persons are read-only in the administrative form, only additional details can be edited here. To give access rights and basic contact details of contact persons, please go back to step - Manage your related parties of the submission wizard and save the changes.

Title

Dr

Gender

Woman

Man

Non Binary

First name

Gyula

Last name

Szigeti

E-Mail

szigeti.gyula@uni-obuda.hu

Position in org.

Head of Grant Management Office

Department

Grant Management Office

Same as organization name

☒

Same as proposing organization's address

Street

BECSI UT 96 B

Town

BUDAPEST

Post code

1034

Country

Hungary

Website

https://palyazat.uni-obuda.hu/

Phone

+xxx xxxxxxxxxx

Phone 2

+xxx xxxxxxxxxx

Other contact persons

First Name	Last Name	E-mail	Phone
Simon	Molnár	molnar.simon@rh.uni-obuda.hu	+xxx xxxxxxxxxx
Simon	MOLNAR	molnar.simon@uni-obuda.hu	+xxx xxxxxxxxxx

Application forms

Proposal ID **101181637-1**
Acronym **CLIMAFARM-NET**
Short name **CLUB PANNONIA**

PIC	Legal name
936904765	CLUB PANNONIA (Gesellschaft zur Pflege der österreichisch-ungarischen Beziehungen)

Short name: CLUB PANNONIA

Address	
Street	Eschenbachgasse 11
Town	Wien
Postcode	1010
Country	Austria
Webpage	www.club-pannonia.at

Specific Legal Statuses

Legal person	yes
Public body	no
Non-profit	yes
International organisation	unknown
Secondary or Higher education establishment	unknown
Research organisation	unknown

SME Data

Based on the below details from the Participant Registry the organisation is **not an SME** (small- and medium-sized enterprise) for the call.

SME self-declared status	21/08/2014 - no
SME self-assessment	unknown
SME validation	unknown

Application forms

Proposal ID **101181637-1**
Acronym **CLIMAFARM-NET**
Short name **CLUB PANNONIA**

Departments carrying out the proposed work

Department 1

Department name	CLUB PANNONIA	☐ not applicable
	☒ Same as proposing organization's address	
Street	Eschenbachgasse 11	
Town	Wien	
Postcode	1010	
Country	Austria	

Links with other participants

Type of link	Participant
--------------	-------------

Application forms

Proposal ID **101181637-1**

Acronym **CLIMAFARM-NET**

Short name **CLUB PANNONIA**

Main contact person

The name and e-mail of contact persons are read-only in the administrative form, only additional details can be edited here. To give access rights and basic contact details of contact persons, please go back to step - Manage your related parties of the submission wizard and save the changes.

Title **Mr**

Gender ☐ Woman ☒ Man ☐ Non Binary

First name **Gábor**

Last name **Szabados**

E-Mail **club.pannonia.wien@gmail.com**

Position in org. **President**

Department **CLUB PANNONIA (Gesellschaft zur Pflege der österreichisch-ungarischen Beziehung)** ☒ Same as organization name

☒ Same as proposing organization's address

Street **Eschenbachgasse 11**

Town **Wien** Post code **1010**

Country **Austria**

Website *Please enter website*

Phone **+xxx xxxxxxxxx** Phone 2 **+xxx xxxxxxxxx**

Application forms

Proposal ID **101181637-1**
Acronym **CLIMAFARM-NET**
Short name **MESTO FIL'AKOVO**

PIC	Legal name
925756749	MESTO FIL'AKOVO

Short name: MESTO FIL'AKOVO

Address

Street	RADNICNA 25
Town	FIL'AKOVO
Postcode	986 01
Country	Slovakia
Webpage	www.filakovo.sk

Specific Legal Statuses

Legal person	yes
Public body	yes
Non-profit	yes
International organisation	no
Secondary or Higher education establishment	no
Research organisation	no

SME Data

Based on the below details from the Participant Registry the organisation is **not** an SME (small- and medium-sized enterprise) for the call.

SME self-declared status	30/08/2015 - no
SME self-assessment	unknown
SME validation	unknown

Application forms

Proposal ID **101181637-1**
Acronym **CLIMAFARM-NET**
Short name **MESTO FIL'AKOVO**

Departments carrying out the proposed work

No department involved

Department name *Name of the department/institute carrying out the work.*

☒ not applicable

☐ Same as proposing organization's address

Street *Please enter street name and number.*

Town *Please enter the name of the town.*

Postcode *Area code.*

Country *Please select a country*

Links with other participants

Type of link	Participant
--------------	-------------

Application forms

Proposal ID **101181637-1**

Acronym **CLIMAFARM-NET**

Short name **MESTO FIL'AKOVO**

Main contact person

The name and e-mail of contact persons are read-only in the administrative form, only additional details can be edited here. To give access rights and basic contact details of contact persons, please go back to step - Manage your related parties of the submission wizard and save the changes.

Title **Dr**

Gender ☐ Woman ☒ Man ☐ Non Binary

First name **Attila**

Last name **Agócs**

E-Mail **primator@filakovo.sk**

Position in org. **mayor**

Department **MESTO FIL'AKOVO**



Same as
organization name

☒ Same as proposing organization's address

Street **RADNICNA 25**

Town **FIL'AKOVO**

Post code **986 01**

Country **Slovakia**

Website **www.filakovo.sk**

Phone **+421 47 43 81001**

Phone 2

+xxx xxxxxxxxxx

Application forms

Proposal ID **101181637-1**
Acronym **CLIMAFARM-NET**
Short name **Hungarian Tourism Council of Zakarpattya**

PIC	Legal name
879083647	Hungarian Tourism Council of Zakarpattya

Short name: Hungarian Tourism Council of Zakarpattya

Address

Street STR. M. TYMOSCHUKA 6
Town Berehove
Postcode 90202
Country Ukraine

Webpage

Specific Legal Statuses

Legal person yes
Public body no
Non-profit yes
International organisation no
Secondary or Higher education establishment no
Research organisation no

SME Data

Based on the below details from the Participant Registry the organisation is not an SME (small- and medium-sized enterprise) for the call.

SME self-declared status 25/01/2024 - no
SME self-assessment unknown
SME validation unknown

Application forms

Proposal ID **101181637-1**
Acronym **CLIMAFARM-NET**
Short name **Hungarian Tourism Council of Zakarpattya**

Departments carrying out the proposed work

Department 1

Department name	Hungarian Tourism Council of Zakarpattya	☐ not applicable
	☒ Same as proposing organization's address	
Street	STR. M. TYMOSCHUKA 6	
Town	Berehove	
Postcode	90202	
Country	Ukraine	

Links with other participants

Type of link	Participant
--------------	-------------

Application forms

Proposal ID **101181637-1**

Acronym **CLIMAFARM-NET**

Short name **Hungarian Tourism Council of Zakarpattya**

Main contact person

The name and e-mail of contact persons are read-only in the administrative form, only additional details can be edited here. To give access rights and basic contact details of contact persons, please go back to step - Manage your related parties of the submission wizard and save the changes.

Title **Mr**

Gender ☐ Woman ☒ Man ☐ Non Binary

First name **András**

Last name **Mester**

E-Mail **turisztikaitanacs@gmail.com**

Position in org. **President**

Department **Hungarian Tourism Council of Zakarpattya**



Same as
organization name

☒ Same as proposing organization's address

Street **STR. M. TYMOSCHUKA 6**

Town **Berehove**

Post code **90202**

Country **Ukraine**

Website **kmtt.org**

Phone **+380509255370**

Phone 2

+xxx xxxxxxxxxx

Application forms

Proposal ID **101181637-1**

Acronym **CLIMAFARM-NET**

Short name **NORDIC DIASPORA FORUM**

PIC	Legal name
916641562	NORDIC DIASPORA FORUM

Short name: NORDIC DIASPORA FORUM

Address

Street FINLANDSGATAN 52

Town KISTA

Postcode 164 74

Country Sweden

Webpage <http://www.nordicdiasporaforum.eu/>

Specific Legal Statuses

Legal person yes

Public body no

Non-profit yes

International organisation no

Secondary or Higher education establishment no

Research organisation no

SME Data

Based on the below details from the Participant Registry the organisation is **unknown** (small- and medium-sized enterprise) for the call.

SME self-declared status unknown

SME self-assessment unknown

SME validation unknown

Application forms

Proposal ID **101181637-1**
Acronym **CLIMAFARM-NET**
Short name **NORDIC DIASPORA FORUM**

Departments carrying out the proposed work

No department involved

Department name

Name of the department/institute carrying out the work.

☐ Same as proposing organization's address

Street

Please enter street name and number.

Town

Please enter the name of the town.

Postcode

Area code.

Country

Please select a country

☒ not applicable

Links with other participants

Type of link	Participant
--------------	-------------

Application forms

Proposal ID 101181637-1
Acronym CLIMAFARM-NET
Short name NORDIC DIASPORA FORUM

Main contact person

The name and e-mail of contact persons are read-only in the administrative form, only additional details can be edited here. To give access rights and basic contact details of contact persons, please go back to step - Manage your related parties of the submission wizard and save the changes.

TitleMs

Gender

☒ Woman

☐ Man

☐ Non Binary

First nameNejiib

Last nameAden

E-Mailnordicdforum@gmail.com

Position in org. Projects Coordinator

DepartmentNORDIC DIASPORA FORUM

☒ Same as organization name

☒ Same as proposing organization's address

StreetFINLANDSGATAN 52

TownKISTA

Post code164 74

CountrySweden

Websitehttps://nordicdiasporaforum.eu/

Phone+46769736009

Phone 2+xxx xxxxxxxxxx

Other contact persons

First Name	Last Name	E-mail	Phone
Jamal	Adams	nordicdforum@gmail.com	+46769736009

Application forms

Proposal ID **101181637-1**
Acronym **CLIMAFARM-NET**
Short name **ASSOCIATION GREEN GROWTH PLATFORM SK**

PIC	Legal name
904870127	ZDRUZENIE PLATFORMA ZA ZELEN RAZVOJ SKOPJE

Short name: ASSOCIATION GREEN GROWTH PLATFORM SKOPJE

Address

Street	FRANKLIN RUZVELT NO. 4/3
Town	SKOPJE, KARPOSH
Postcode	1000
Country	North Macedonia
Webpage	www.greengrowth-platfrom.org

Specific Legal Statuses

Legal person	yes
Public body	no
Non-profit	yes
International organisation	no
Secondary or Higher education establishment	no
Research organisation	no

SME Data

Based on the below details from the Participant Registry the organisation is **unknown** (small- and medium-sized enterprise) for the call.

SME self-declared status	unknown
SME self-assessment	unknown
SME validation	unknown

Application forms

Proposal ID **101181637-1**
Acronym **CLIMAFARM-NET**
Short name **ASSOCIATION GREEN GROWTH PLATFORM SK**

Departments carrying out the proposed work

No department involved

Department name

Name of the department/institute carrying out the work.

☐ Same as proposing organization's address

Street

Please enter street name and number.

Town

Please enter the name of the town.

Postcode

Area code.

Country

Please select a country

☒ not applicable

Links with other participants

Type of link	Participant
--------------	-------------

Application forms

Proposal ID **101181637-1**

Acronym **CLIMAFARM-NET**

Short name **ASSOCIATION GREEN GROWTH PLATFORM SK**

Main contact person

The name and e-mail of contact persons are read-only in the administrative form, only additional details can be edited here. To give access rights and basic contact details of contact persons, please go back to step - Manage your related parties of the submission wizard and save the changes.

Title Prof.

