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Report on participation in events



E.1.2 Information and communication activities / E.2.1 Information and communication events

Milestone report / July 2018 – June 2021

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Executive summary

This report concerns the milestones achievements of the 'E.1.2 Information and communication activities' and 'E.2.1 Information and communication events' sub-actions. The document provides an overview of the activities carried out, from July 2018 to June 2021, for presenting and promoting the project to national and international stakeholders. Each event is accompanied by an outline of the activity and the related visual and supplemental material.



Summary

1. Promotion of the SheepToSHIP LIFE at the 10th International Symposium on the Nutrition of Herbivores. Clermont-Ferrand (France), 02-07 September 2018	1
2. Participation in the 20th Meeting of the FAO-CIHEAM Mountain Pastures subnetwork, “Adapting Innovation in Grassland Management”, Lofoten Island (Norway), 9-12 September 2018	2
3. Participation in the 11th International Conference on Life Cycle Assessment of Food 2018 (LCA Food) in conjunction with the 6th LCA AgriFood Asia and 7th International Conference on Green and Sustainable Innovation (ICGSI) On “Global food challenges towards sustainable consumption and production”. 17-19 October 2018, Bangkok, Thailand	4
4. Participation in the 4th Transnational Workshop of the SheepNet project. Alghero (Italy), 28-30 November 2018.....	6
6. Promotion of SheepToSHIP LIFE at the 23th Congress of the Animal Science and production Association (ASPA). Sorrento (Italy), 11-14 June 2019	10
7. Promotion of SheepToSHIP LIFE and exchange of experiences at the “INPUT aCademy - planning, nature and ecosystem services” 3-days meeting organized within GIREPAM project. Cagliari (Italy), 24 June 2019.....	12
8. Promotion of SheepToSHIP LIFE project at the “Laboratorio Officina Europea” seminars cycle organized by the Europe Direct office, Autonomous Region of Sardinia. Cagliari (Italy), 4 July 2019....	14
9. Promotion of the SheepToSHIP LIFE in the Joint Meeting FAO/CIHEAM Network for Research and Development in Sheep and Goats "Efficiency and resilience of forage resources and small ruminant production to cope with global challenges in Mediterranean areas", Meknes, Marocco	16
10. 5th European Agroforestry (EURAF) Conference, 17-19 May 2021.....	17
11. 72nd Annual Meeting of the European Federation of Animal Science (EAAP). 30 th of August 3 rd of September 2021	18
12. X Convegno dell’Associazione Rete Italiana LCA, 22th-24th of September 2021.....	19
13. Pastoralism festival in Sardinia, 26th-27th of September 2021.....	20



1. Promotion of the SheepToSHIP LIFE at the 10th International Symposium on the Nutrition of Herbivores. Clermont-Ferrand (France), 02-07 September 2018

With the aim of presenting the results of a study and improving the SheepToShip LIFE network, the researchers Mauro Decandia and Valeria Giovanetti (AGRIS) participated in the 10th International Symposium on the Nutrition of Herbivores. The 10th International Symposium on the Nutrition of Herbivores conference was a forum to discuss herbivore nutrition supporting agro-ecological and sustainable intensification approaches. During the symposium, the two AGRIS staff members exhibited a scientific poster, entitled “Validation of BEHARUM device for recording grazing behaviour of dairy sheep with restricted time access to pasture”. The study underlines the importance of automatic monitoring of sheep grazing behaviour to better manage the grazing system in order to reduce GHG emissions. The paper was also published in the proceedings.

During the 4 days of the symposium, and in particular, during a workshop entitled “Research priorities for assessing and mitigating Green House Gases emissions from herbivores” the two AGRIS researchers provided detailed information about the SheepToShip LIFE project and participated at the discussion on the role and priorities of research for decreasing the environmental footprint of ruminant production. Preliminary and informal agreements were held with the University of Pisa and Firenze (Italy), with INRA (France) and ARO (Israel) in order to organize joint initiatives to promote the SheepToShip LIFE themes.

This activity demonstrated the high interest in the SheepToShip LIFE themes by the Scientific Community, which considered the project an interesting experience for testing strategies and measures of climate change mitigation in the small ruminant sector.

