

[HORIZON-CL6-2021-GOVERNANCE-01-23] [Broaden EIP Operational Group outcomes across borders by means of thematic networks, compiling and sharing knowledge ready for practice]: OG network for climate resilience in perennial crops in the Mediterranean area

**CLIMED-
FRUIT**

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Eirios HUGO – SCAR Akis –February, 16th, 2022

CLIMED-FRUIT: Operational Group network for climate change resilience for perennial crops in Mediterranean Area

Climate resilience, Mediterranean, Adaptation to climate change, Mitigation, Carbon sequestration, Soil management, water management, perennial fruit plants, adaptation of food chains, climate hazards





Coordinator : The French Wine and Vine institute (IFV)



Applied research activities for the wine industry (from the vine plant to the wine glass)

SME

Recognised by the ministry of Agriculture

Main mission : transfer of open access results to wine and vine professionals (vinegrowers, advisors, companies,...)

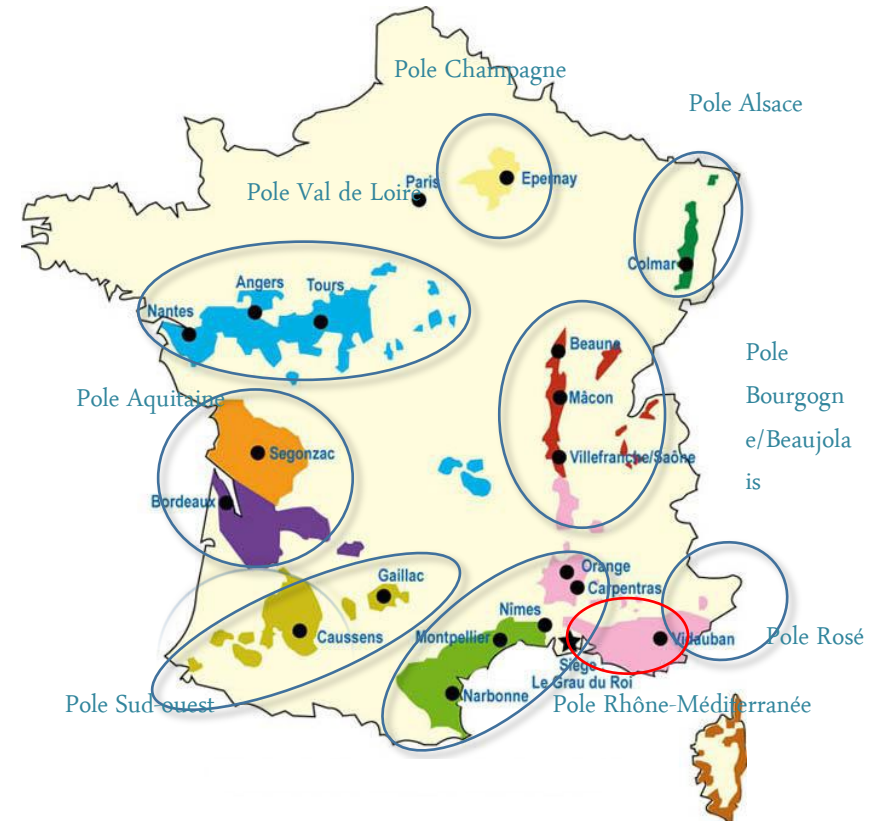
Governed by a board of wine growers representatives

Located in the main wine producing areas in France

IFV is a technical institute member of national technical institute networks (ACTA and ACTIA)