Gender ☒ Woman ☐ Man ☐ Non Binary

First name **Natasha**

Last name **Ristovska**

E-Mail **ristovskan@yahoo.com**

Position in org. Executive director

Department ZDRUZENIE PLATFORMA ZA ZELEN RAZVOJ SKOPJE



Same as
organization name

☒ Same as proposing organization's address

Street FRANKLIN RUZVELT NO. 4/3

Town SKOPJE, KARPOSH

Post code 1000

Country North Macedonia

Website https://greengrowth-platform.org/

Phone +38978640007 Phone 2 +xxx xxxxxxxxxx

Application forms

Proposal ID **101181637-1**
Acronym **CLIMAFARM-NET**
Short name **ARISTOTLE UNIVERSITY OF THESSALONIKI**

PIC	Legal name
999895692	ARISTOTELIO PANEPISTIMIO THESSALONIKIS

Short name: ARISTOTLE UNIVERSITY OF THESSALONIKI

Address

Street	KEDEA BUILDING, TRITIS SEPTEMVRIOU, ARISTOT
Town	THESSALONIKI
Postcode	546 36
Country	Greece
Webpage	www.auth.gr

Specific Legal Statuses

Legal person	yes
Public body	yes
Non-profit	yes
International organisation	no
Secondary or Higher education establishment	yes
Research organisation	yes

SME Data

Based on the below details from the Participant Registry the organisation is **not an SME** (small- and medium-sized enterprise) for the call.

SME self-declared status	31/12/2015 - no
SME self-assessment	31/12/2015 - no
SME validation	20/08/2008 - no

Application forms

Proposal ID **101181637-1**
Acronym **CLIMAFARM-NET**
Short name **ARISTOTLE UNIVERSITY OF THESSALONIKI**

Departments carrying out the proposed work

Department 1

Department name	Department of Agricultural Economics	☐ not applicable
	☒ Same as proposing organization's address	
Street	KEDEA BUILDING, TRITIS SEPTEMVRIOU, ARIS	
Town	THESSALONIKI	
Postcode	546 36	
Country	Greece	

Links with other participants

Type of link	Participant
--------------	-------------

Application forms

Proposal ID **101181637-1**

Acronym **CLIMAFARM-NET**

Short name **ARISTOTLE UNIVERSITY OF THESSALONIKI**

Main contact person

The name and e-mail of contact persons are read-only in the administrative form, only additional details can be edited here. To give access rights and basic contact details of contact persons, please go back to step - Manage your related parties of the submission wizard and save the changes.

Title **Prof.**

Gender ☐ Woman ☒ Man ☐ Non Binary

First name **Thomas G.**

Last name **Bournaris**

E-Mail **tbournar@agro.auth.gr**

Position in org. **Associate Professor**

Department **Agricultural Economics**

☐ Same as organization name

☒ Same as proposing organization's address

Street **KEDEA BUILDING, TRITIS SEPTEMVRIOU, ARISTOTLE UNIVERSITY CAMPUS**

Town **THESSALONIKI**

Post code **546 36**

Country **Greece**

Website **https://www.auth.gr**

Phone **+302310998423**

Phone 2 **+306948802561**

Application forms

Proposal ID 101181637-1
Acronym CLIMAFARM-NET
Short name INSTITUTE OF AGRICULTURAL RESOURCES AN

PIC	Legal name
918053203	AGRORESURSU UN EKONOMIKAS INSTITUTS

Short name: INSTITUTE OF AGRICULTURAL RESOURCES AND ECONOMICS

Address

Street ZINATNES IELA 2, PRIEKULI, PRIEKULU PAGASTS
Town CESU NOVADS
Postcode 4126
Country Latvia
Webpage www.arei.lv

Specific Legal Statuses

Legal person yes
Public body yes
Non-profit yes
International organisation no
Secondary or Higher education establishment no
Research organisation yes

SME Data

Based on the below details from the Participant Registry the organisation is unknown (small- and medium-sized enterprise) for the call.

SME self-declared status unknown
SME self-assessment unknown
SME validation unknown

Application forms

Proposal ID **101181637-1**
Acronym **CLIMAFARM-NET**
Short name **INSTITUTE OF AGRICULTURAL RESOURCES AN**

Departments carrying out the proposed work

Department 1

Department name	Crop Management Department	☐ not applicable
	☒ Same as proposing organization's address	
Street	ZINATNES IELA 2, PRIEKULI, PRIEKULU PAGA	
Town	CESU NOVADS	
Postcode	4126	
Country	Latvia	

Links with other participants

Type of link	Participant
--------------	-------------

Application forms

Proposal ID **101181637-1**

Acronym **CLIMAFARM-NET**

Short name **INSTITUTE OF AGRICULTURAL RESOURCES AN**

Main contact person

The name and e-mail of contact persons are read-only in the administrative form, only additional details can be edited here. To give access rights and basic contact details of contact persons, please go back to step - Manage your related parties of the submission wizard and save the changes.

Title **Mr**

Gender ☐ Woman ☒ Man ☐ Non Binary

First name **Mārtiņš**

Last name **Ligotnis**

E-Mail **martins.ligotnis@arei.lv**

Position in org. **project manager**

Department **AGRORESURSU UN EKONOMIKAS INSTITUTS**



Same as
organization name

☐ Same as proposing organization's address

Street **Struktoru iela 14**

Town **Riga**

Post code **LV-1039**

Country **Latvia**

Website **https://www.arei.lv/lv**

Phone **0037127677688**

Phone 2

+xxx xxxxxxxxx

Application forms

Proposal ID **101181637-1**
Acronym **CLIMAFARM-NET**
Short name **Association Green Development and Innovati**

PIC	Legal name
885495347	Association Green Development and Innovation

Short name: Association Green Development and Innovation

Address

Street 379 Hay El Qods 1, Ain Taoujdate, Morocco
Town Ain Taoujdate
Postcode 51100
Country Morocco

Webpage

Specific Legal Statuses

Legal person yes
Public body no
Non-profit yes
International organisation no
Secondary or Higher education establishment no
Research organisation no

SME Data

Based on the below details from the Participant Registry the organisation is not an SME (small- and medium-sized enterprise) for the call.

SME self-declared status 01/08/2022 - no
SME self-assessment unknown
SME validation unknown

Application forms

Proposal ID **101181637-1**
Acronym **CLIMAFARM-NET**
Short name **Association Green Development and Innovati**

Departments carrying out the proposed work

No department involved

Department name

Name of the department/institute carrying out the work.

☒ not applicable

☐ Same as proposing organization's address

Street

Please enter street name and number.

Town

Please enter the name of the town.

Postcode

Area code.

Country

Please select a country

Links with other participants

Type of link	Participant
--------------	-------------

Application forms

Proposal ID **101181637-1**
Acronym **CLIMAFARM-NET**
Short name **Association Green Development and Innovati**

Main contact person

The name and e-mail of contact persons are read-only in the administrative form, only additional details can be edited here. To give access rights and basic contact details of contact persons, please go back to step - Manage your related parties of the submission wizard and save the changes.

Title	Dr	Gender	☐ Woman	☒ Man	☐ Non Binary
First name	Dr. Adnane	Last name	El Yaacoubi		
E-Mail	green.deve.inn@gmail.com				
Position in org.	President				
Department	Association Green Development and Innovation			☒	Same as organization name
	☒ Same as proposing organization's address				
Street	379 Hay El Qods 1, Ain Taoujdate, Morocco				
Town	Ain Taoujdate	Post code	51100		
Country	Morocco				
Website	www.green-dev-inn.com				
Phone	+212667791568	Phone 2	+xxx xxxxxxxxxx		

Application forms

Proposal ID **101181637-1**
Acronym **CLIMAFARM-NET**
Short name **BSI**

PIC	Legal name
897802125	FUNDACIO DEL BIOMIMETIC SCIENCES INSTITUTE

Short name: BSI

Address

Street	C. Bolívia, 134-136 (local 1)
Town	Barcelona
Postcode	08018
Country	Spain
Webpage	www.biomimeticsciences.org

Specific Legal Statuses

Legal person	yes
Public body	no
Non-profit	yes
International organisation	no
Secondary or Higher education establishment	no
Research organisation	no

SME Data

Based on the below details from the Participant Registry the organisation is **unknown** (small- and medium-sized enterprise) for the call.

SME self-declared status	unknown
SME self-assessment	unknown
SME validation	unknown

Application forms

Proposal ID **101181637-1**
Acronym **CLIMAFARM-NET**
Short name **BSI**

Departments carrying out the proposed work

No department involved

Department name

Name of the department/institute carrying out the work.

☒ not applicable

☐ Same as proposing organization's address

Street

Please enter street name and number.

Town

Please enter the name of the town.

Postcode

Area code.

Country

Please select a country

Links with other participants

Type of link	Participant
--------------	-------------

Application forms

Proposal ID **101181637-1**

Acronym **CLIMAFARM-NET**

Short name **BSI**

Main contact person

The name and e-mail of contact persons are read-only in the administrative form, only additional details can be edited here. To give access rights and basic contact details of contact persons, please go back to step - Manage your related parties of the submission wizard and save the changes.

Title **Dr**

Gender ☐ Woman ☒ Man ☐ Non Binary

First name **Marc**

Last name **Mendola**

E-Mail **comunicacio@biomimeticsciences.org**

Position in org. **Communications & Research Manager**

Department **FUNDACIO DEL BIOMIMETIC SCIENCES INSTITUTE**



Same as
organization name

☒ Same as proposing organization's address

Street **C. Bolívia, 134-136 (local 1)**

Town **Barcelona**

Post code **08018**

Country **Spain**

Website **https://www.biomimeticsciences.org/es/**

Phone **0034 934 98 22 21**

Phone 2 **+xxx xxxxxxxxxx**

Application forms

Proposal ID **101181637-1**
Acronym **CLIMAFARM-NET**
Short name **GIG**

PIC	Legal name
915209939	GLOBAL INNOVATION GATHERING EV

Short name: GIG

Address	
Street	WILHELMINE-GEMBERG-WEG 14
Town	BERLIN
Postcode	10179
Country	Germany
Webpage	http://globalinnovationgathering.org/

Specific Legal Statuses

Legal person	yes
Public body	no
Non-profit	yes
International organisation	no
Secondary or Higher education establishment	no
Research organisation	no

SME Data

Based on the below details from the Participant Registry the organisation is **unknown** (small- and medium-sized enterprise) for the call.

SME self-declared status	unknown
SME self-assessment	unknown
SME validation	unknown

Application forms

Proposal ID **101181637-1**
Acronym **CLIMAFARM-NET**
Short name **GIG**

Departments carrying out the proposed work

No department involved

Department name

Name of the department/institute carrying out the work.

☒ not applicable

☐ Same as proposing organization's address

Street

Please enter street name and number.

Town

Please enter the name of the town.

Postcode

Area code.

Country

Please select a country

Links with other participants

Type of link	Participant
--------------	-------------

Application forms

Proposal ID **101181637-1**
Acronym **CLIMAFARM-NET**
Short name **GIG**

Main contact person

The name and e-mail of contact persons are read-only in the administrative form, only additional details can be edited here. To give access rights and basic contact details of contact persons, please go back to step - Manage your related parties of the submission wizard and save the changes.

Title

Mr

Gender

☐ Woman

☐ Man

☒ Non Binary

First name

Ricardo Ruiz

Last name

Freire

E-Mail

ricardo@globalinnovationgathering.org

Position in org.

Executive Director, International

Department

GLOBAL INNOVATION GATHERING EV

☒ Same as organization name

☒ Same as proposing organization's address

Street

WILHELMINE-GEMBERG-WEG 14

Town

BERLIN

Post code

10179

Country

Germany

Website

https://globalinnovationgathering.org/

Phone

+49-30-577057625

Phone 2

+5581981470826

Other contact persons

First Name	Last Name	E-mail	Phone
Sandra	Mamitzsch	sandra@globalinnovationgathering.org	+4915150501655

Application forms

Proposal ID **101181637-1**
Acronym **CLIMAFARM-NET**
Short name **Moldova Fruct**

PIC	Legal name
880716545	<i>Fruit Producers and Exporters Association of Moldova</i>

Short name: Moldova Fruct

Address

Street 102 Mitropolit Dosoftei street
Town Chisinau
Postcode MD-2012
Country Moldova
Webpage moldovafruct.md

Specific Legal Statuses

Legal person yes
Public body no
Non-profit yes
International organisation no
Secondary or Higher education establishment no
Research organisation no

SME Data

Based on the below details from the Participant Registry the organisation is **not an SME** (small- and medium-sized enterprise) for the call.

