



D8.2 - DISSEMINATION & AWARENESS REPORT



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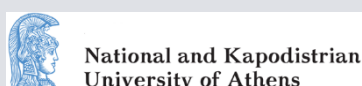
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ACRONYMS LIST

DoA	Description of Action
EFSA	European Food Safety Authority
EOSC	European Open Science Cloud
EU	European Union
FAIR	Findable Accessible Interoperable Reusable
FP7	Framework Programme 7
KPI	Key Performance Indicator
MoU	Memorandum of Understanding
RDA	Research Data Alliance
SME	Small or Medium Enterprise
USA	United States of America
VRE	Virtual Research Environment
WG	Working Group

EXECUTIVE SUMMARY

AGINFRA+ aspires to provide a sustainable channel addressing adjacent but not fully connected user communities around Food & Agriculture, by exploiting core European e-infrastructures such as EGI.eu, OpenAIRE, EUDAT and D4Science. To this end, the project develops, extends and provides the necessary specifications and components for allowing the rapid and intuitive development of variegating data analysis workflows, where the functionalities for data storage and indexing, algorithm execution, results visualization and deployment are provided by specialized services utilizing European large-scale, cloud-based infrastructural assets.

Furthermore, AGINFRA+ aspires to establish a framework facilitating the transparent documentation, exploitation and publication of research assets (datasets, mathematical models, software components and publications), to enable their reuse and repurposing from the wider research community. Thus, the vision of AGINFRA+ project is to develop a common technical infrastructure that could initially serve three user communities (namely, Agro-climatic and Economic Modelling, Food Safety & Risk Assessment and Food Security) and it could be evolved to an AGINFRA food cloud demonstrator that will be positioned as the European Open Science Cloud (EOSC)¹ agri-food thematic cloud.

WP8 concentrates on the dissemination of the project and its results among the identified target groups by using online and offline dissemination channels and activities. More specifically, WP8 focuses on creating awareness and engaging further the scientific communities that are related to each one of the three user communities of the project (namely, Agro-climatic and Economic Modelling, Food Safety & Risk Assessment and Food Security) and (b) creating general awareness about AGINFRA+ and the types of innovative services that scientists may use, in other scientific communities and networks (Task 8.2). Moreover, linking AGINFRA+ with international initiatives and networks that are working on open, big and interoperable data for agriculture and nutrition towards contributing to the corresponding standardisation work falls within the scope of WP8 under Task 8.3. Additionally, alignment of the work held in AGINFRA+ with the conception, development and deployment of the European Open Science Cloud (EOSC) and its integration with the existing core e-infrastructures is part of Task 8.4. Finally, WP8 aims at establishing a sustainable legal entity form (through a not-for-profit association) for the further operation and evolution of AGINFRA+ as a joint venture of involved stakeholders of innovative services that scientists may use, in other scientific communities and network (Task 8.5).

WP8 has created until M18 an online infrastructure (including project website and social media channels) and a set of print dissemination materials to promote the project (Annex D). By the end of M18, the project website has been visited by 523 people (unique visitors). The social media channels count 251 community members (Facebook) and 849 followers (Twitter). These numbers are expected to be further increased as soon as additional tangible results are available via the deployed Virtual Research Environments (VREs) for the targeted project communities.

Finally, the project has organized 13 major events with selected group of researchers and practitioners (see Section 3.1 and Annex A and Annex B). Moreover, the project has conducted 29 AGINFRA+ presentations and panel participations at scientific conferences, workshops and other events and was represented at 4 conferences and fairs with a booth or distributing leaflets (see Section 3.2 and Annex B). In total, more than 4615 stakeholders have been reached and 7 scientific publications (3 journal papers, 2 conference papers and 1 book chapter) were published or have submitted for publication (See Section 3.3 and Annex C).

This deliverable describes online and offline dissemination channels, as well as activities, which were conducted until M18 of the project. Moreover, it provides an outlook of the dissemination activities that

¹ <https://ec.europa.eu/research/openscience/index.cfm?pg=open-science-cloud>

are planned for the next 18 months of the project, namely M19-M36. Furthermore, Key Performance Indicators are described and applied to measure the effectiveness of dissemination until M18 and allow measuring the progress in the next 18 months of the project.