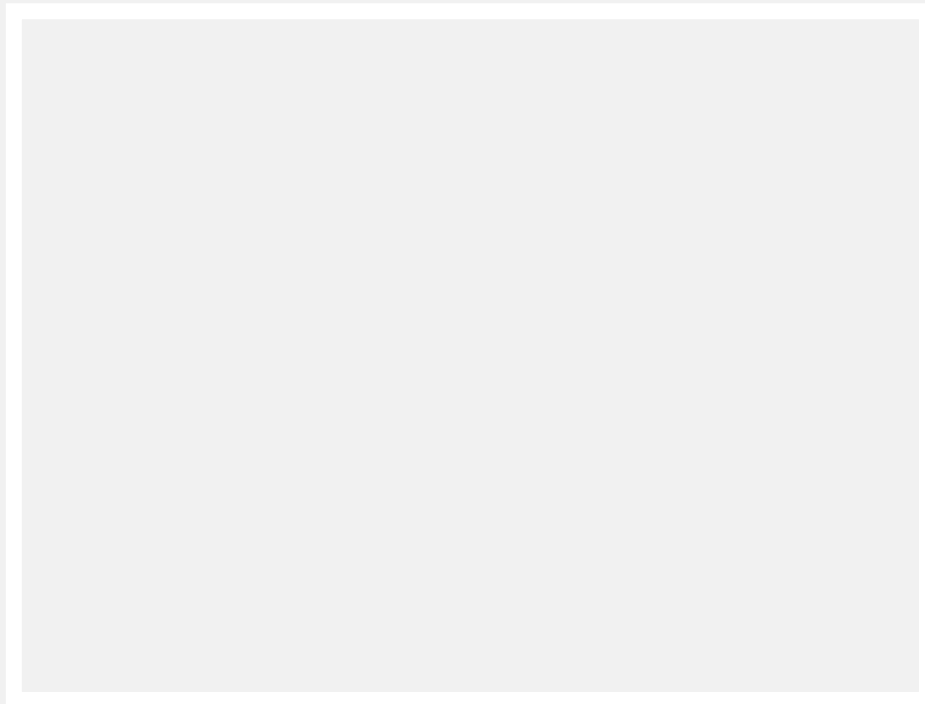
Note: about 300 people attended the 10th International Symposium on the Nutrition of Herbivores, from different Research centres, spread over the world.

2. Participation in the 20th Meeting of the FAO-CIHEAM Mountain Pastures subnetwork, “Adapting Innovation in Grassland Management”, Lofoten Island (Norway), 9-12 September 2018

In the framework of dissemination actions of the SheepToShip LIFE project and with the aim to improve its network, Enrico Vagnoni (CNR IBIMET) and Antonello Franca (CNR ISPAAM) participated in the 20th Meeting of the FAO-CIHEAM Mountain Pastures subnetwork, “Adapting Innovation in Grassland Management”, held in Lofoten Island (Norway) from the 9th to 12th of September 2018.

The participation at the conference included an oral presentation entitled “Climate change implications of sheep farming system extensification: a LCA case study” and that included a detailed reference to the SheepToShip LIFE project. The correlated paper was published in the seminar’s proceedings.

During the 3 days of the conference duration, the staff members of the SheepToShip LIFE provided detailed information and dedicated much effort in broadening the networking platform of the project. About 50 people attended the oral presentation session and many participants were contacted in order to receive further information and to collaborate in future initiatives.



This activity confirmed the strong interest in the SheepToShip LIFE themes by the FAO-CIHEAM Network. Moreover, this seminar represented a valid opportunity to promote SheepToShip LIFE within an international framework. It represented also an opportunity to make known the potentiality of the LCA methodology and some information about environmental implication of Mediterranean dairy sheep production systems.



Please find attached on the left of this document:

- power point of the oral presentation
- extended abstract published in the conference proceedings

3. Participation in the 11th International Conference on Life Cycle Assessment of Food 2018 (LCA Food) in conjunction with the 6th LCA AgriFood Asia and 7th International Conference on Green and Sustainable Innovation (ICGSI) On “Global food challenges towards sustainable consumption and production”. 17-19 October 2018, Bangkok, Thailand

In the framework of dissemination actions of the SheepToShip LIFE project and with the aim to improve its network, Enrico Vagnoni (CNR IBIMET) participated in the 11th International Conference on Life Cycle Assessment of Food 2018 (LCA Food) on “Global food challenges towards sustainable consumption and production”, held in Bangkok, Thailand, 17-19 October 2018.