SME self-declared status 12/09/2023 - no
SME self-assessment unknown
SME validation unknown

Application forms

Proposal ID **101181637-1**
Acronym **CLIMAFARM-NET**
Short name **Moldova Fruct**

Departments carrying out the proposed work

Department 1

Department name	Development Policy Foundation	☐ not applicable
	☒ Same as proposing organization's address	
Street	102 Mitropolit Dosoftei street	
Town	Chisinau	
Postcode	MD-2012	
Country	Moldova	

Links with other participants

Type of link	Participant
--------------	-------------

Application forms

Proposal ID **101181637-1**
Acronym **CLIMAFARM-NET**
Short name **Moldova Fruct**

Main contact person

The name and e-mail of contact persons are read-only in the administrative form, only additional details can be edited here. To give access rights and basic contact details of contact persons, please go back to step - Manage your related parties of the submission wizard and save the changes.

Title	Mr	Gender	☐ Woman	☒ Man	☐ Non Binary
First name	Marcin	Last name	Wróbel		
E-Mail	m.wrobel@fpr.org.pl				
Position in org.	manager				
Department	Fruit Producers and Exporters Association of Moldova			☒	Same as organization name
	☒ Same as proposing organization's address				
Street	102 Mitropolit Dosoftei street				
Town	Chisinau	Post code	MD-2012		
Country	Moldova				
Website	Please enter website				
Phone	+xxx xxxxxxxxx	Phone 2	+xxx xxxxxxxxx		

Application forms

Proposal ID **101181637-1**
Acronym **CLIMAFARM-NET**
Short name **UH**

PIC	Legal name
999897826	UNIVERSITY OF HAIFA

Short name: UH

Address

Street	ABBA KHUSHY BLVD MOUNT CARMEL
Town	HAIFA
Postcode	31905
Country	Israel
Webpage	www.haifa.ac.il

Specific Legal Statuses

Legal person	yes
Public body	yes
Non-profit	yes
International organisation	no
Secondary or Higher education establishment	yes
Research organisation	yes

SME Data

Based on the below details from the Participant Registry the organisation is **unknown** (small- and medium-sized enterprise) for the call.

SME self-declared status	unknown
SME self-assessment	unknown
SME validation	unknown

Application forms

Proposal ID **101181637-1**
Acronym **CLIMAFARM-NET**
Short name **UH**

Departments carrying out the proposed work

Department 1

Department name	School of Environmental Sciences	☐ not applicable
	☒ Same as proposing organization's address	
Street	ABBA KHUSHY BLVD MOUNT CARMEL	
Town	HAIFA	
Postcode	31905	
Country	Israel	

Links with other participants

Type of link	Participant
--------------	-------------

Application forms

Proposal ID **101181637-1**
Acronym **CLIMAFARM-NET**
Short name **UH**

Main contact person

The name and e-mail of contact persons are read-only in the administrative form, only additional details can be edited here. To give access rights and basic contact details of contact persons, please go back to step - Manage your related parties of the submission wizard and save the changes.

Title

Prof.

Gender

☐ Woman

☒ Man

☐ Non Binary

First name

Dan

Last name

Malkinson

E-Mail

dmalkinso@univ.haifa.ac.il

Position in org.

Associate Professor

Department

School of Environmental Sciences

☐ Same as organization name

☒ Same as proposing organization's address

Street

ABBA KHUSHY BLVD MOUNT CARMEL

Town

HAIFA

Post code

31905

Country

Israel

Website

https://www.haifa.ac.il/?lang=en

Phone

+xxx xxxxxxxxx

Phone 2

+xxx xxxxxxxxx

Other contact persons

First Name	Last Name	E-mail	Phone
Natalya	Prilipko	natalyap@univ.haifa.ac.il	+xxx xxxxxxxxx

Application forms

Proposal ID **101181637-1**
Acronym **CLIMAFARM-NET**
Short name **Kunshan Yihe Food Supply Chain Managemen**

PIC	Legal name
879072201	Kunshan Yihe Food Supply Chain Management Co., Ltd.

Short name: Kunshan Yihe Food Supply Chain Management Co., Ltd.

Address

Street	No. 1 Yiqun Road, Kunshan, City Suzhou, Jiangsu
Town	Suzhou
Postcode	215000
Country	China

Webpage

Specific Legal Statuses

Legal person	yes
Public body	no
Non-profit	no
International organisation	yes
Secondary or Higher education establishment	no
Research organisation	no

SME Data

Based on the below details from the Participant Registry the organisation is an SME (small- and medium-sized enterprise) for the call.

SME self-declared status	25/01/2024 - yes
SME self-assessment	unknown
SME validation	unknown

Application forms

Proposal ID **101181637-1**
Acronym **CLIMAFARM-NET**
Short name **Kunshan Yihe Food Supply Chain Managemen**

Departments carrying out the proposed work

Department 1

Department name	Kunshan Yihe Food Supply Chain Management Co., Ltd.	☐ not applicable
	☒ Same as proposing organization's address	
Street	No. 1 Yiqun Road, Kunshan, City Suzhou,	
Town	Suzhou	
Postcode	215000	
Country	China	

Links with other participants

Type of link	Participant
--------------	-------------

Application forms

Proposal ID **101181637-1**
Acronym **CLIMAFARM-NET**
Short name **Kunshan Yihe Food Supply Chain Managemen**

Main contact person

The name and e-mail of contact persons are read-only in the administrative form, only additional details can be edited here. To give access rights and basic contact details of contact persons, please go back to step - Manage your related parties of the submission wizard and save the changes.

Title	Mr	Gender	☐ Woman	☒ Man	☐ Non Binary
First name	Shiqiu	Last name	Lu		
E-Mail	15850369888@139.com				
Position in org.	General Manager				
Department	Kunshan Yihe Food Supply Chain Management Co., Ltd.			☒	Same as organization name
	☒ Same as proposing organization's address				
Street	No. 1 Yiqun Road, Kunshan, City Suzhou, Jiangsu Province, China				
Town	Suzhou	Post code	215000		
Country	China				
Website	Please enter website				
Phone	+86 15806250808	Phone 2	+xxx xxxxxxxxxx		

Application forms

Proposal ID **101181637-1**
Acronym **CLIMAFARM-NET**
Short name **SPI**

PIC	Legal name
999479368	SOCIEDADE PORTUGUESA DE INOVACAO CONSULTADORIA EMPRESARIAL E FOMENTO DA INOVACAO SA

Short name: SPI

Address

Street	AV MARECHAL GOMES DA COSTA 1376 PORTO C
Town	PORTO
Postcode	4150 356
Country	Portugal
Webpage	www.spi.pt

Specific Legal Statuses

Legal person	yes
Public body	no
Non-profit	no
International organisation	no
Secondary or Higher education establishment	no
Research organisation	no

SME Data

Based on the below details from the Participant Registry the organisation is an SME (small- and medium-sized enterprise) for the call.

SME self-declared status	28/08/2023 - yes
SME self-assessment	31/12/2020 - yes
SME validation	17/06/2008 - yes

Application forms

Proposal ID **101181637-1**
Acronym **CLIMAFARM-NET**
Short name **SPI**

Departments carrying out the proposed work

No department involved

Department name

Name of the department/institute carrying out the work.

☒ not applicable

☐ Same as proposing organization's address

Street

Please enter street name and number.

Town

Please enter the name of the town.

Postcode

Area code.

Country

Please select a country

Links with other participants

Type of link	Participant
--------------	-------------

Application forms

Proposal ID **101181637-1**
Acronym **CLIMAFARM-NET**
Short name **SPI**

Main contact person

The name and e-mail of contact persons are read-only in the administrative form, only additional details can be edited here. To give access rights and basic contact details of contact persons, please go back to step - Manage your related parties of the submission wizard and save the changes.

Title

Prof.

Gender

☐ Woman

☒ Man

☐ Non Binary

First name

Augusto

Last name

Medina

E-Mail

augustomedina@spi.pt

Position in org.

President of the Board

Department

SOCIEDADE PORTUGUESA DE INOVACAO CONSULTADORIA EMPRESARIAL E FOMEN

☒

Same as organization name

☒

Same as proposing organization's address

Street

AV MARECHAL GOMES DA COSTA 1376 PORTO CONCELHO FOZ DO DOURO

Town

PORTO

Post code

4150 356

Country

Portugal

Website

www.spi.pt

Phone

+351226076401

Phone 2

+xxx xxxxxxxxx

Other contact persons

First Name	Last Name	E-mail	Phone
Douglas	Thompson	douglasthompson@spi.pt	+351226076401
Sara	Medina	saramedina@spi.pt	+351226076401

Application forms

Proposal ID **101181637-1**
Acronym **CLIMAFARM-NET**
Short name **AGRICULTURAL UNIVERSITY OF TIRANA AUT**

PIC	Legal name
972910486	UNIVERSITETI BUJQESOR I TIRANES

Short name: AGRICULTURAL UNIVERSITY OF TIRANA AUT

Address

Street KAMEZ
Town TIRANA
Postcode
Country Albania
Webpage <http://www.ubt.edu.al/>

Specific Legal Statuses

Legal person yes
Public body yes
Non-profit yes
International organisation no
Secondary or Higher education establishment yes
Research organisation no

SME Data

Based on the below details from the Participant Registry the organisation is not an SME (small- and medium-sized enterprise) for the call.

SME self-declared status 22/01/2019 - no
SME self-assessment unknown
SME validation unknown

Application forms

Proposal ID **101181637-1**
Acronym **CLIMAFARM-NET**
Short name **AGRICULTURAL UNIVERSITY OF TIRANA AUT**

Departments carrying out the proposed work

Department 1

Department name	Environment and Natural Resources	☐ not applicable
	☐ Same as proposing organization's address	
Street	Pajsi Vodica	
Town	Koder Kamez, Tirana	
Postcode	1029	
Country	Albania	

Links with other participants

Type of link	Participant
--------------	-------------

Application forms

Proposal ID 101181637-1
Acronym CLIMAFARM-NET
Short name AGRICULTURAL UNIVERSITY OF TIRANA AUT

Main contact person

The name and e-mail of contact persons are read-only in the administrative form, only additional details can be edited here. To give access rights and basic contact details of contact persons, please go back to step - Manage your related parties of the submission wizard and save the changes.

Title

Prof.

Gender

☒ Woman

☐ Man

☐ Non Binary

First name

Erinda

Last name

Lika

E-Mail

elika@ubt.edu.al

Position in org.

Vice Rector for Projects and Research

Department

UNIVERSITETI BUJQESOR I TIRANES

☒ Same as organization name

☐ Same as proposing organization's address

Street

Pajsi Vodica

Town

Koder Kamez, Tirana

Post code

1029

Country

Albania

Website

https://www.ubt.edu.al/

Phone

+355676321675

Phone 2

+xxx xxxxxxxxx

Other contact persons

First Name	Last Name	E-mail	Phone
Romina	Koto	rkoto@ubt.edu.al	+355674346616
Fatbardh	Sallaku	sallaku@albmail.com	+355684096180
Seit	Shallari	seitshallari@gmail.com	+355684678885

Application forms

Proposal ID **101181637-1**
Acronym **CLIMAFARM-NET**
Short name **ANAU**

PIC	Legal name
951898734	ARMENIAN NATIONAL AGRARIAN UNIVERSITY

Short name: ANAU

Address

Street	Teryan 74
Town	Yerevan
Postcode	0009
Country	Armenia
Webpage	www.anau.am

Specific Legal Statuses

Legal person	yes
Public body	no
Non-profit	yes
International organisation	no
Secondary or Higher education establishment	yes
Research organisation	yes

SME Data

Based on the below details from the Participant Registry the organisation is **not an SME** (small- and medium-sized enterprise) for the call.

SME self-declared status	18/02/2022 - no
SME self-assessment	unknown
SME validation	unknown

Application forms

Proposal ID **101181637-1**
Acronym **CLIMAFARM-NET**
Short name **ANAU**

Departments carrying out the proposed work

Department 1

Department name	Agrobiotechnology Scientific Center	☐ not applicable
	☒ Same as proposing organization's address	
Street	Teryan 74	
Town	Yerevan	
Postcode	0009	
Country	Armenia	

Links with other participants

Type of link	Participant
--------------	-------------

Application forms

Proposal ID **101181637-1**

Acronym **CLIMAFARM-NET**

Short name **ANAU**

Main contact person

The name and e-mail of contact persons are read-only in the administrative form, only additional details can be edited here. To give access rights and basic contact details of contact persons, please go back to step - Manage your related parties of the submission wizard and save the changes.