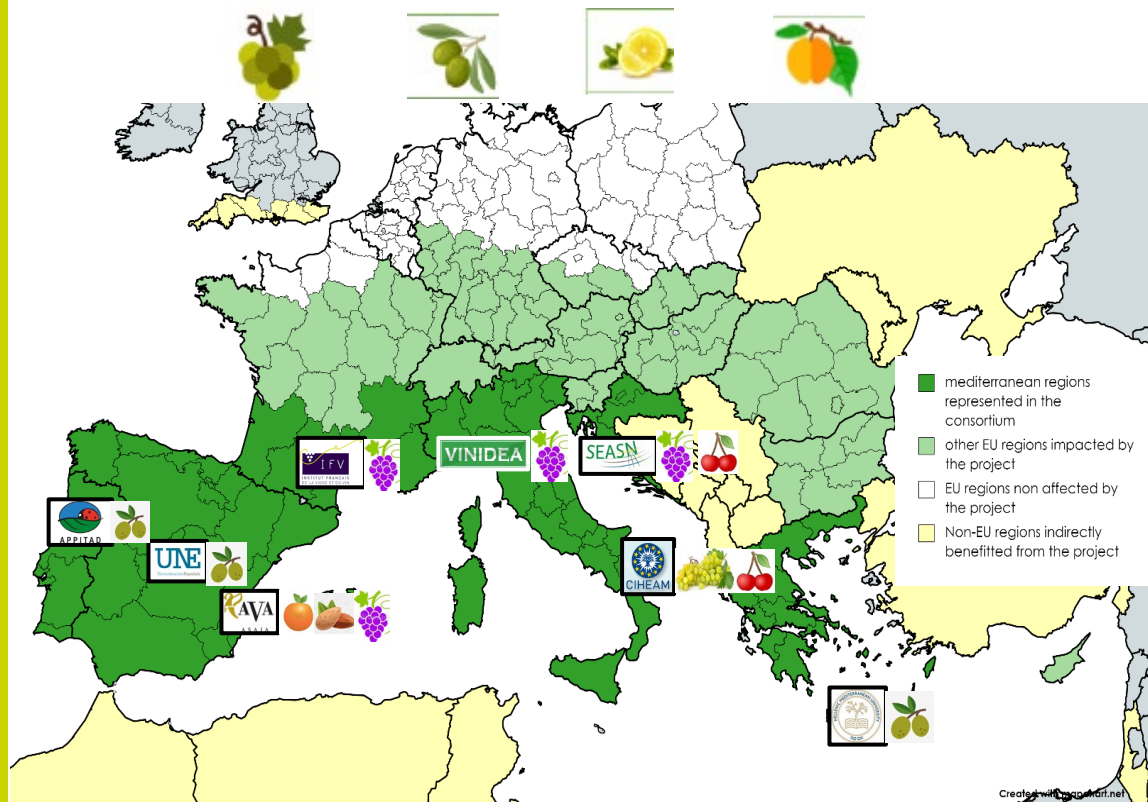
Experienced in EU projects (coordinator of H2020

Winetwork, participation in H2020 IPM works, Nefertiti, INTERREG cooperation projects, PRIMA SUSTEMICROP,...)





CLIMED-FRUIT IN A NUTSHELL



IFV (Fr), VINIDEA (It), AVA-ASAJA (Sp), UNE (Sp), APPITAD (Pt), SEASN (croatia), IPN (Serbia), CIHEAM (Italy), HMU (Greece)

*CLIMED-FRUIT aims to share knowledge ready for practice, collected from different Operational Groups (OG) across Europe, for a **better adaptation to climate change and mitigation**, in **perennial crops in the Mediterranean Area** (grape vine, olive, fruits).*

*The project builds on the results of a **core group of 9 OG** and is implemented by a **multi-actor consortium** (advisors, farmer organisations, research and education institutes, standardisation organisation)*

***9 beneficiaries in 7 different countries** (France, Spain, Portugal, Greece, Italy, Croatia, Serbia).*

Climate resilience in perennial crops in the Mediterranean area



CLIMED-FRUIT : A MULTI-ACTOR CONSORTIUM

*9 beneficiaries in 7 different countries
(France, Spain, Portugal, Greece, Italy,
Croatia, Serbia).*

Institut Français de la Vigne et du Vin (Fr),
VINIDEA (It), AVA-ASAJA (Sp), UNE (Sp), APPITAD (Pt), SEASN
(Croatia), IPN (Serbia), CIHEAM (Italy), HMU (Greece)

Farmer organisations	Farmer's most urgent needs (IFV, AVA-ASAJA, APPITAD)
Advisor network	Increasing advisor's tool box (SEASN)
Applied research center	Practice oriented research findings (IFV, IPN, CIHEAM, HMU)
Education organisation	Training future farmers and vocational training (CIHEAM, HMU)
Dissemination expert	Most used media (VINIDEA)
National Normalisation association	Evaluating best practices (UNE)