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1 INTRODUCTION

AGINFRA+ aspires to provide a sustainable channel addressing adjacent but not fully connected user communities around Food & Agriculture, by exploiting core European e-infrastructures such as EGI.eu, OpenAIRE, EUDAT and D4Science. To this end, the project develops, extends and provides the necessary specifications and components for allowing the rapid and intuitive development of variegating data analysis workflows, where the functionalities for data storage and indexing, algorithm execution, results visualization and deployment are provided by specialized services utilizing European large-scale, cloud-based infrastructural assets.

Furthermore, AGINFRA+ aspires to establish a framework facilitating the transparent documentation, exploitation and publication of research assets (datasets, mathematical models, software components and publications) to enable their reuse and repurposing from the wider research community. Thus, the vision of AGINFRA+ project is to develop a common technical infrastructure that could initially serve three user communities (namely, Agro-climatic and Economic Modelling, Food Safety & Risk Assessment and Food Security) and it could be evolved to an AGINFRA food cloud demonstrator that will be positioned as the European Open Science Cloud (EOSC)² agri-food thematic cloud.

As a result, the dissemination activities of the project (as part of WP8) are organized based on five main pillars (see also D8.1):

- **Community oriented activities:** focuses on (a) creating awareness and further engaging the scientific communities that are related to each one of the three user communities of the project (namely, Agro-climatic and Economic Modelling, Food Safety & Risk Assessment and Food Security) and (b) creating general awareness about AGINFRA+ and the types of innovative services that scientists may use, in other scientific communities and networks.
- **Engaging with open initiative and networks:** focuses on participating to activities related to Open Access initiatives and the Open Data movement towards contributing to relevant discussions and consultations about openness and FAIRification of data.
- **Engaging with SMEs and innovative start-ups:** focuses on (a) increasing the outreach and engagement of open data startups and SMEs and (b) participating to acceleration and incubation programs.
- **Engaging with agri-food global data initiatives and networks:** focuses on (a) linking AGINFRA+ with international initiatives and networks that are working on open, big and interoperable data for agriculture and nutrition and (b) contributing to the corresponding standardisation work towards positioning AGINFRA+ as a leading data infrastructure for agriculture and food.
- **Engaging with European science e-infrastructures:** focuses on the alignment of the work held in AGINFRA+ with the conception, development and deployment of the European Open Science Cloud (EOSC) and its integration with the existing core e-infrastructures.

This deliverable represents online channels and their reach during the first 18 months (see Section 2), as well as offline dissemination activities that have been conducted (Section 3). Key Performance Indicators are described and applied to measure the effectiveness of the dissemination (see Section 4). In the last section, the project's dissemination activities of the first 18 months are summarized and an outlook of the dissemination activities that are planned for the second project year is presented (Section 5).

² <https://ec.europa.eu/research/openscience/index.cfm?pg=open-science-cloud>

2 ONLINE DISSEMINATION (UNTIL M18)

This section provides the list of the project's online dissemination channels that are used to promote its main outcomes and to attract the targeted stakeholders to active participation in its activities. The main online dissemination mean is the project website that presents all the project information and the progress so far. Additionally, the project social media are the key online channels for informing the target groups about the project outcomes and the project dissemination activities, like the presentation in key events (workshops and conferences) and the organisation of project workshops.

2.1 PROJECT WEBSITE

The project website (<http://www.plus.aginfra.eu>) is the main online dissemination channel used to promote the project and increase the stakeholders' awareness of the project activities. It provides general information about the project vision and objectives, research activities and important results, workshops and other project events. Furthermore, the project website establishes connection to offline dissemination activities promoting them and providing print materials, scientific papers and official deliverables for download. Contact information of consortium partners can also be found on the website. Moreover, the project website provides access to the online map of the data ecosystem in agriculture and food sciences that is being developed by the H2020 EINFRA foresight project, namely eROSA (<http://www.erosa.aginfra.eu/>), which aims to set-up an e-infrastructure roadmap for open science in agriculture and food. Finally, it provides access to the dedicated Virtual Research Environments (VREs) that encapsulate the technical solutions for serving the three different communities of the project (i.e. agroclimatic and economic modelling, food safety risk assessment and food security).

The project website was launched on March 2017 (M3). Additionally, at the end of October 2017 (M10), the project news blog (<http://www.plus.aginfra.eu/news>) has been launched. The main purpose of this blog is to inform the stakeholders about the latest news (e.g. new developments, project materials, announcements about events organized and impressions from past events, etc). Notes on scientific outcomes of the project, implementation results, as well as particularities of technical realizations can also be published on the blog.