Title **Dr**

Gender ☒ Woman ☐ Man ☐ Non Binary

First name **Armine**

Last name **Abrahamyan**

E-Mail **arm_abrahamyan@yahoo.com**

Position in org. **Senior researcher at Agrobiotechnology Scientific Center, branch of ANAU**

Department **ARMENIAN NATIONAL AGRARIAN UNIVERSITY**



Same as
organization name

☒ Same as proposing organization's address

Street **Teryan 74**

Town **Yerevan**

Post code **0009**

Country **Armenia**

Website **www.anau.am**

Phone **+37493390899**

Phone 2 **+37412580065**

Application forms

Proposal ID **101181637-1**
Acronym **CLIMAFARM-NET**
Short name **Fore Conif B.V.**

PIC	Legal name
879010315	Fore Conif B.V.

Short name: Fore Conif B.V.

Address	
Street	Haaksbergweg 75, Unit 9.1
Town	Amsterdam
Postcode	1101 BR
Country	Netherlands
Webpage	https://netherlandsinnovationcenter.com/

Specific Legal Statuses

Legal person	yes
Public body	no
Non-profit	no
International organisation	no
Secondary or Higher education establishment	no
Research organisation	no

SME Data

Based on the below details from the Participant Registry the organisation is **not** an SME (small- and medium-sized enterprise) for the call.

SME self-declared status	29/01/2024 - no
SME self-assessment	unknown
SME validation	unknown

Application forms

Proposal ID **101181637-1**
Acronym **CLIMAFARM-NET**
Short name **Fore Conif B.V.**

Departments carrying out the proposed work

Department 1

Department name	Jiangsu - Amsterdam Department	☐ not applicable
	☒ Same as proposing organization's address	
Street	Haaksbergweg 75, Unit 9.1	
Town	Amsterdam	
Postcode	1101 BR	
Country	Netherlands	

Links with other participants

Type of link	Participant
--------------	-------------

Application forms

Proposal ID **101181637-1**
Acronym **CLIMAFARM-NET**
Short name **Fore Conif B.V.**

Main contact person

The name and e-mail of contact persons are read-only in the administrative form, only additional details can be edited here. To give access rights and basic contact details of contact persons, please go back to step - Manage your related parties of the submission wizard and save the changes.

Title

Mr

Gender

Woman

Man

Non Binary

First name

Luke

Last name

van Unen

E-Mail

luke.vu@foreconif.com

Position in org.

Manager: Jiangsu - Amsterdam Dept.

Department

Fore Conif B.V.

Same as organization name

Same as proposing organization's address

Street

Haaksbergweg 75, Unit 9.1

Town

Amsterdam

Post code

1101 BR

Country

Netherlands

Website

https://netherlandsinnovationcenter.com/

Phone

+31636063030

Phone 2

+31251823004

Other contact persons

First Name	Last Name	E-mail	Phone
Yuanjie	Yu	info@foreconif.com	+31619917819

Application forms

Proposal ID **101181637-1**
Acronym **CLIMAFARM-NET**
Short name **CONSTANTINE THE PHILOSOPHER UNIVERSIT**

PIC	Legal name
997731913	UNIVERZITA KONSTANTINA FILOZOFA VNITRE

Short name: CONSTANTINE THE PHILOSOPHER UNIVERSITY IN NITRA

Address

Street	TRIEDA ANDREJA HLINKU 1
Town	NITRA
Postcode	949 01
Country	Slovakia
Webpage	www.ukf.sk

Specific Legal Statuses

Legal person	yes
Public body	yes
Non-profit	yes
International organisation	no
Secondary or Higher education establishment	yes
Research organisation	yes

SME Data

Based on the below details from the Participant Registry the organisation is **not an SME** (small- and medium-sized enterprise) for the call.

SME self-declared status	01/10/2004 - no
SME self-assessment	unknown
SME validation	unknown

Application forms

Proposal ID **101181637-1**
Acronym **CLIMAFARM-NET**
Short name **CONSTANTINE THE PHILOSOPHER UNIVERSIT**

Departments carrying out the proposed work

Department 1

Department name

Department of Tourism, Faculty of Central European Studies

☐ not applicable

☐ Same as proposing organization's address

Street

Dražovská cesta 4

Town

Nitra

Postcode

949 01

Country

Slovakia

Links with other participants

Type of link	Participant
--------------	-------------

Application forms

Proposal ID **101181637-1**
Acronym **CLIMAFARM-NET**
Short name **CONSTANTINE THE PHILOSOPHER UNIVERSIT**

Main contact person

The name and e-mail of contact persons are read-only in the administrative form, only additional details can be edited here. To give access rights and basic contact details of contact persons, please go back to step - Manage your related parties of the submission wizard and save the changes.

Title

Ms

Gender

☒ Woman

☐ Man

☐ Non Binary

First name

Viktória

Last name

Gergelyová

E-Mail

vgergelyova@ukf.sk

Position in org.

Vice-Dean for International Relations and Development

Department

Faculty of Central European Studies

☐ Same as organization name

☐ Same as proposing organization's address

Street

Dražovská cesta 4

Town

Nitra

Post code

949 01

Country

Slovakia

Website

https://www.fss.ukf.sk/en/

Phone

+421 37 6408 852

Phone 2

+421904810055

Other contact persons

First Name	Last Name	E-mail	Phone
Norbert	Betak	nbetak@ukf.sk	+421904867125

Application forms

Proposal ID **101181637-1**
Acronym **CLIMAFARM-NET**
Short name **Foundation Pro Scientia Naturae**

PIC	Legal name
931568504	Foundation Pro Scientia Naturae

Short name: Foundation Pro Scientia Naturae

Address	
Street	Posta utca 18
Town	Zenta
Postcode	24400
Country	Serbia
Webpage	www.proscnat.uni-corvinus.hu

Specific Legal Statuses

Legal person	yes
Public body	no
Non-profit	yes
International organisation	unknown
Secondary or Higher education establishment	unknown
Research organisation	unknown

SME Data

Based on the below details from the Participant Registry the organisation is **not an SME** (small- and medium-sized enterprise) for the call.

SME self-declared status	20/02/2015 - no
SME self-assessment	unknown
SME validation	unknown

Application forms

Proposal ID **101181637-1**
Acronym **CLIMAFARM-NET**
Short name **Foundation Pro Scientia Naturae**

Departments carrying out the proposed work

Department 1

Department name	Department of Tourism	☐ not applicable
	☒ Same as proposing organization's address	
Street	Posta utca 18	
Town	Zenta	
Postcode	24400	
Country	Serbia	

Links with other participants

Type of link	Participant
--------------	-------------

Application forms

Proposal ID **101181637-1**

Acronym **CLIMAFARM-NET**

Short name **Foundation Pro Scientia Naturae**

Main contact person

The name and e-mail of contact persons are read-only in the administrative form, only additional details can be edited here. To give access rights and basic contact details of contact persons, please go back to step - Manage your related parties of the submission wizard and save the changes.

Title **Ms**

Gender ☒ Woman ☐ Man ☐ Non Binary

First name **Sarolta**

Last name **dr. Kulcsár**

E-Mail **kulcsar.sarolta1988@gmail.com**

Position in org. **programkoordinátor**

Department **Foundation Pro Scientia Naturae**



Same as
organization name

☒ Same as proposing organization's address

Street **Posta utca 18**

Town **Zenta**

Post code **24400**

Country **Serbia**

Website *Please enter website*

Phone **+xxx xxxxxxxxx**

Phone 2

+xxx xxxxxxxxx

Application forms

Proposal ID **101181637-1**

Acronym **CLIMAFARM-NET**

Short name **Altmen Commodity Consultancy doo**

PIC	Legal name
878892751	Altmen doo

Short name: Altmen Commodity Consultancy doo

Address

Street	Miklosiceva Cesta 6
Town	Ljubljana
Postcode	1000
Country	Slovenia
Webpage	www.altmengroup.com

Specific Legal Statuses

Legal person	yes
Public body	no
Non-profit	yes
International organisation	no
Secondary or Higher education establishment	no
Research organisation	no

SME Data

Based on the below details from the Participant Registry the organisation is not an SME (small- and medium-sized enterprise) for the call.

SME self-declared status	02/02/2024 - no
SME self-assessment	unknown
SME validation	unknown

Application forms

Proposal ID **101181637-1**
Acronym **CLIMAFARM-NET**
Short name **Altmen Commodity Consultancy doo**

Departments carrying out the proposed work

Department 1

Department name	Altmen Doo	☐ not applicable
	☒ Same as proposing organization's address	
Street	Miklosiceva Cesta 6	
Town	Ljubljana	
Postcode	1000	
Country	Slovenia	

Links with other participants

Type of link	Participant
--------------	-------------

Application forms

Proposal ID **101181637-1**

Acronym **CLIMAFARM-NET**

Short name **Altmen Commodity Consultancy doo**

Main contact person

The name and e-mail of contact persons are read-only in the administrative form, only additional details can be edited here. To give access rights and basic contact details of contact persons, please go back to step - Manage your related parties of the submission wizard and save the changes.

Title **Mr**

Gender ☐ Woman ☒ Man ☐ Non Binary

First name **Endre**

Last name **Tamás**

E-Mail **endre.tamas@itnnov.com**

Position in org. **manager**

Department **Altmen doo**



Same as
organization name

☒ Same as proposing organization's address

Street **Miklosiceva Cesta 6**

Town **Ljubljana**

Post code **1000**

Country **Slovenia**

Website *Please enter website*

Phone **+xxx xxxxxxxxx** Phone 2 **+xxx xxxxxxxxx**

Application forms

Proposal ID **101181637-1**
Acronym **CLIMAFARM-NET**
Short name **IHR doo**

PIC	Legal name
878639581	Ihr doo

Short name: IHR doo

Address	
Street	Ulica Domovinskog rata 5/D
Town	Solin
Postcode	21210
Country	Croatia
Webpage	https://infobiz.fina.hr/tvrtka/ihr-d-o-o/OIB-35496530793

Specific Legal Statuses

Legal person	yes
Public body	no
Non-profit	no
International organisation	yes
Secondary or Higher education establishment	no
Research organisation	no

SME Data

Based on the below details from the Participant Registry the organisation is not an SME (small- and medium-sized enterprise) for the call.

SME self-declared status	13/02/2024 - no
SME self-assessment	unknown
SME validation	unknown

Application forms

Proposal ID **101181637-1**
Acronym **CLIMAFARM-NET**
Short name **IHR doo**

Departments carrying out the proposed work

Department 1

Department name

IHR doo

☐ not applicable

☒ Same as proposing organization's address

Street

Ulica Domovinskog rata 5/D

Town

Solin

Postcode

21210

Country

Croatia

Links with other participants

Type of link	Participant
--------------	-------------

Application forms

Proposal ID **101181637-1**
Acronym **CLIMAFARM-NET**
Short name **IHR doo**

Main contact person

The name and e-mail of contact persons are read-only in the administrative form, only additional details can be edited here. To give access rights and basic contact details of contact persons, please go back to step - Manage your related parties of the submission wizard and save the changes.

Title	Mrs	Gender	☒ Woman	☐ Man	☐ Non Binary
First name	Merica	Last name	Batina		
E-Mail	inhrvatska@gmail.com				
Position in org.	Director				
Department	Ihr doo	☒	Same as organization name		
	☒ Same as proposing organization's address				
Street	Ulica Domovinskog rata 5/D				
Town	Solin	Post code	21210		
Country	Croatia				
Website	Please enter website				
Phone	+3859796700	Phone 2	+xxx xxxxxxxxxx		

Application forms

Proposal ID **101181637-1**
Acronym **CLIMAFARM-NET**
Short name **Roza Sandor Hajdukovo**

PIC	Legal name
878639193	Roza Sandor Hajdukovo

Short name: Roza Sandor Hajdukovo

Address

Street Borisa Kidrica 30
Town Hajdukovo
Postcode 24414
Country Serbia
Webpage www.hajdujaras.com

Specific Legal Statuses

Legal person yes
Public body yes
Non-profit yes
International organisation no
Secondary or Higher education establishment no
Research organisation no

SME Data

Based on the below details from the Participant Registry the organisation is not an SME (small- and medium-sized enterprise) for the call.