The participation at the conference included a poster presentation entitled “The Effect Of Carbon Sequestration On The Environmental Implications Of A Pecorino Romano PDO Sheep Supply Chain”. The correlated abstract was published in the seminar’s proceedings.

During the 3 days of the conference duration, Enrico Vagnoni provided detailed information and dedicated much effort in broadening the networking platform of the project. More than 200 people attended the poster presentation session and many participants (between they some of the most recognized international experts on LCA applications to the agri-food sector) demonstrated strong interest for the project and to collaborate in future initiatives. Therefore, this seminar represented a valid opportunity to promote SheepToShip LIFE within an international framework and an important opportunity to make known the environmental quality of Mediterranean dairy sheep production systems (Fig. 1).



Fig.1. Enrico Vagnoni (CNR Ibimet) with (on the left) Dr S. Ledgard (NZ Life Cycle Management Centre, Massey University, New Zealand) and (on the right) Dr B. Notarnicola (University of Bari, Italy), which are two of the most famous researchers in LCA of food sector.



Please find attached on the left of this document:

- poster presented at the LCAFood 2018 Conference
- extended abstract published in the conference proceedings

4. Participation in the 4th Transnational Workshop of the SheepNet project. Alghero (Italy), 28-30 November 2018.

With the aim of disseminating the project results and improving the SheepToShip LIFE network, a delegation of the SheepToShip LIFE technical staff participated in the 4th Transnational Workshop of SheepNet (H2020 project), held in Alghero (Italy) from 28 to 29 of November 2018. The participation in the Workshop is one of the results of the active collaboration between the two European projects.

About 150 people (from both research centres and sheep farms of all Europe) attended the 3 days of the events, that included a workshop, a seminar and field trip in two dairy sheep farms and one dairy plant.

A oral communication entitled “SheepToShip LIFE presentation at the SheepNet TNWS – workshop” was presented by Pierpaolo Duce (CNR Ibimet) within the workshop.



During the 3 days of the event duration, the staff member of the SheepToShip LIFE provided detailed information and dedicated much effort in broadening the networking platform of the project. In particular, preliminary and informal agreements were held with the University of



Bucharest in order to organize dissemination activities in Romania as well as joint initiatives to promote the SheeoToShip LIFE themes.

This activity demonstrated the strong interest in the SheepToShip LIFE themes by the European sheep sector operators, which considered the project an interesting initiative looking for CAP reform as well as the improvement of the sheep products competitiveness in the international market.



Please find attached on the left of this document:

- power point presented at the SheepNet workshop

5. Promotion of SheepToSHIP LIFE and exchange of experiences at the Workshop on Bioeconomy: biological sources for a sustainable world. Monterotondo (Rome), 6 March 2019

Pierpaolo Duce (CNR IBIMET) was invited and participated in the Workshop on Bioeconomy: biological sources for a sustainable world held at the CNR Research Area of Montelibretti located in Monterotondo (Rome), on 6th of March 2019.

The main aim of the Workshop was to review the various facets of this new economic approach, discuss about the state of the art of bioeconomy in Lazio region, in Italy and in Europe, and share the ongoing activities and skills in CNR scientific network.

The meeting, attended by approximately 150 research scientists, was promoted by the CNR Department on Biological and Agri-Food Sciences, and organized by the Institute for Biological Systems (CNR ISB).

The Workshop provided comprehensive data and information on systemic perspective and modelling of the bioeconomy in Italy and Europe. Starting from the European Commission definition of bioeconomy (the production of renewable biological resources and the conversion of these resources and waste streams into value added products, such as food, feed, bio-based products and bioenergy), the main message of the Workshop was that bioeconomy deeply involves the fields of agrifood and green chemistry, but it also cross-cuts fields such as the use of forests, biotechnologies, the production of biomaterials and bio-energies, thus addressing societal challenges such as environment remediation, issues connected with climate changes, the production of new drugs, the need of food for an increasing population. All this requires a profound change of both the objectives of research and the management policies that should have an integrated and transversal approach. Concluding remarks highlighted the need of a proper formation that should be integrated and interdisciplinary.

Pierpaolo Duce, invited to participate in the workshop during the session dedicated to Bioeconomy and the environment, presented the SheepToShip LIFE project, illustrating the strategies adopted and the actions conducted to capitalise the SheepToShip LIFE experience at local, national and European level.