Climate resilience in perennial crops in the Mediterranean area



CLIMED-FRUIT : Overall objectives

* CLIMED-FRUIT will scale up local solutions up to the EU level,

raising awareness on innovative practices and methods

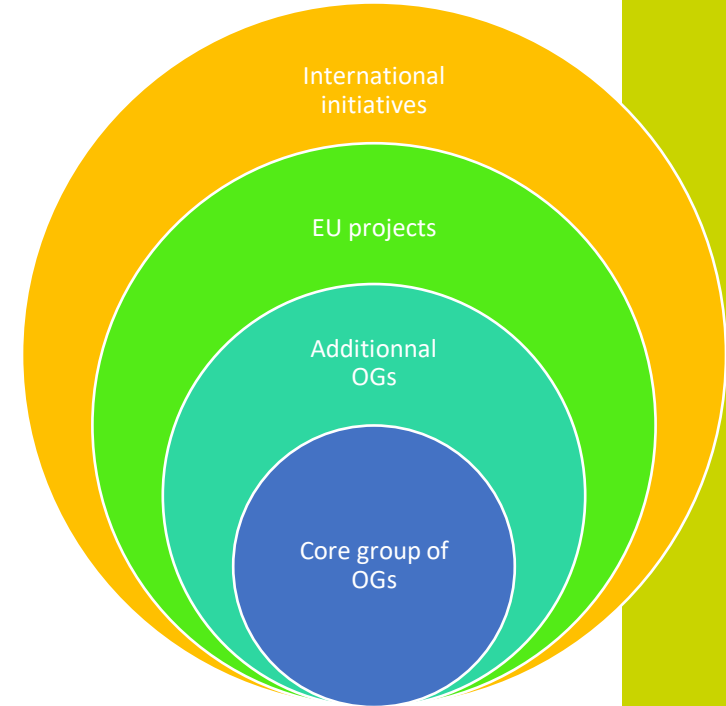
developed by OGs implemented by consortium partners,

but also by all OGs in Europe dealing with climate change issues,

* in relation to the EU strategy on adaptation to climate change (climate law) aiming Europe to become climate-neutral by 2050

and to the Horizon Europe Mission for better prepared regional and local authorities to climate change.

improve understanding of climate change risks and solutions available to mitigate them (carbon storage, in relation to upcoming EU soil strategy)



Sources of information



CLIMED-FRUIT : Overall objectives

build on **available knowledge**

and improve access to **relevant practical solutions**

and foster co-design, co-implement, and **co-evaluation** (cost/benefit assessment)

in the process of **building resilience to climate change**



CLIMED-FRUIT : 5 sub-topics

CLIMED-FRUIT is primarily focused on **5 sub-topics** representative of farmer group needs and providing existing solutions, ready to put in practice:

- (i) **soil conservation and carbon storage**,
- (ii) improving **resilience of crops facing climatic hazards** (i.e. frost, hail),
- (iii) innovative practices for **water stress management and dry farming**,
- (iv) **adaptation of food chain processes** to climate change and **diversification**,
- (v) **preserving biodiversity** in Mediterranean crops for a better resilience to climate change issues.

Any complementary practices identified in the course of the project may be also addressed.