SME self-declared status 13/02/2024 - no
SME self-assessment unknown
SME validation unknown

Application forms

Proposal ID **101181637-1**
Acronym **CLIMAFARM-NET**
Short name **Roza Sandor Hajdukovo**

Departments carrying out the proposed work

Department 1

Department name	Roža Šandor Hajdukovo	☐ not applicable
	☒ Same as proposing organization's address	
Street	Borisa Kidrica 30	
Town	Hajdukovo	
Postcode	24414	
Country	Serbia	

Links with other participants

Type of link	Participant
--------------	-------------

Application forms

Proposal ID **101181637-1**
Acronym **CLIMAFARM-NET**
Short name **Roza Sandor Hajdukovo**

Main contact person

The name and e-mail of contact persons are read-only in the administrative form, only additional details can be edited here. To give access rights and basic contact details of contact persons, please go back to step - Manage your related parties of the submission wizard and save the changes.

Title	Mr	Gender	☐ Woman	☒ Man	☐ Non Binary
First name	Rudolf	Last name	Sövény		
E-Mail	sovenyrudolf@gmail.com				
Position in org.	manager				
Department	Roža Šandor Hajdukovo			☐	Same as organization name
	☒ Same as proposing organization's address				
Street	Borisa Kidrica 30				
Town	Hajdukovo	Post code	24414		
Country	Serbia				
Website	Please enter website				
Phone	+xxx xxxxxxxxx	Phone 2	+xxx xxxxxxxxx		

Application forms

Proposal ID **101181637-1**
Acronym **CLIMAFARM-NET**
Short name **GARDEN PROIECT SRL**

PIC	Legal name
879181423	GARDEN PROIECT SRL

Short name: GARDEN PROIECT SRL

Address

Street PRINCIPALA STREET , NR 11
Town MADARAS
Postcode 537071
Country Romania
Webpage www.gardenproiect.ro

Specific Legal Statuses

Legal person yes
Public body no
Non-profit no
International organisation no
Secondary or Higher education establishment no
Research organisation no

SME Data

Based on the below details from the Participant Registry the organisation is not an SME (small- and medium-sized enterprise) for the call.

SME self-declared status 22/01/2024 - no
SME self-assessment unknown
SME validation unknown

Application forms

Proposal ID **101181637-1**
Acronym **CLIMAFARM-NET**
Short name **GARDEN PROIECT SRL**

Departments carrying out the proposed work

Department 1

Department name	Department of Tourism	☐ not applicable
	☒ Same as proposing organization's address	
Street	PRINCIPALA STREET , NR 11	
Town	MADARAS	
Postcode	537071	
Country	Romania	

Links with other participants

Type of link	Participant
--------------	-------------

Application forms

Proposal ID **101181637-1**
Acronym **CLIMAFARM-NET**
Short name **GARDEN PROIECT SRL**

Main contact person

The name and e-mail of contact persons are read-only in the administrative form, only additional details can be edited here. To give access rights and basic contact details of contact persons, please go back to step - Manage your related parties of the submission wizard and save the changes.

Title	Ms	Gender	☒ Woman	☐ Man	☐ Non Binary
First name	Szidónia	Last name	Gábor		
E-Mail	gabor.szidonia95@gmail.com				
Position in org.	plant manager				
Department	GARDEN PROIECT SRL		☒	Same as organization name	
	☒ Same as proposing organization's address				
Street	PRINCIPALA STREET , NR 11				
Town	MADARAS	Post code	537071		
Country	Romania				
Website	Please enter website				
Phone	+xxx xxxxxxxxx	Phone 2	+xxx xxxxxxxxx		

Application forms

Proposal ID **101181637-1**
Acronym **CLIMAFARM-NET**
Short name **TAX SOLVE Penzegyi Tanacsado és Szolgaltat**

PIC	Legal name
888822544	TAX SOLVE Penzegyi Tanacsado és Szolgaltata Korlátolt Felelösségu Tarsaság

Short name: TAX SOLVE Penzegyi Tanacsado és Szolgaltata Korlátolt Felelösségu Tarsaság

Address

Street Kiscelli utca 7-9.
Town Budapest
Postcode 1164
Country Hungary
Webpage www.taxsolve.hu

Specific Legal Statuses

Legal person yes
Public body no
Non-profit no
International organisation no
Secondary or Higher education establishment no
Research organisation no

SME Data

Based on the below details from the Participant Registry the organisation is an SME (small- and medium-sized enterprise) for the call.

SME self-declared status 19/10/2021 - yes
SME self-assessment unknown
SME validation unknown

Application forms

Proposal ID **101181637-1**
Acronym **CLIMAFARM-NET**
Short name **TAX SOLVE Penzegyi Tanacsado és Szolgaltat**

Departments carrying out the proposed work

Department 1

Department name	Department of Tourism	☐ not applicable
	☒ Same as proposing organization's address	
Street	Kiscelli utca 7-9.	
Town	Budapest	
Postcode	1164	
Country	Hungary	

Links with other participants

Type of link	Participant
--------------	-------------

Application forms

Proposal ID **101181637-1**

Acronym **CLIMAFARM-NET**

Short name **TAX SOLVE Penzegyi Tanacsado és Szolgaltat**

Main contact person

The name and e-mail of contact persons are read-only in the administrative form, only additional details can be edited here. To give access rights and basic contact details of contact persons, please go back to step - Manage your related parties of the submission wizard and save the changes.

Title **Ms**

Gender ☒ Woman ☐ Man ☐ Non Binary

First name **Timea**

Last name **Varga**

E-Mail **timea@taxsolve.hu**

Position in org. **general manager**

Department **TAX SOLVE Penzegyi Tanacsado és Szolgaltata Korlátolt Felelősségű Társaság**



Same as
organization name

☒ Same as proposing organization's address

Street **Kiscelli utca 7-9.**

Town **Budapest**

Post code **1164**

Country **Hungary**

Website *Please enter website*

Phone **+xxx xxxxxxxxx**

Phone 2

+xxx xxxxxxxxx

Application forms

Proposal ID **101181637-1**
Acronym **CLIMAFARM-NET**
Short name **Fundatia Sfantul Francisc**

PIC	Legal name
940192483	Fundatia Sfantul Francisc

Short name: Fundatia Sfantul Francisc

Address

Street	Progresului 6
Town	Deva
Postcode	330046
Country	Romania
Webpage	www.magnificat.ro

Specific Legal Statuses

Legal person	yes
Public body	no
Non-profit	no
International organisation	no
Secondary or Higher education establishment	no
Research organisation	no

SME Data

Based on the below details from the Participant Registry the organisation is **not** an SME (small- and medium-sized enterprise) for the call.

SME self-declared status	02/11/1993 - no
SME self-assessment	unknown
SME validation	unknown

Application forms

Proposal ID **101181637-1**
Acronym **CLIMAFARM-NET**
Short name **Fundatia Sfantul Francisc**

Departments carrying out the proposed work

Department 1

Department name	Department of Tourism	☐ not applicable
	☒ Same as proposing organization's address	
Street	Progresului 6	
Town	Deva	
Postcode	330046	
Country	Romania	

Links with other participants

Type of link	Participant
--------------	-------------

Application forms

Proposal ID **101181637-1**

Acronym **CLIMAFARM-NET**

Short name **Fundatia Sfantul Francisc**

Main contact person

The name and e-mail of contact persons are read-only in the administrative form, only additional details can be edited here. To give access rights and basic contact details of contact persons, please go back to step - Manage your related parties of the submission wizard and save the changes.

Title **Mrs**

Gender ☒ Woman ☐ Man ☐ Non Binary

First name **Rita**

Last name **Menyhárt**

E-Mail **menyhartcsalad@gmail.com**

Position in org. **manager**

Department **Fundatia Sfantul Francisc**



Same as
organization name

☒ Same as proposing organization's address

Street **Progresului 6**

Town **Deva**

Post code **330046**

Country **Romania**

Website *Please enter website*

Phone **+xxx xxxxxxxxx**

Phone 2

+xxx xxxxxxxxx

Application forms

Proposal ID **101181637-1**
Acronym **CLIMAFARM-NET**

3 - Budget

TOTAL Requested EU contribution to eligible costs (Requested grant amount) - EUR	6000000.00
--	------------

CLIMATE-NEUTRAL MODULAR VERTICAL FARM NETWORK DESIGNED FOR LOCAL CONDITIONS

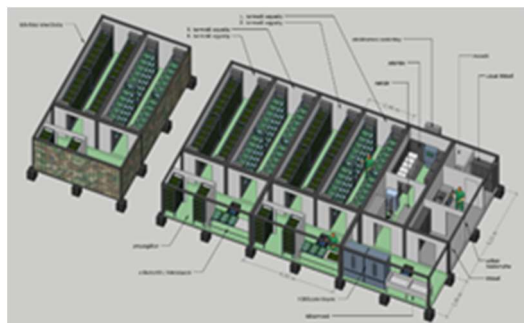
CLIMAFARM-NET

##APP-FORM-HERIAIA1ST@# ##REL-EVA-RE@#

1. Excellence

1.1 Objectives and ambition ##PRJ-OBJ-PO@#

The project addresses area A and aims to create a climate-neutral Modular Vertical Farm Network and locally based Tourist Attractions, creating an integrated, novel business and organisational model, where indoor vegetable production is integrated in one location through a modular, variable vertical farm, and the processing, serving and



marketing of the products grown there to customers/consumers, with locally based tourist attractions as an integral part. The business and organisational model is based on a completely new approach, where the naturally intertwined processes of production, processing and marketing are integrated into a complex, coherent system on a single site, and where each process incorporates innovations and technologies that ensure a high degree of efficiency to make optimal use of resources and thus achieve maximum effectiveness. Within the framework of the project, the applicant consortium will implement a complex facility that combines vertical farm technology, innovation in indoor crop production and tourist attractions based on local assets,

which are complementary and closely linked and provide mutual synergies. Also, by adopting the farm-to-table concept, a project will be implemented that will link biodiversity and bio-economic strategies, contributing to the strengthening, connectivity, resilience and prosperity of rural areas. By integrating research and innovation into the project, an innovative business and production model – indoor crop production and tourism, integrated management of cultural and natural heritage and a delivery service based on it – will be developed and realised that is future-proof and will promote improved economic outcomes, cooperation, inclusion and equity for farmers and rural communities, as well as high sustainability and contribution to climate neutrality and meeting societal expectations, in particular with regard to local economies and the protection of nature and resources (e.g. water, soil and air). In the framework of the project, 8 locations in Europe will be involved as partners in the implementation of the concept. The activities at the sites will be centralised in the country of the coordinator, and further R&I activities will be carried out in this centre, for which we plan to involve additional 20 academic partners in the project, bringing the total number of participants to 28 from 22 countries. The development of the Modular Vertical Farm Network will create equal opportunities for rural communities and access to healthy food regardless of their level of development. Also, innovation carries the potential for further development, as the vertical farm will combine high technology and tourism – e.g. agro-tourism complemented with future agricultural technology – which, in turn, will create the basis for rural communities to create jobs and to engage young people in modern sustainable agriculture and tourism, thus increasing the resilience of rural communities, opening up opportunities for further R&I and the application of modern technology (artificial intelligence, robotics) in disadvantaged rural communities. The project is an existing initiative at TRL 3 level and close cooperation with universities and research centres is an important part of the R&I segment of the development. The results of the project will be taken forward through a broad international network of partners and the involvement of additional urban and rural communities and other collaborative partners – Public Private Partnerships. Owing to the specificities of the project, it will be closely linked to EU-China cooperation programmes and it will contribute to the implementation of the EU-China Food, Agriculture and Biotechnology (FAB) Flagship Initiative, which aims to ensure the sustainability of agri-food systems, meet the needs of a growing population, reduce food and agricultural losses and waste, and ensure safe and healthy food. The project will encourage interaction with the EU-China Climate Change and Biodiversity (CCB) research flagship and other actions developed under the Food, Agriculture and Biotechnology (FAB) flagship. The project will create a new business and organisational model, unique in the world, by coherently integrating the 'production-processing-sales' flows of the agriculture, food and hospitality industries. Although the underlying vertical farm technology is one of the most advanced technologies available today, existing applications are limited to the production and processing flows (B2B - Business to Business) and there are no projects