In addition, he had also the opportunity to meet several research scientists of the CNR network and discuss possible activities of cooperation in the field of climate change mitigation.



Please find attached on the left of this document:

- power point presented at the workshop

6. Promotion of SheepToSHIP LIFE at the 23th Congress of the Animal Science and production Association (ASPA). Sorrento (Italy), 11-14 June 2019

With the aim of presenting the results of a study and improving the SheepToShip LIFE network, the researcher Maria Gabriella Serra (AGRIS) participated in the 23th Congress of the Animal Science and Production Association. The 23th Congress of the Animal Science and Production Association had the aim to organize a new perspective, by integrating skills and scientific information of researchers with different background, who experienced in the field of animal science and production. In this way the conference gave new interesting cues of interest to increase the knowledge in this field. Great speakers from several Universities were invited to share their experiences and supply new points of view about genetics, nutrition and environmental impact of animal breeding and production.



During the Congress, the AGRIS staff member Maria Gabriella Serra exhibited a scientific poster, entitled "SheeptToShip LIFE - looking for an eco-sustainable sheep supply chain: preliminary results on the sustainability of dairy sheep diet". This work focuses on two case study farms whose data were analysed to compute indicators of sheep feeding related to the three dimensions of animal diet sustainability: planet - people - profit.

The study underlines the importance of the use of different indicators to analyse the environmental impact of sheep farms, in order to reduce GHG emissions. The paper was also published in the proceedings. During the 4 days of the Congress, and in particular during the Poster sessions and during the oral presentation sessions “Environmental impact of livestock I” and “Environmental impact of livestock II” the AGRIS researcher provided detailed information about the SheepToShip project and participated at the discussion on the role and priorities of research for decreasing the environmental impact of ruminant production. Preliminary and informal agreements were held with the University of Pisa, Padova and Milano (Italy), in order to organize joint initiatives to promote the SheepToShip LIFE themes.

This activity demonstrated the high interest in the SheepToShip LIFE themes by the Scientific Community, which considered the project an interesting experience for testing strategies and measures of climate change mitigation in the small ruminant sector.



Please find attached on the left of this document:

- poster presented at the Congress
- extended abstract published in the Congress proceedings

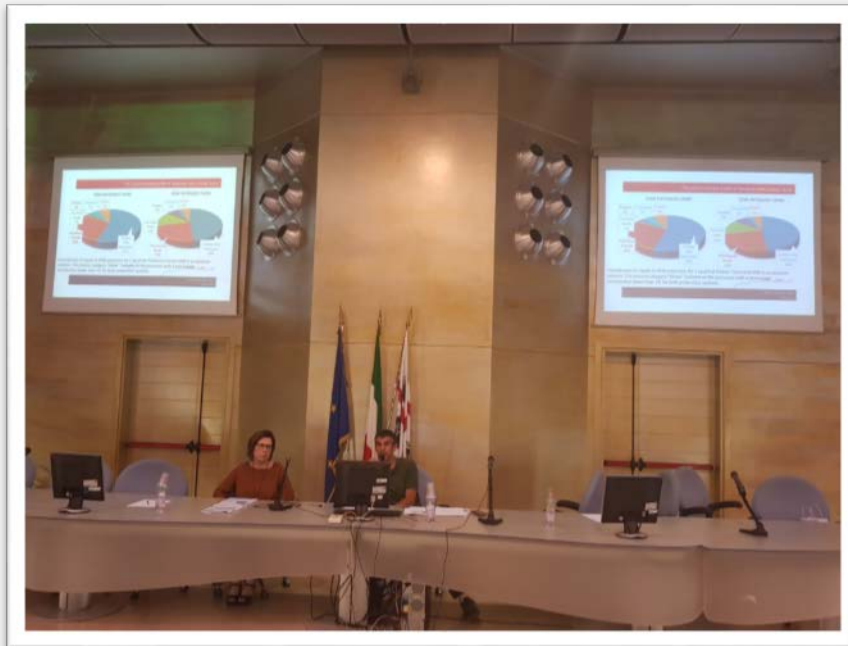
7. Promotion of SheepToSHIP LIFE and exchange of experiences at the “INPUT aCademy - planning, nature and ecosystem services” 3-days meeting organized within GIREPAM project. Cagliari (Italy), 24 June 2019

From June 24th to 26th 2019 the Department of Civil and Environmental Engineering, and Architecture (DICAAR) of the University of Cagliari did host INPUT aCademy 2019, a special edition of the INPUT Conference. The aCademy Conference was focused on contemporary planning issues with particular attention to ecosystem services, green and blue infrastructure, as well as governance and management of Natura 2000 sites and coastal marine areas.