CLIMED-FRUIT : A CORE GROUP OF 9 OPERATIONNAL GROUPS

OGs results

Method: select practical knowledge in response of most urgent needs

Media: Use of most popular dissemination tools

Impact: Practical knowledge reaches more targets and is further disseminated

Climate change adaptation and mitigation levers

Water management and fertilisation

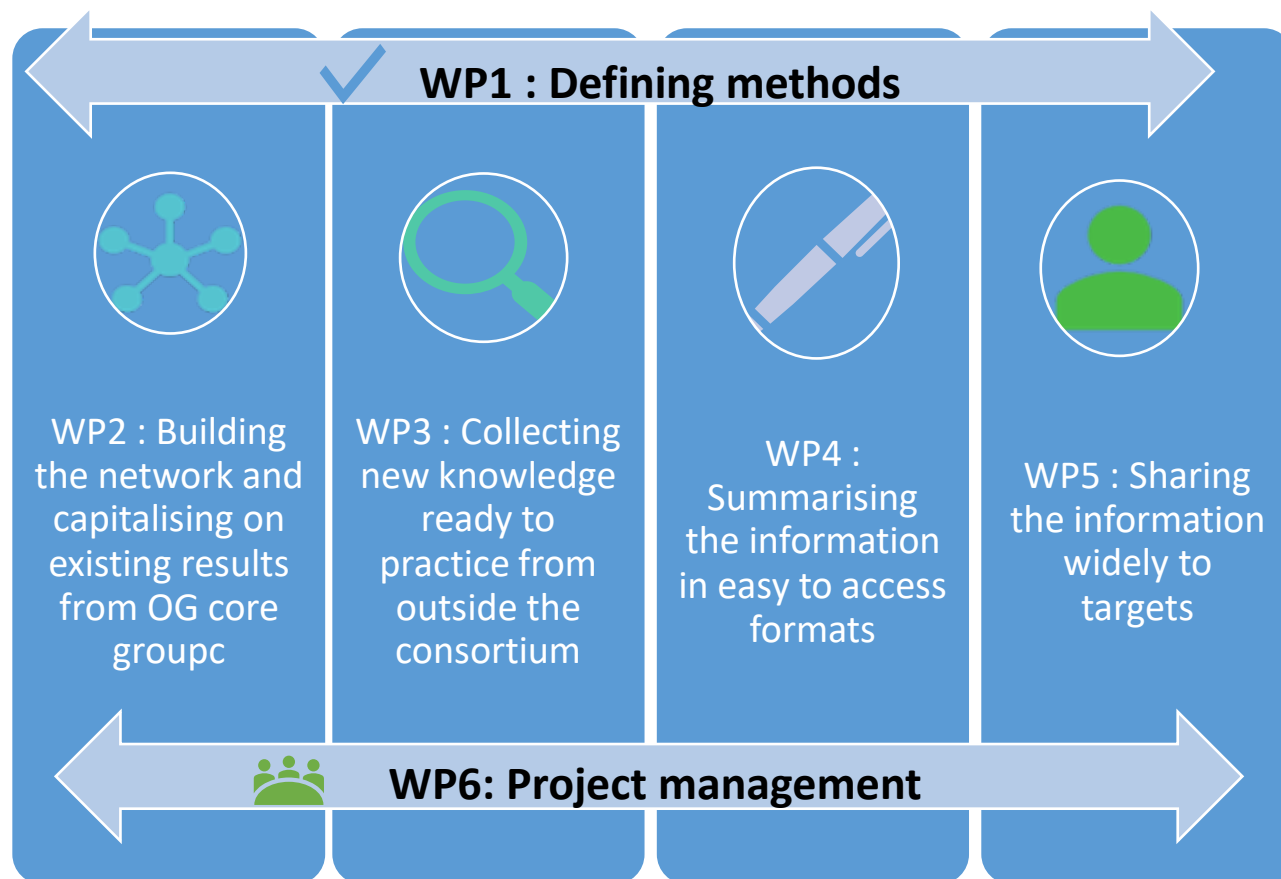
Soil management (carbon storage, biological soil quality)