that integrate the entire B2C (Business to Consumer) flow in a coherent system in this area. The unique business and organisational model makes it essential to further develop current technologies and to create specific robotised or AI-enabled data processing systems and flows that go beyond the current known solutions and create new and innovative solutions covering the full vertical of "production - processing - sales": a) robotic technology specialised in the interaction of "production - processing - sales" processes / – developing measurement technologies specified for the control system in production processes, AI-controlled, automated intervention robotic technology / b) AI measuring consumer attitudes, needs, habits and from that controlling production and processing / c) application of AI to serve consumer needs (development of a health-conscious lifestyle and eating program, diets tailored to health problems) / d) processing, structuring and utilising large amounts of data from "production - processing - sales" processes / – developing a modular IT system that manages the entire food production and introduces human-like decision making wherever possible / e) developing a customer relationship module that manages sales efforts, keeps records of sales, processes sales data and offers intelligent sales procedures based on AI to improve business. Through the Modular Vertical Farm Network and locally-based Tourism Attractions, rural communities can adopt a wide range of innovative, inclusive and sustainable business and production models that enhance climate action, protect and restore biodiversity, and reduce emissions or concentrations of air pollutants in different agricultural and rural environments. The position of the rural communities and actors involved in the project will be improved in the value chains, thanks to greater inclusiveness, equity and financial sustainability of commercial relations between the various actors of agricultural and rural enterprises, and the possibility to measure and monitor the economic, social and environmental sustainability of the various agricultural systems and rural enterprises, thanks to the development and use of innovative technologies, in this case vertical farm technology based on digital technologies. The use of a toolkit developed by international experts will ensure that processes can be measured and monitored during and after implementation. The ETIS (European Tourism Indicator System) will be used to monitor the follow-up of a given tourist destination. Sustainability aspects will be a priority in the implementation of the tourism elements, i.e. we will focus specifically on product types that comply with the principles of responsible tourism, in particular environmental sustainability. The sustainability aspects will be monitored using the TIPs (Toolkit of Indicators for Projects) system proposed by the UNWTO. The prosperity of rural areas will increase thanks to the creation of new jobs resulting from innovative and sustainable production and business models, and sustainable business and production models that take into account not only economic but also social and environmental aspects. Through this project, we aim to create a new concept that will allow the benefits and results of these technologies to reach the final consumer directly, by developing the most advanced technologies and applications, and to make healthy food and a healthy diet accessible to the whole spectrum of society, by improving existing products and creating new ones, based on consumer needs. As the new business and organisational model created by the project can easily be physically established anywhere, there is a wide multiplication potential, i.e. the results of the project can be disseminated to any consumer population, regardless of geographical location or economic development. The project will create a business unit combining sales, production and service activities in line with our radically new business concept. We plan to expand the production and processing capacity of the unit in a modular way to meet the expected market needs. The finished product and service portfolio will be continuously reviewed with the applications that will be created as a result of the project and the product and service structure will be continuously updated according to customer feedback. The vertical farm will be created using the latest, state-of-the-art industrial technology available, which will allow the autotrophic plants to exist and be productive in an automated way with as little human intervention as possible. We envisage that the R&I activities to be implemented will result in the creation of a new service for the industry: a quality assurance system that will form the basis for the international quality assurance system and procedures, and the development of certification and certification-accreditation procedures. The project is currently at the level of development of principles, technology concepts (TRL 3) and laboratory validated technology (TRL4) and the implementation is scheduled for 36 months with the final stage, the prototype demonstration in an operational environment (TRL7), to be reached at the end of the project.

#\$PRJ-OBJ-PO\$#

1.2 Methodology #@CON-MET-CM@# #@COM-PL-CP@#

1.2.1. Detailed description of the methodology

1.2.1.1 Our research programme

General methodology is a brief outline of the scientific method that guides the research process. We will implement a research programme that focuses on the recognised and growing worldwide demand for high quality, predictable quantities of vegetables and fruits that are resistant to extreme weather conditions. A number of technical developments and research results are now available for this cultivation, and many scientific results are known and published in this field, which will be used in our research. However, we have found that there is one topic in this area that has not yet been scientifically analysed – and which could form the basis for further research. We see this as a challenge. The starting point for our research is a completely new approach developed by us. Our theoretical premise (hypothesis) is that by coherently integrating the processes of "production - processing - marketing", we will create

a new model in which the simultaneous application of robotic technology and artificial intelligence will lead to more productive food production, fully resistant to weather extremes, but at the same time programmable according to the planned needs. This is the concept on which we are working as a scientific hypothesis, which we will validate theoretically, and then, if our theory is proven by the scientific methods we have established, we will carry out the experimental developments linked to the hypothesis, which will provide a realistic basis for the implementation of our theoretical models in large-scale conditions. Our research is therefore primarily aimed at validating the following main objectives:

- Comparing outdoor and greenhouse crop production with indoor precision farming to identify similarities and differences. This is already a well-researched topic, no further research is needed, but it should be considered and built on existing research;
- the use of energy from natural sunlight on indoor farms, which has also been extensively researched and the research results widely published, and therefore existing scientific results should be taken into account;
- the highest possible level of automation: to make indoor precision farming processes free from human intervention. To achieve this, we will use robotic technology, so our research will aim to identify processes where robotisation is possible. Contemporary research and testing in this area already exist, so our task in this area will be to study and evaluate existing solutions and synthesise their results, focusing on our own research topic;
- replacing human intelligence with artificial intelligence: AI-based production management. This is the central theme of our research, namely the analysis of how to plan food demand most accurately based on consumer habits. Our aim is to demonstrate that it is possible to quantify and qualitatively determine what consumers will demand at a given time in the future (e.g. consumers will demand 5 kg of salad in 15 days) and to program production/processing accordingly, based on sales processes, without human intervention. Our assumption is that we cannot expect a group of consumers to coordinate and agree with each other on the expected production output of the farm (e.g. by roughly agreeing with each other on what they want to order in two weeks' time, but we want to plan this for them. This planning is even more necessary when applied to a larger the group of consumers, since the larger the group, the smaller the possibility of collecting data directly from consumers.

During our preliminary topic formulation and the examination of the individual research topics, we found that the last of our research topics is one that has not yet been modelled and investigated, or at least not yet published in the international literature. The results of our research and the concrete experimental improvements that we plan to make on the basis of these results can contribute to a more conscious approach to food production and manufacturing, and we hope that our results can provide a basis for and stimulate further research. We therefore place great emphasis on the wide publication of our results, and on testing our experimental developments under real conditions and with real data.

1.2.1.2 Our methodological approach

During the preparation of the research, we also had to think about the overall methodology for conducting the research as a project, which would permeate the whole process from design to documentation. There are always many uncertainties in a research project and this is especially true for basic research. In the preliminary stages of our research, we have made the following observations, which have implications for the overall methodology we should apply:

- we can be flexible in addressing our challenges,
- we can accept minor changes in deadlines for meeting milestones,
- we work with smaller and separate teams, which otherwise work well independently,
- we face complex, multi-stage R&D tasks.

Recognising all of these factors, we decided to conduct the research project using an agile methodology because it gives us the flexibility to do so. At the same time, we need to have a starting point, i.e. a vision, based on which the scope of each research project can be defined, although this may change during the implementation of the R&D project, as appropriate. However, we need to have an overall plan before any research activity. Our research plan is summarised in the following nodes:

1. consumer data-driven production management in the indoor vertical economy;
2. self-learning and artificial intelligence in automated sales processes;
3. creating a fully integrated system to implement these technologies in industrial quality and quantity production processes.

This plan will guide our research activities. We will introduce both quantitative and qualitative research methods according to the basic rules of scientific knowledge acquisition: we will experiment, measure, observe, collect data, study literature, evaluate, create models and processes.

1.2.1.3. Compliance of our methodology with the EU objectives of establishing a framework to promote sustainable investment

Regulation 2020/852 of the European Parliament and of the Council of the European Union (18 June 2020) has already set as one of its fundamental objectives (see Article 4 of the Regulation) the Community's objective that

sustainability and the transition to a secure, climate-neutral, resilient, more resource-efficient and circular economy are crucial to ensure the long-term competitiveness of the EU economy. Article 23 of the Regulation also states that an indicative list of environmental objectives must be established for the purpose of determining the environmental sustainability of an economic activity. And to this end, the Regulation has assigned a list of six environmental objectives. We have carried out such an assessment of the preliminary design and the research program and the research methods that we intend to implement, and we have concluded that our project fully meets the objectives.

1. mitigation of climate change: fully promoted the objectives and intended outcomes of the project;
2. adaptation to climate change: fully promoted by the objectives and intended results of the project;
3. sustainable use and protection of aquatic and marine resources: fully promoted by the objectives and planned results of the project;
4. transition to a circular economy: fully promoted by the project objectives and planned results;
5. pollution prevention and reduction: fully promoted the objectives and planned results of the project; and
6. protection and restoration of biodiversity and ecosystems: fully promoted by the project objectives and planned results.

1.2.2. External framework of our research

1.2.2.1. Outline methodology for using prior knowledge in our research

Scientific results that have already been achieved in all relevant areas of the project and that are available to the scientific community as a whole are considered as existing knowledge and, if verified, they do not need to be further researched until there is no doubt about their results, models, calculations and conclusions. We will use these results. Our aim is therefore to identify published research and innovation whose results we should incorporate into the project and build upon. We will prioritise these research activities and their results and present them with a focus on our own themes. This will be done through a review of the available literature on the following topics:

- understanding and recording the advantages of indoor precision farming over outdoor and greenhouse farming,
- the use of solar energy for indoor farms,
- automation at the highest level, robotization of the entire process chain.

Our methodology in this area is to review the literature and extract relevant results. At the same time, in addition to the literature review, we will also examine the business results that are already being implemented, i.e. we cannot limit ourselves to the results of the scientific community, but will complement this with results that are relevant but not published in the scientific community. Indeed, we must recognise that many automation manufacturers and agribusinesses have already recognised the benefits of automation, and we must extend our data collection to this area. The method for doing this is to organise the data available on the web and to contact and collect data from these companies. We will therefore not revisit areas that have already been thoroughly researched and analysed – as long as there is no doubt as to the relevance of the results for us – and we will evaluate the results in the light of our own research logic and subjects. Finally, we will adapt them to the purpose and incorporate them into our results.

1.2.2.2. Interdisciplinary approach and the role of social sciences in research

From the data we have gathered during the preparation, there is a visible need to integrate knowledge from several disciplines that are otherwise not or only sparsely intersecting, and therefore, in our view, an interdisciplinary approach is absolutely necessary and justified. The research topic is complex and the subject of the research is diverse, and we therefore want to liberate the solution of the problem from a correspondingly strict disciplinarity, because we want to provide practical and useful answers to the real problem posed. The problem itself is multifaceted: social and technological, and therefore providing a simplistic answer would be insufficient.

We are determined to conduct typical problem-solving research. To this end, our research must synthesise the results of chemical engineering developments, agricultural economics, sociology, anthropology, political economy, information engineering, smart automation, and psychology as a science. The use and further analysis of the results may be of interest to members of several disciplines and organizations.

Among the social sciences, research in the fields of sociology and psychology should definitely be introduced, because we want to analyse and evaluate simultaneously the behaviour and choices of consumers as individuals and as a group of consumers. We know that marketing as a practice has achieved a great deal in recent decades using the research findings of these disciplines, but we must definitely introduce new research in this area, because this time we do not want to influence consumers from the direction of the company, but we must look at existing consumer attitudes that we have not shaped, which essentially justifies a reverse logic. There are also valuable research findings in this area, both from sociology and psychology, which we should of course incorporate into our research, but we need to complement them.

The questionnaire method and focus group interviews seem obvious for this research, but we will also work on new methods of gaining knowledge in order to gain an even more accurate picture of consumer behaviour, trends and the factors and circumstances that influence them. The development of new methods is part of the research activity.

