

## After LIFE Communication plan

The extension of the communication of backgrounds, targets and results of LIFE CarbOnFarm has been conceived following the guidelines already activated during the project course. Therefore, the main activities will hence ground on the specific expertise of associated Beneficiaries and on the indications acquired in the operative dissemination performed in these years.

### ➤ Scientific approach

Four associated beneficiaries (AGROSELVIT-DISAFSA, CERMANU, CREA-OF, UNIBAS) are University departments and Research centres with a scientific oriented activity. In this respect the more useful and viable way to communicate the results to a large audience of scientific and technical communities, is represented by the publication of the array of acquired data on the Implementation and Monitoring actions.

Four main topics have been individuated for the scientific articles, with a planned publication of about 12 comprehensive works in the specific international journals:

- four planned publications are focused on the analyses of practical sustainability of proposed approaches, regarding the evaluation of energetic and environmental impacts of on-farm composting facilities, composting process and applied Soil Organic Matter management; this latter will include also the practical results of the interviews on the awareness of regional farms on the project topics. Two articles related to the results of the Life Cycle Assessment and economic evaluation of composting process and on the development of LCA evaluation in orchard systems, have been already attained and are available on the download page of project website (*Journal of Cleaner Production* 142 (2017) 4059-4071; *Journal of Cleaner Production* 172 (2018) 3969-3981)
- two articles will deal with the analyses of compost qualities, including the chemical and molecular characterization, biological essays, metagenomic approach, suppressivity and bio-stimulation activities
- three publications have been programmed for the results of soil organic matter analyses and the data of GHG emission; given the array of applied managements and analysed data two papers will be dedicated to the comparison of the soil treatments at Tetto Frati and Grandi project sites; one additional article will combine the results obtained in the field sites of Campania region
- three publication will focus on the agronomic results of applied management in different project sites; one publication involving the application of EMI and ESAP methodologies for the check of soil characteristics used in Mellone farm has been already published and is available in the download page of project website (*SoftwareX* 6 (2017) 107–117)

As already carried out during the project, this part of communication activity will include also the presentation of main project results in specific National and International meetings in the next two years (e.g. *Società Italiana di Chimica Agraria SICA*; *Società Italiana di Agronomia SIA*, *International Society of Humic Substances IHSS*; *Convegno annuale sulla Biodiversità*; *Società Italiana di patologia Vegetale SiPAV*; *SOC conferences FAO*)

In order to involve the specific national/regional audience of farmers, technician, agronomists, a synthesis of the main results of LIFE CarbOnFarm, as previously highlighted, will be displayed also in technical journals dedicated to the Agricultural sector. Currently two main tools have been individuated: the monthly publication of the Agricultural Sector of Regione Basilicata *ALSIA-Agrifoglio*, will dedicate specific articles to the results; a first communication is planned for the

number of December 2018 with the overview of project activities. A specific contact has been also activated with the Journal “*L’Informatore Agrario*” (reference contact Dr. V. Marcantonio) with a wide and large national audience in the agricultural sector; a first appointment is set for January 2019 with an interview to the responsible of the Project site Prima Luce and the description of the on-farm composting prototype.

These activities will be activated either without additional costs or with the current funds used for the Departments and Research centres for the own dissemination programme

➤ Dissemination events

Following the experience acquired in the project activities the main envisaged operative lines will regard the involvement of students and of specific stakeholders (Farmer association, Agronomist, Regional Institution)

- the visit of the project sites (Tetto Frati, CastelVolturno Prima Luce) will be continued in the Agricultural Departments of University of Torino, Napoli, Salerno and Basilicata, with at least one annual event for each involved university, within the usual field experiences foreseen in the teaching plans. The produced *Manual for on-farm composting* and the *Kit and manual for self-soil evaluation* will be adopted as operative official recognized tool for the specific teaching courses of master students
- given the previous positive feedback, an attempt will be provided by the CERMANU, supported by CREA-OF, AGROSELVIT, and University of Salerno (UNISA) to organize additional Summer School for young researchers on the topics of LIFE CarbOnfarm; the costs will be covered by fees registration, scientific sponsors and the available specific funds of University of Napoli within the Erasmus programme
- the contact activated with regional Higher schools of Agriculture will be further maintained with the organization of dedicated info-days on the recycle of organic biomass and the use of the kit for self-soil evaluation. An initial event is programmed for the 19<sup>th</sup> November 2018 within the premises of ALSIA with 10 Higher schools with the distribution of kits (auto produced by ALSIA) and the pdf copy of manual
- contact activated with farm associations, already involved in the project activities, will be further implemented with the co-organization of dedicated workshops on organic farming and the use of the methodologies for self-soil evaluation, at the premises of selected farms, starting with the new realized on-farm composting facilities.

In this respect a starting event was organized in collaboration with the National organization of Biological producers “rete Humus” ([www.retehumus.it](http://www.retehumus.it)), already involved in the project activities, within the Meeting on Manure (26-28 Luglio Modena <http://www.modenatoday.it/eventi/festoval-letame-bio-slow-serramazzoni-27-28-29-luglio-2018.html>). An additional event is planned on the 12<sup>th</sup> November 2108 at the premises of Regione Basilicata with the presentation of LIFE CarbOnFarm results and dissemination products, the participation of the regional Coucilor for Agriculture and the representatives of National association Rete Humus and ConProBIO (Annex 7.3.2a Programme event 12 November)

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