Adaption of food chain processes to climate change and diversification





CLIMED-FRUIT : A NETWORK FOR A BETTER ADAPTATION OF CLIMATE CHANGE AND MITIGATION IN MEDITERRANEAN PERENIAL CROPS



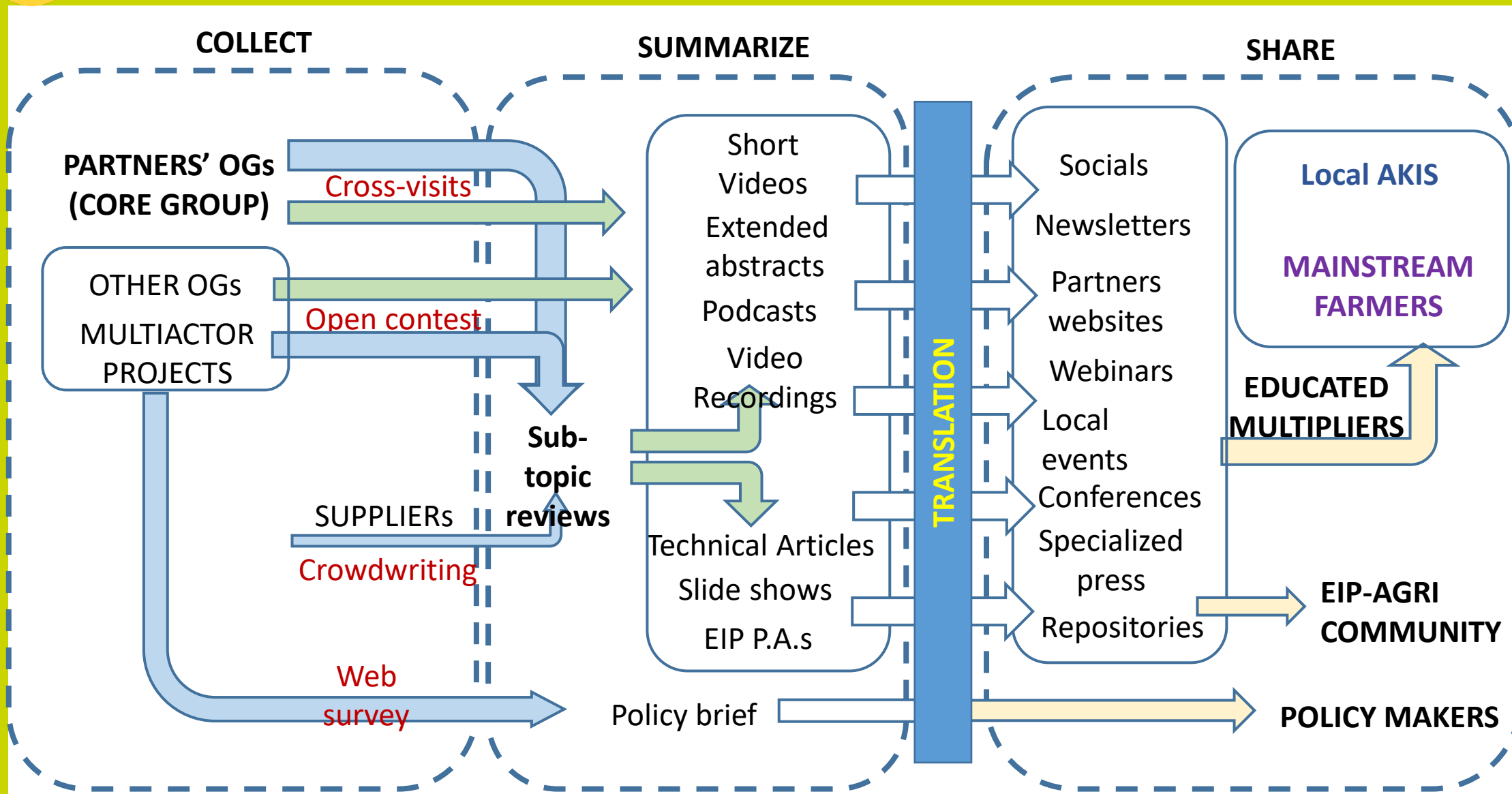
Main targets :

- Mainstream farmers
- Educated multipliers
- EIP Agri Community
- Citizens
- Policy makers

BUILD – COLLECT – SUMMARISE- SHARE



CLIMED-FRUIT : workflow





CLIMED-FRUIT : A NETWORK FOR A BETTER ADAPTATION OF CLIMATE CHANGE AND MITIGATION IN MEDITERRANEAN PERENIAL CROPS



WP2

Building the network

Build a network, capitalize on existing results and practice oriented knowledge focused on the most urgent needs and that are not sufficiently disseminated, in the field of adaptation to and mitigation of climate change for perennial crops in Mediterranean area, sourced from existing OGs and organise cross-fertilisation (WP2) between OGs enabling peer-to-peer learning across Europe

KPIs:

- 1 consortium of 9 multi-actor organisations running for 3 years
- 2 farmer organisations (AVA-ASAJA in Spain, APPITAD in Portugal) in the consortium
- Core group of 9 OG from 4 member states (France, Italy, Spain, Portugal)
- 1 common theme: climate resilience in Mediterranean fruit crops
- 5 sub-topics (water management, soil management, food processing adaptation and diversification, climatic hazards, biodiversity conservation for better resilience)
- 9 digital cross-visits among partners to share practical knowledge from the core group of 9 OGs and learn from peers
- 9 videos presenting the cross visits
- Collection of at least 9 best practices from core group to be further disseminated

These groups will share their experience through a combination of innovative digital formats, cross-visits and interactive local dissemination events.



CLIMED-FRUIT : A NETWORK FOR A BETTER ADAPTATION OF CLIMATE CHANGE AND MITIGATION IN MEDITERRANEAN PERENIAL CROPS



WP3

Collecting info

Collect new information (WP3) from OGs from outside the consortium along with related EU and international projects:



- **open contest :**

call for abstracts-> the 40 top ranked abstracts evaluated by participants
-> invited to prepare a pitch (7 minutes) presented in a web conference simultaneously translated in 5 languages (English, French, Spanish, Italian, Portuguese) organised over 3 days (3,000 participants expected).

Each presentation will be evaluated by online participants (cost-benefit, transferability and interest for their region)

->the 12 winners of the contest will benefit from a dissemination package award (e-demo video, digital story, extended abstract, translated in 7 languages and disseminated in widely used media for farmers).

- Additionally, innovative solutions from suppliers will be promoted by a series of **crowd writing events**.