1.2.2.3. Our position on open science

We will join the Open Science exercise, and to this end we will seek to share scientific knowledge rather than compete

for it. The scientific results will be classified into two basic groups: results that are related to some patenting (i.e. connected to vertical farming propriety systems), and those that are not. The two will be treated in different ways. While the former should be thoroughly investigated and any commercial aspects are to be removed from publishing, the latter are free to distribute and we plan to publish these results via the relevant scientific papers, distribution channels, conferences and also on the web. Furthermore, we also plan to use the social media for digesting and distributing the practical aspect of the results so that the greatest scope of audience would be familiar how science can help to solve practical issues. The best practices will also be organised as a “free franchise” for those who would like to launch similar or corresponding businesses.

1.2.2.4. Handling research data and results according to FAIR principles

When sharing scientific results will correspond to the FAIR principles, namely:

- Findable: We are about to publish all scientific achievements in open scientific papers, conferences, and also on the web. We plan to register the results into scientific metadata sources to allow scientific communities to find them easily.
- Available: The metadata of the scientific results will openly be available in the corresponding databases.
- Interoperable: The metadata of the scientific results will be organised with respect to their correspondence to those of other similar fields, and will be composed accordingly.
- Reusable: The metadata of the scientific results will be described and registered with a broad range of attributes commonly accepted among the community standards of particular areas.

1.2.2.5. Concept validation and short risk analysis

Once we have the innovative idea, we have to subject it to a process of concept validation before we can move forward. We have subjected our innovative idea to this, and this is where the market validation aspect becomes important again. It is not enough to be intuitive about our concept and feel that it will be good. Based on the criteria of the tender, we have assembled an objective concept-checking process, which is in fact a specific data collection process: we can achieve an evaluable and usable result by answering the following key questions correctly, i.e. preferably based on data:

1. can it be done (is it be feasible)?
2. what is its innovation potential?
3. what is the potential target market for the product/service?
4. what does an analysis of future trends and directions in the market segment show?

1. The first question actually leads us to an analysis of the technical and business risks inherent in the project. We know that what we have conceived can be realised, and we know this from the fact that our preparatory work has provided us with a wealth of information that has shown us that we will be successful in laying the foundations for our research and in designing the development steps. At the same time, we identify the following technical risks in the implementation:

- technological risk: during the approximately two years of development of our production management system, new technical solutions will be developed that would be inevitable to integrate into our own processes currently under developed. To manage this risk, we assign a project manager who is in close contact with the engineers of our external partners who are constantly working on our production technologies and can provide immediate feedback to the project team on the introduction of any such new industry solutions;
- standardization risks: we cannot ignore the fact that, due to the dispersed location of production and processing units around the world, there is a high degree of variation and uncertainty in some man-made environmental factors (e.g. variations in water quality, variations in crop species). In our opinion, the only way to address this is to base our quality requirements on the most comprehensive data collection, and to impose reasonable limits on specific indicators.

2. The innovation potential of the project has already been demonstrated. We expect it to have a new, market-creating impact.

3. The potential target market for our newly introduced service can be evaluated globally, because we are entering into this in the hope that this production management method and toolkit, and the system developed on the basis of it, should become a dominant factor in the production of soilless crops and in the processing and marketing of the vegetables harvested from them.

4. As we have already shown, this market segment is poised for explosive growth. The last few years have seen a mushrooming of 'cellar farms' in the big cities. These produce mainly micro-vegetables that are harvested between the germination and seedling stage, giving tender, tasty and colourful little plants. They are excellent for flavouring, but do not substitute products that form the basis of a main meal. For this reason, we do not consider this type of crop production as belonging to our market segment, but it does indicate a direction that could represent a potential for renewal for the targeted industry. This is because indoor precision farming creates a controlled environment that provides a steep increase in yield, quality, nutritional value and water use compared to conventional agriculture, while at the same time producing readily available, fresh and nutrient-dense food, without seasonality, on demand,

locally.

The complex approach requires the preparation of strategic guidelines for tourism development, which can be subsequently tailored to the given municipality or region, and which can be used to develop marketable and appropriate tourism products. The strategic planning also includes the development of feedback possibilities and the setting of targets in order to make them measurable and verifiable. The development of agri-tourism requires farms to be equipped to receive visitors - accessibility, reception facilities, hygiene, human resources - and to ensure full security for persons and property during visits. The existence of these conditions is independent of the intended target groups – leisure, business or professional visitors – and should be taken into account when designing the conditions. In order to ensure an optimal timeframe for the green and digital transition of agriculture, it is essential to transfer the necessary know-how and skills as soon as possible. The involvement of local people in the planning phase, in addition to the stakeholders directly concerned (community-based planning), is crucial in the development of the strategy. This is a time-consuming approach, but it has many advantages, as the implementation of a jointly developed vision and set of objectives is smoother than traditional strategy development, and it is much more effective in inspiring participants to set up their own businesses for the services that are still missing. The research needed for the situation analysis and visioning requires the involvement of:

- local population – regardless of their link to agriculture or tourism,
- business community – irrespective of the location of the business, the primary criterion for selection is the existence of jobs linked to them in the municipality or region and their economic weight in the given economy,
- public sector – local government, public service providers, community institutions, county council, relevant chamber of commerce, relevant regional development organisations,
- civil sector – professional tourism organisations, cultural and rural development associations, churches, where relevant.

The available digital toolkit supports most of the strategy development process, from online workshops to electronic interfaces to data collection and analysis. The steps in the strategy development process:

1. defining the purpose of the strategy development with relevant links to higher level concepts and strategies (spatial development concepts, rural and urban development strategies, sector strategies, etc.)
2. situation analysis: data collection, research, analysis, sustainability assessment, analysis of the performance and effectiveness of local tourism management
3. identifying opportunities and select key areas: after analysing the current situation, drawing up a problem map and identifying the factors that directly improve the well-being of the local population
4. setting a vision and objectives for a given period of time
5. action plan and timetable for implementation, setting out the appropriate governance model
6. risk analysis
7. monitoring activity: methodology of indicators, frequency of data collection required, definition of targets.

The first step of the project will be to produce a concise set of technical material to support the implementation of the seven points, together with appropriate data collection tools, which will be useful for managers with little experience in tourism development. In particular, small, disadvantaged municipalities do not have the necessary human and financial resources to hire experts. In order to ensure a successful strategy, the research to be carried out in the context of the situation analysis will be conducted in a system that is also suitable for effective monitoring. To this end, the project will develop a digital platform for the easy collection, recording and analysis of data in any municipality or region. This will be an advantage in those municipalities and regions where resources are not available to provide human resources with the appropriate competences. The use of the digital interface does not require in-depth technical knowledge, and the assessments are made using easy-to-understand infographic graphics, facilitating subsequent decision preparation and decision-making. For the data collection areas, the ETIS system and the set of indicators (TIPs) proposed to achieve the 17 UNWTO Sustainable Development Goals (SDG17) by 2030, i.e. the following areas, are considered as the guiding framework:

1. social and cultural area
2. natural environment and related areas
3. economic area, in addition to general data collection, with a special focus on agriculture and tourism,
4. points relating to regional management and tourism.

This comprehensive survey covers the collection of the following data:

social and cultural environment	natural environment	economic environment	regional management tourism
demographic data (population, age structure, mobility), labour market indicators, number of people working in agriculture and tourism, population satisfaction, local government, public services, civil society, social cohesion, vision, sustainability concepts, awareness-raising training, actions for the public on sustainability,	natural resources, geographical features, land use characteristics, protected areas, degree of biodiversity, climatic characteristics, waste water and waste management, number of holders of green labels, environmental pressures, sustainability plan, PPP investments planned and implemented in renewable energy expansion, awareness-raising training, percentage of tourism businesses using grey water, frequency of regular environmental impact assessments, percentage of enterprises using environmentally friendly solutions, number of businesses paying an environmental fee (green purchasing)	the quality and duration of accessibility required, infrastructure, activities, businesses, production and service chains, business satisfaction, economic networks and cooperation, spatial and urban development objectives, development indicators at municipal and enterprise level (GDP, profitability, market share, etc.) business sustainability plans, number of local farms and the number and availability of the products they produce, local products in the tourism value chain,	visitor statistics: number of overnight and multi-day visitors, length of stay, VÉJ, number of return visitors, capacity and quality of tourism infrastructure and superstructure, tourism receipts (expenditure), endowments and attractions, typical motivations, 5 most visited attractions, guest satisfaction, number of people employed in tourism, seasonality, tourism management at local level, service networks, regional links, Timeframe and objectives and tools for a sustainable tourism strategy

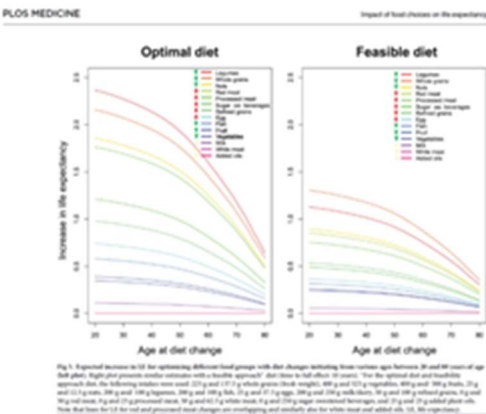
Data collection consists partly of primary research and partly of secondary material – development documents, official statistics, municipal and regional strategies, concepts, etc. For primary research, the methodology will include online questionnaire surveys among selected target groups, focus group studies and face-to-face interviews with key stakeholders. In order to quickly evaluate the large amount of data collected, the project will also include the development of a database for the digital reception of data, the continuous evaluation of the resulting data lake according to specified criteria and the visualisation of the results. Given that the monitoring of the strategic plan also requires continuous data collection and evaluation, the digital platform will remain available and operational after the project is completed. The longer the system provides data analysis for the level responsible for the destination management of the municipality or region, the more efficient and traceable all levels of planning will become, thus ensuring the long-term achievement of the project's objectives. The digital solution will also allow the collection of data from other sectors besides tourism, thus becoming an indispensable tool for the green and digital transition of agriculture.

#§CON-MET-CM§# #§COM-PL-CP§# #§REL-EVA-RE§#

2. Impact #@IMP-ACT-IA@#

2.1 Project’s pathways towards impact

The results of the project will lead to the sustainable, balanced, equitable and inclusive development of rural and urban areas through a better understanding of environmental, socio-economic, behavioural, cultural, architectural and demographic structures, the needs and drivers of change and their interconnections, and the application of digital, nature-based, social and community innovation. Through the project, rural and urban communities will be empowered to act for change, be better prepared to achieve climate neutrality and adapt to climate change, and use digital and green transitions to increase resilience and ensure a positive long-term outlook. As development is implemented, rural communities will have modernised innovation ecosystems and innovative and smarter





circular solutions that improve access to services and job opportunities, including for women and vulnerable youth, increase their attractiveness and reduce their sense of being left behind, even in remote places such as mountains and the outermost regions. Urban and peri-urban communities, including vulnerable people, can have access to, afford and choose healthy, nutritious and environmentally friendly food. Communities living in rural, natural areas can offer sustainable, high-quality, environmentally and socially friendly tourism, recreation and leisure activities. It is also important to point out that many analysts expect a shortage of certain food raw materials in the near future, which will lead to interruptions in production and supply. Even the coronavirus epidemic was associated with a temporary interruption of supply chains, which of course immediately forced the market players to make corrections in order to search for other procurement sources or alternative products and put them on the market. In many cases, even the temporary interruption of the supply chain brought about changes