To measure the dissemination rate of the website and to collect general information about the users, the project website has been connected to Google Analytics since the 8th of October 2017 (M10). For the last 8 months (M10 to M18) the website was visited by 523 unique users coming from Greece (18.05%), France (26.15%), Netherlands (4.24%), Spain (4.79%), Italy (5.52%), Belgium (4.24%), India (6.45%), Germany (5.71%), United Kingdom (2.58%), United States (4.85%), and other countries. 84.6% of visitors are new, and 15.4% are returning visitors. Figure 1 represents the number of visitors who accessed the website for the period between 08.10.2017 to 30.06.2018



Figure 1: Visits of the AGINFRA+ website [01.10.2017 - 30.06.2018]

The most prominent peak on the chart is appeared on 26th of June, during the AGINFRA+ dissemination event in Parma, as well as during the preparation for the EFSA-BfR Workshop on QMRA Model Repository on the 27th of June 2018. It should d be mentioned that the project website received increased traffic during other dissemination activities that took place within June 2018, namely (a) The

RAKIP Meeting in Copenhagen, Denmark on 08/06/2018, (b) the RAKIP-EFSA Web meeting on 21/06/2018, (c) the FIT4FOOD2030 Workshop, in Athens, Greece on 12/06/2018, (d) the “Workshop: Towards Open Science in Agriculture & Food” in Plovdiv, Bulgaria on 13/06/2018 and (e) the Horizon 2020 Info Day on Societal Challenge 2 in Brussels, Belgium on 25/06/2018.

The traffic sources are represented as follows: 34.07% organic search (coming directly from the Google search), 43.3% direct traffic, 3.7% social traffic (through social media) and 17.96% referral (redirection from other websites). Most of the users, land on the homepage (42.74%), whereas other frequent landing pages are the pages related to project partners (4.98%), project vision (5.07%), project coordinators (2.53%), project deliverables (3.98%), objectives (3.75%), news (2.53%) and use cases (2.13%).

2.2 SOCIAL MEDIA CHANNELS

To support communication between the project (represented by particular consortium members) and external stakeholders from the targeted project communities, AGINFRA+ provides pages to two (2) main social media platforms, namely Facebook and Twitter. These pages are built on the existing pages from the previous FP7 AGINFRA project³, as it has been foreseen in the DoA.

2.2.1 Twitter

The AGINFRA Twitter account (<https://twitter.com/AGINFRA/>) was created in November 2011 in the context of the FP7 AGINFRA project. Until the end of June 2018 (M18), the twitter account includes **849 followers**, **1258 tweets** and **65 likes**. The last 18 months of the AGINFRA+ project, the account has received **116 new followers** and **29 tweets** have been posted. Additionally, during the first 18 months AGINFRA tweets were appeared to other twitter accounts’ timelines for **18.600 times** (i.e. tweet impression), 2.538 users visited AGINFRA Twitter account and the username @aginfra was mentioned 31 times in other tweets. We expect for the next 18 months these numbers to be increased as soon as more tangible results will be available within the deployed VREs for the targeted project communities.

2.2.2 Facebook

The AGINFRA Facebook Page (<https://www.facebook.com/AGINFRA/>) was launched in October 2011 also in the context of the FP7 AGINFRA project. The total number of AGINFRA Facebook page followers is **251**. The AGINFRA facebook page likes for the first 18 months were **34** and the AGINFRA facebook page posts were appeared in other Facebook accounts timeline **793 times** (page reach). We also expect for the next 18 months these numbers to be increased as soon as more tangible results will be available within the deployed VREs for the targeted project communities.

2.3 PRESS PUBLICATIONS

Besides its main dissemination channels, until M18, the project partners prepared several online press publications and communicated the project objectives and vision via online dissemination media. More specifically, an online article was published in the Bioeconomy Innovation Magazine (CommBeBiz) under the title “Open Science Data for Food Systems Research - AGINFRA+” (<https://commbebiz.eu/?page=3117>). Additionally, another online article was published to the Horizon: The EU Research and Innovation Magazine under the title “Open data can secure our food supply” (https://horizon-magazine.eu/article/future-proofing-europes-food-supply-relies-sharing-research-data-dr-panagiotis-zervas_en). During the 16th month of the project, another online article was published in the ERCIM News 113 Magazine, which had a Special theme about “Smart Farming”, under the title