KPIs:

- 1 open contest collecting best practices and research findings from running and future OGs and interactive innovation groups simultaneously translated in 5 languages (English, French, Spanish, Italian, Portuguese)
- 3 000 stakeholders attending the contest conference and evaluating the practices (including at least 50 representants of OGs)
- 40 pitches from the competitors of open contest broadcasted on the project's YouTube channel
- 12 short videos and extended abstracts from winners of the open contest award
- 1 crowd writing contest
- 9 short videos and extended abstracts on commercial solutions from suppliers (from crowd writing contest)
- 1 online survey proposed to OGs participating or assisting to contest, to gather feed-back on their consideration of the most urgent needs, their specific OG experience, and suggestions for future improvement of the instrument.



CLIMED-FRUIT : A NETWORK FOR A BETTER ADAPTATION OF CLIMATE CHANGE AND MITIGATION IN MEDITERRANEAN PERENIAL CROPS



WP4 Summarising info

Summarize and shape the information collected (WP4) in easy to read, accessible and appealing formats. A diversified range of materials will be produced according to the different targets: videos, podcasts and practice abstracts for farmers and advisors, technical articles for educated multipliers and magazines, didactic technical sheets for farming students, teachers and trainers, sub-topic reviews for scientists and multipliers, policy brief for policy makers

KPIs:

- 5 sub-topic reviews (water management, soil management, biodiversity, plant health, food chain adaptation)
- 21 digital stories (9 short videos from the core OG group based on the respective OGs results, another 12 digital stories from winners of the open web contest).
- 21 podcasts on ready to use and successful practices
- 21 extended practice abstracts (EPA) including Cost-Benefit assessment
- 50 EIP practical abstracts from the open contest candidates
- 12 technical articles
- 20 didactic practical sheets will be very explanative and aim to be used by students and vocational training for professionals



CLIMED-FRUIT : A NETWORK FOR A BETTER ADAPTATION OF CLIMATE CHANGE AND MITIGATION IN MEDITERRANEAN PERENIAL CROPS



WP5

Sharing info

Share knowledge (WP5) at EU level and make best practices available to practitioners by exploiting a combination of digital tools and face to face events :

- all selected material transposed appealing, farmer friendly formats for the end user (videos, interviews, podcasts,...),
- translated in the 7 languages most used in the EU Mediterranean area (English, French, Italian, Spanish, Portuguese, Greek, Croatian),
- and widely disseminated in the most used media to make it easily accessible and useful for the project's main targets (farmers, advisors).
- selected best practices will be assessed on their applicability and cost -effectiveness.

KPIs:

- *1 project website with open access to material produced in 7 languages (5,000+ overall views of project outcomes hosted on partners' websites within the project duration; 30,000+ in 5 years -data source: google analytics)*
- *6 newsletters*
- **10 dissemination partnerships with specialized journals and magazines editors publishing at least 2 articles each (20 technical articles published) (10,000+ overall views of project outcomes hosted on journals websites within the project duration; 60,000+ in 5 years (Data source: mandatory reports from publishers)**
- **8 local face-to-face dissemination events (a least 800 attendees in total)**
- **1 final OG forum (at least 100 attendees)**
- *at least 100 practice abstracts feed into EU repositories*
- *9 digital cross-visits among partners to share practical knowledge from the core group of 9 OGs and learn from peers*
- *1 specific workshop for collecting recommendations for OG creation and adaptation of policies*
- *1 policy brief sent to 100+ officers and OG related politicians*
- *5 proposals for additional OGs in at least 4 different countries*

A NETWORK FOR A BETTER ADAPTATION OF CLIMATE CHANGE AND MITIGATION IN MEDITERRANEAN PERENIAL CROPS



CLIMED-FRUIT Main activities

The project implements a wide range of activities, based on a **combination of on-field activities and online events**

Operational Groups will share their experience through a combination of innovative digital formats, cross-visits and interactive local in situ dissemination events.

In addition, new knowledge and practices will be gathered more widely by organising an open contest : participants from other European projects, other EIP OGs and international projects from the Mediterranean area will be invited to propose abstracts.

The most applicable solutions (cost/benefit ratio) will be selected and pitched in a broad online conference.

Social media channels, videos, podcasts, crowd writing contests will be used to spread the knowledge.

Specific editorial partnerships will be established with most popular technical reviews.

A specific workshop for collecting recommendations for OG creation and writing a policy brief will be organized

Proposals for additional OGs in at least 4 different countries will be set up

A final OG forum will be organised