that later proved to be permanent, which caused previously strong market players to disappear overnight and be replaced by others. With the development, we are creating a complex operating unit in accordance with the "Farm to table" business concept, and then we want to start operating it according to the business plan. With this development, we set ourselves no less a goal than to create a new concept through the further development of state-of-the-art technologies and applications, which enables the benefits and results of these technologies to be directly available to the final consumers and based on their needs, further developing the existing products and creating new ones make access to healthy food and health-conscious nutrition available to the entire spectrum of society. Since the new business and organizational model created through the development can be easily created physically anywhere, there is a wide multiplication possibility, i.e. the results of the project can be delivered to any consumer population regardless of geographical location or economic development. As a result of the project, an increase in life expectancy within the target population can be clearly demonstrated. Food is essential for good health and nutritional risk factors are estimated to cause 11 million deaths and 255 million disability-adjusted life years every year. The Global Burden of Diseases, Injuries and Risk Factors (GBD) study provides summary data on population health that are important for comparing health systems, but does not estimate the impact of changes in the composition of food groups and the corresponding health benefits. While the EAT-Lancet Committee has presented the diet of the planet, it provides limited information on the health effects of other diets and few people are able to adhere to strict health-maximising approaches. A modelling methodology using meta-analyses, data from the Global Burden of Disease study and life table methodology showed that a prolonged switch from a typical Western diet to an optimised diet could result in an increase in life expectancy (LE) of more than a decade for young adults. The biggest gains are from eating more pulses, whole grains and nuts, high nutrient vegetables and less red and processed meat. For older adults, the gains would be smaller but significant. Even the feasibility approach to diet indicates that both sexes would see a 7% or more increase in life expectancy in both age groups. The researchers found that if a person from the US, Europe or China followed this optimal diet from the age of 20, they could live more than 10 years longer. They also showed that switching from a Western-style diet to this optimal diet can increase a 60-year-old's life expectancy by up to 8 years, and by up to 3.5 years at the age of 80. Of course, it's not always easy to switch to this optimal diet, so the research also looked at what a halfway house between a Western diet and the coveted one would achieve. They found that this would increase life expectancy by around 6 years for women aged 20 and 7 years for men. As a result of the project, the shift towards a more environmentally and health-conscious lifestyle could be increased among the target group and the wider social strata. Following a diet that is balanced for the individual and the environment is a personal choice, but whether the diet chosen is appropriate to our expectations must be objective and not opinion-based. This would require everyone who is serious about eating for the environment and health to take individualised advice from a trusted professional, which is understandably not an option for most people at the moment. The result of the project will be an AI-driven consumer advice platform that will eliminate the above-mentioned problems and create a professionally based, objective, health and environmentally conscious lifestyle tailored to individual needs. A further result of the project will be the reduction of obesity-related diseases. In developed countries, including the European Union, an increasing proportion of health expenditure is spent on obesity and closely related diseases. Based on funding data from the Hungarian health insurance fund, the cost of treating obese or overweight patients is estimated to be around 15% of total health insurance fund expenditure and nearly 1% of gross domestic product (GDP). Obesity has reached a level today that it is imperative to address and combat. Over the past decades, the number of overweight people in European countries has increased by 10-40%. Cardiovascular diseases, hypertension, type 2 diabetes, cancers, joint diseases, metabolic disorders, premature mortality. According to the WHO, obesity is

clearly the most common non-communicable chronic disease. It sounds scary, but 80% of the Hungarian population has an obesity problem. This is not just a health problem, but also a social one. Reducing fat intake, cutting down on sugar consumption, and eating fruit, vegetables and quality protein regularly are the foundations for successful weight loss. Claire Wang and colleagues at Columbia University have also shown that obesity leads to more absenteeism and lower productivity. Obesity can lead to a variety of health, psychological, and social effects that then can lead to decreased productivity, increased healthcare costs, and lower morale for a business/organization. [Courtesy of Global Obesity Prevention Center (GOPC) at Johns Hopkins] Speaking at the 2019 HVG Healthy Workplace Conference, Frigyes Schannen of Roland Berger said that in their experience, the performance of workers who eat healthily is on average 25 per cent higher. Nutritious, healthy food can improve concentration and cognitive function, thereby improving employees' performance at work. A Brigham Young University study claims that people with unhealthy eating habits are 66 percent more likely to have lower productivity. As Jelena Länger, founder and CEO of the Longevity Project and one of the country's foremost experts on healthy eating, has written, 22 weeks of healthy (predominantly whole plant) nutrition training at a US insurance company resulted in participants' physical health improving significantly compared to the control group, as well as their mental performance and the quality of their social relationships. The results of the project will make the healthy choice the most obvious and easiest choice in a corporate environment. As the technology introduced and further developed allows for chemical-free, pesticide-free production, no chemicals are added to the products, making them easily and cheaply available to the target group, thus eliminating the chemical allergy that affects an increasing part of society today. The products are delivered to the consumer in a clean, chemical-free state, with high quality standards. An additional advantage and positive effect of the improved and refined technology resulting from the project is that there is no need to genetically modify (GM) plants to increase their resistance to environmental impacts - new varieties with improved properties compared to previous ones, such as better drought tolerance or even disease resistance - thus producing non-GM food for the target consumer audience. Representative surveys show that around two thirds of the European community are against GM products, mainly because of fears of long-term consequences and complications. In Hungary, all products containing more than 0.9% of genetically modified ingredients are required to be labelled, and there is also a moratorium on the cultivation of GM crops, and Hungary's Fundamental Law currently maintains a GM-free agriculture with regard to the right to physical and mental health. Genetic engineering is still in the focus of intense scientific, economic and political debate. Rapid progress in the field of genetic modification in scientific terms has not allowed sufficient time to fully investigate the potential risks and long-term effects on human health and wildlife. There is a lack of long-term environmental impact studies, properly conducted toxicological/allergy studies and feeding trials. Our current knowledge is insufficient to make a realistic assessment of the environmental, ecological, health, social and economic risks of GMOs. Within the European Union, the EFSA (European Food Safety Authority) assesses the safety of genetically modified organisms (GMOs) before they are authorised for food or feed use and/or cultivation in the EU. This includes GM plants, GM micro-organisms and GM animals. It is very important that we protect our unique natural assets, preserve the non-GMO nature of our agriculture and develop a GMO-free food chain. A GMO-free policy is based on the one hand on the scientific evidence of the already known negative effects of certain GMOs, and on the other hand we must think about future generations, the safety of the environment and, last but not least, the competitive advantages and the growing market and economic interests that will result from GMO-free status within the European Union. As a result of the project, there will be opportunities for the introduction of new or forgotten plant varieties to consumers, for their wider public awareness, and for further contacts and common areas of interest, including with the International Union for the Protection of International Plant Varieties, an intergovernmental organization based in Geneva (Switzerland), established by the International Convention for the Protection of New Varieties of Plants, to ensure and promote the effective protection of plant varieties with a view to encouraging the development of new plant varieties for the benefit of society. The project's express aim is to develop a conscious dieting attitude and health awareness among a wide range of people in society. Conscious, critical consumer behaviour is characterised by the ability to distance oneself from influencer marketing, to constantly consider consumer needs, and to understand, communicate and solve consumer problems as they arise. In Europe, too, there is a growing phenomenon of the emergence and social spread of consumer awareness groups, which make a number of recommendations to their members, which are then put into practice as a result of the project:

- Find the original: Don't be fooled by the nice looks and the funny talk: avoid factory-made foods made from non-natural ingredients, chemicals and additives.
- Read the labels: Food and cosmetics can contain a lot of harmful (and unnecessary) substances. There are lots of chemicals and lots of unnecessary and unhealthy substances.
- Fresh: Buy fresh, home-grown seasonal vegetables and fruit instead of greenhouse-grown, artificially ripened, over-packaged and preserved goods that have travelled tens of thousands of kilometres.
- Buy local products: Look for things made near where you live. This way you support your local environment and contribute less to the environmental impact of transport.

The results of the project will help in develop sustainable and environmentally conscious consumption among the target group and, through them, in the wider society. Sustainable consumption can be understood as the use of goods and services that ensures the satisfaction of basic needs, provides an adequate quality of life, but requires a minimum use of natural resources and a minimum emission of toxic, hazardous substances, waste and pollutants. Environmentally responsible consumption "results in purchases that meet needs at least as well as conventional consumer behaviour, but can contribute to reducing waste and lowering environmental impact. On this basis, it

therefore broadly corresponds to the 'sub-area' of sustainable consumption." The results of the project can be used to educate the consumer and reduce food waste. The World Food and Agriculture Organisation (FAO) estimates that a significant proportion of the food produced in the global food supply chain - around one third - ends up as waste, amounting to around 1.3 billion tonnes per year. These figures have shocked everyone, including the scientific community, because the environmental impact of such a large amount of biomass that is produced unnecessarily, squeezed through processing and logistics and finally destroyed is considerable. A popular metaphor is that if food waste were a country, its greenhouse gas emissions would rank third behind the United States and China. In tropical climates, for example, a large amount of fruit and vegetables often spoil before reaching the consumer due to poorly organised supply chains, while in Western societies most waste is generated by households. Thanks to the technology used in the project, water use can be significantly reduced as irrigation water is repeatedly delivered directly to the

roots, where there is almost no evaporation and run-off loss, resulting in up to 95 - 98 % less water use than in crop irrigation. As a result of the implementation of a technology that does not require arable land, the project will result in 100% avoidance of soil depletion. Conventional farming depletes the soil, drains marshes, cuts forests, eliminates wildlife habitats and increases desertification. And the degradation of land and water resources is leading to a decline in global food production, which can cause supply insecurity, soaring food prices, migration and crisis conflicts. Agriculture, forestry and other land use (the so-called AFOLU sector) is a major source of greenhouse gases, accounting for about 24% of total human emissions, which is close to the amount emitted by electricity and heat production. So, land-use changes (such as agriculture, livestock, logging, etc.) contribute to approximately 24% of greenhouse gas emissions. Changing weather patterns due to global climate change, such as more frequent and intense extreme events, can lead to soil degradation, vegetation loss, desertification, fire damage, the loss of permafrost (permanently frozen ground) and overall loss of soil fertility and thus soil carrying capacity. Most of these contribute to an increase in greenhouse gas emissions, thus exacerbating climate change. A report by the Intergovernmental Panel on Climate Change (IPCC) warns that our food production methods and consumption patterns are a major contributor to a number of environmental and socio-economic problems, including climate change and soil degradation. Scientists agree that changing land-use patterns to environmentally friendly ones will not be easy, as it will require conscious redesign and changes in farming and livestock practices for nearly half a billion farmers. The IPCC also says that solutions could include preserving natural forests, with a strong emphasis on tropical rainforests, and switching to a plant-based diet with less red meat consumption. Jane Rickson, Professor at Cranfield University, said in the report that rising global average temperatures and intense rainfall are exacerbating soil degradation, compaction, organic matter leaching, biodiversity loss and landslides, many of which are causing irreversible changes. The project will make the production cycle of vegetables much shorter, more predictable; we will not have to wait for natural processes to occur, and we will be less exposed to the forces of nature. As a result of the project, optimising energy use by designing alternative energy supply is key to the return on investment, which is why the building will be equipped with state-of-the-art ventilation and air conditioning equipment. In addition, a 46 kWp solar panel system will be installed, which will contribute significantly to the economic operation of the farm. The investment will also include the installation of a customised solar power system to meet the electricity needs of the unit, which will significantly improve the return on investment and will also strongly improve the profitability of the investment in the future. An additional benefit is that it will increase the energy independence of the plant's operations and contribute to the "greening" of the urban environment. According to the preliminary survey, the flat roof has a surface area of 300 square meters and 122 pcs. Astro 4 Semi 380 Wp solar panels will be installed on an area of 300 m², which will be accompanied by a high-performance inverter. Based on simulation, the expected annual energy production of the system is 56009 kWh, which is capable of partially replacing electricity consumption, making it highly energy efficient and moving towards zero emissions (LED, solar). Solar energy utilization helps address the main problem of the vertical farm and provides its energy needs using 100% renewable energy.

#\$IMP-ACT-IA\$#



Digitally sealed by the European Commission

Date: 2024.02.21 20:16:58 CET

Reason: Acknowledgement of Receipt

This electronic receipt is a digitally signed version of the document submitted by your organisation. Both the content of the document and a set of metadata have been digitally sealed.

This digital signature mechanism, using a public-private key pair mechanism, uniquely binds this eReceipt to the modules of the Funding & Tenders Portal of the European Commission, to the transaction for which it was generated and ensures its full integrity. Therefore a complete digitally signed trail of the transaction is available both for your organisation and for the issuer of the eReceipt.

Any attempt to modify the content will lead to a break of the integrity of the electronic signature, which can be verified at any time by clicking on the eReceipt validation symbol.

More info about eReceipts can be found in the FAQ page of the Funding & Tenders Portal.

(<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/support/faq>)