INPUT aCademy 2019 was organized within the GIREPAM Project (Integrated Management of Ecological Networks through Parks and Marine Areas), co-funded by the European Regional Development Fund (ERDF) within the 2014-2020 Interreg Italy – France (Maritime) Programme. Furthermore, the initiative is supported by Società Italiana degli Urbanisti (SIU, the Italian Society of Spatial Planners), Istituto Nazionale di Urbanistica (INU, the Italian National Institute of Urban Planning), UrbIng Ricerca Scientifica (the Association of Spatial Planning Scholars of the Italian Schools of Engineering) and Ordine degli Ingegneri di Cagliari (OIC, Professional Association of Engineers of Cagliari).

A small SheepToShip delegation participated to the first day of the Conference (June 24th) with the presence of Stefano Tronci and Federica Romano from Autonomous Region of Sardinia, Department of Environment, and Domenico Usai, from the Regional Agency for the implementation of regional programmes referred to agriculture and rural development, LAORE.

Within one of the afternoon panels, Stefano Tronci from Autonomous Region of Sardinia, Department of Environment, had the opportunity to introduce SheepToShip project having the project presentation also representing an opportunity for fruitful exchange and networking with a number of participants coming from relevant local, national and international institutions and organizations such as Prof. Corrado Zoppi, President of the Faculty of Engineering and Architecture, University of Cagliari; Sabrina Lai, Department of Environmental Protection, Autonomous Region of Sardinia; Erik Gomez-Baggethun, Scholar of environmental economics, Norwegian University of Life Sciences, As. Norway; Andrea Arcidiacono, Scholar of urban and regional planning, Polytechnic University of Milan.



Please find attached on the left of this document:

- power point presented at the conference
- extended abstract published in the conference proceedings

8. Promotion of SheepToSHIP LIFE project at the “Laboratorio Officina Europea” seminars cycle organized by the Europe Direct office, Autonomous Region of Sardinia. Cagliari (Italy), 4 July 2019

On July 4th 2019 the Europe Direct office of the Autonomous Region of Sardinia organized a workshop dedicated to the LIFE Programme 2014-2020 within the advanced cycle of seminars “Officina Europea”, a free theoretical-practical laboratory dedicated to training and information on basic concepts of European projects design and management. Officina Europea is organized in two cycles (one basic and one advanced level) of seminars and workshops of 5 lessons each dedicated to in-depth analysis of key competences related to European funding (type of funds, information search, reading and submission of a call for proposals, project budget, partnership creation, insights into logical framework and PCM, etc.) including also practical exercises on calls for direct funding and European Territorial Cooperation (Europe for Citizens, Creative Europe, ENI CBC Med, LIFE etc.). The initiative is targeted to local administrators, but also to university students, teachers, public officials, unemployed people, freelancers, etc. interested in acquiring competences on calls for direct funding from the European Commission.

A SheepToShip LIFE delegation participated to the LIFE Programme workshop, namely Gianluca Cocco and Federica Romano from Autonomous Region of Sardinia, Department of Environment. During the workshop, Federica Romano introduced SheepToShip LIFE project with some experience-based insertions concerning project activities, budget issues etc.. Within the initiative the SheeptoShip LIFE delegation was also asked to support the LIFE Programme priority-based working groups for the elaboration of simulated project proposals.





9. Promotion of the SheepToSHIP LIFE in the Joint Meeting FAO/CIHEAM Network for Research and Development in Sheep and Goats "Efficiency and resilience of forage resources and small ruminant production to cope with global challenges in Mediterranean areas", Meknes, Morocco

Meknes (Morocco), 25-29 October 2019

With the aim of disseminating the project results and improving the SheepToShip LIFE network, Antonello Franca (CNR ISPAAM) and Pasquale Arca (CNR IBE) attended the Conference organized by FAO/CIHEAM Network for Research and Development in Sheep and Goats, "Efficiency and resilience of forage resources and small ruminant production to cope with global challenges in Mediterranean areas", held in Meknes (Spain) from the 25th to 29th of October 2019. In particular, Antonello Franca was invited to contribute to a key-note presentation, entitled "Improving the use of grazed forage in Mediterranean ruminant systems issues, options and perspectives", co-authored by M. Jouven (INRA, France) and I. Casassus (CSIC, Spain), reporting about the environmental impact of dairy sheep production system and the potential of pasture-based livestock systems in terms of climate change mitigation. The correlated paper was published in the seminar's proceedings. Also, a poster entitled "SheepToShip LIFE: Looking for an eco-sustainable sheep supply chain. Preliminary results on GHG emission of dairy sheep farms" was presented, co-authored by the whole scientific staff of SheepToShip LIFE project. During the 3 days of the conference duration, the staff members of the SheepToShip LIFE provided detailed information and dedicated much effort in broadening the networking platform of the project. About 100 people attended the scientific sessions and many participants registered in order to receive further information and to collaborate in future initiatives. In particular, an exchange of ideas and purposes with the scientific staff of the Project "Innovation for Sustainable Sheep and Goat Production in Europe" (iSAGE), namely with the key note speaker Agustin del Prado (Basque Centre for Climate Change), gave the opportunity to promote SheepToShip LIFE within an international framework.

Note: the Joint Seminar of the FAO-CIHEAM Network on Sheep and Goats was attended by about 100 people.



Please find attached on the left of this document:

- poster presented at the conference
- extended abstract published in the conference proceedings

10. 5th European Agroforestry (EURAF) Conference, 17-19 May 2021

Online

With the aim of disseminating the project results and improving the SheepToShip LIFE network, Antonello Franca (CNR ISPAAM), Pierpaolo Duce (CNR IBE) and Pasquale Arca (CNR IBE) attended the 5th European Agroforestry (EURAF) Conference, held online from 17 to 19 May 2021. In particular, Pasquale Arca presented a work based on the SheepToShip LCA's studies and entitled "Tree coverage in Sardinian dairy sheep systems: farm characteristics and environmental implications". The presentation received great consideration, stimulating a wide discussion about the environmental role of sheep farming systems. The extended abstract was published in the conference proceedings.

Note: the EURAF Conference was attended by about 200 people.



Please find attached on the left of this document:

- report presented at the conference
- extended abstract published in the conference proceedings

11. 72nd Annual Meeting of the European Federation of Animal Science (EAAP). 30th of August 3rd of September 2021

Davos, Switzerland

With the aim of disseminating the project results and improving the SheepToShip LIFE network, Alberto Atzori and Paola Sau (Dipartimento di Agraria - UNISS) participated to the 72nd Annual Meeting of the European Federation of Animal Science *Scientific solutions to different demands on the livestock sector*, held in Davos (Switzerland) and online from 30th of August 3rd to September 2021. In particular, Paola Sau presented a work based on the SheepToShip LCA's studies and entitled "Mitigation extent of GHG emissions in Sardinia dairy sheep farms by forage quality improvement". The presentation received great consideration and the extended abstract was published in the conference proceedings.

Note: the EAAP Conference was attended by about 150 people.



Please find attached on the left of this document:

- report presented at the conference
- extended abstract published in the conference proceedings

12. X Convegno dell'Associazione Rete Italiana LCA, 22th-24th of September 2021.

With the aim of disseminating the project results and improving the SheepToShip LIFE network, a work based on the SheepToShip LCA's studies and entitled "Assessing Climate Change impacts of typical Sardinian sheep cheese production: The Pecorino Sardo and Fiore Sardo case study" was submitted to "X Convegno dell'Associazione Rete Italiana LCA *Innovazione e circolarità: il contributo del Life Cycle Thinking nel Green Deal per la neutralità climatica*". The work was accepted as oral presentation and the extended abstract will be published in the conference proceedings.



Please find attached on the left of this document:

- Programme of the conference
- extended abstract

13. Pastoralism festival in Sardinia, 26th-27th of September 2021.

The technical-scientific staff of SheepToShip LIFE was invited to participate to the roundtable organized by the EU project PASTRES (Pastoralism, Uncertainty, Resilience) within the Pastoralism festival in Sardinia (held in Agriturismo Sa Mandra – Alghero, Italy, from 26th to 27th of September 2021), with the aim to share the experience and lessons learned of the project. This invitation confirms the high interest and attention gained by SheepToShip LIFE at international level.



Please find attached on the left of this document:

- Programme of the event

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