³ http://cordis.europa.eu/project/rcn/100730_en.html

“Supporting Agriculture and Food Research Communities by Virtual Research Environments: The AGINFRA+ Project” (<https://ercim-news.ercim.eu/en113/special/virtual-research-environments-to-support-agriculture-and-food-research-communities-the-aginfrac-project>)

Moreover, the project exploited the possibility to make announcements about the project via consortium partners’ newsletters, such as an electronic newsletter published by EGI. More precisely, on EGI’s newsletter issue 26 (issued on February 2017), an AGINFRA+ announcement was released under the title “AGINFRA+: food and agriculture research” (<https://www.egi.eu/about/newsletters/aginfrac-food-and-agriculture-research/>). A second project announcement was released on EGI newsletter issue 29 (issued on December 2017) under the title “How AGINFRA+ serves the Agriculture and Food scientific domain” (<https://www.egi.eu/about/newsletters/how-aginfrac-serves-the-agriculture-and-food-scientific-domain/>). During the next 18 months similar announcements will be released on newsletters, blogs and online magazines.

3 OFFLINE DISSEMINATION (UNTIL M18)

The offline dissemination activities of the AGINFRA+ project include (a) the organisation of workshops in collaboration with international stakeholders and other EU-funded initiatives towards sharing best practices on aspects related to data management, processing and visualization related to the AGINFRA+ use cases, (b) participation to small-scale events (e.g. workshops organized in partners' premises) and large-scale events, like international conferences, workshop, policy events etc, and (c) publishing papers in conference proceedings, international journals and book chapters.

In order to communicate the project's work to the target audiences, various dissemination materials have also been created (see section 3.4).

3.1 EVENTS ORGANIZED

During the first 18 months of the project, AGINFRA+ consortium organised thirteen (13) major events. The first key event, namely Open Harvest 2017 was a general event co-organized with eROSA Project and brought together a selected group of prominent researchers and practitioners in the field of agriculture and food for discussing the main aspects of "a scientific data commons", which provided input to the basic pillars for the AGINFRA+ project data e-infrastructure. The second key event was organized in collaboration with DEMETER (DEtermination of METrics of Emerging Risk), an EFSA⁴-funded project towards enhancing the collaboration of both projects and contributing to a common open data e-infrastructure data for Food Safety Risk Assessment research community of the project.

The rest eleven (11) events took place during the last six (6) months and were organized by the three use cases' responsible partners and were primarily aimed at disseminating the concept of the VREs that have been deployed by the project. In particular, the Federal Institute for Risk Assessment (BfR) who is AGINFRA's + responsible partner regarding the second use case, namely Food Safety Risk Assessment organized eight (8) events. Additionally, the Wageningen University & Research (WUR) that is AGINFRA's + responsible partner regarding the first use case, namely Agro-climatic & Economic Modelling, organized one event and the National Institute of Agricultural Research (INRA) that is AGINFRA's + responsible partner regarding the third use case, namely Food Security, organized two events. More details about these events are presented in Annex C

During the 2nd period, similar events will be further organized for all research communities of the project, namely the Agroclimatic and Economic Modelling research community, the Food Safety Risk Assessment community and the Food Security community.

3.1.1 Open Harvest 2017

The Open Harvest 2017 event was organized from the 31st of May until the 1st of June in Chania, Greece. The event brought together a selected group of prominent researchers and practitioners in the field of agriculture and food for discussing the main aspects of "a scientific data commons" and it was co-organized with eROSA Project that aims to elaborate a vision and a roadmap to develop e-infrastructures in agricultural research. The event was also supported by the GODAN Data Ecosystem Working Group⁵. The detailed agenda of the event and the list of participants are presented in Annex A. The main outcomes of the Open Harvest 2017 were the following:

- A position paper explaining what we mean as "a scientific data commons", why it is necessary and relevant for agri-food communities, and which are the core components and services that should be part of it.

⁴ European Food Safety Authority (<https://www.efsa.europa.eu/>)

⁵ <http://www.godan.info/working-groups/data-ecosystem-working-group>

- A number of Working Groups (WGs) that will eventually brainstorm & discuss about common topics of interest, identify collaboration opportunities, and define (if relevant and possible) concrete action points.

All participants of the event Partners agreed on the need for capacity-building and shared guidance and methods in the field of data management and FAIRification. They highlighted the need to rely on semantic resources and business models for sustainable openness as part of the “commons” of the community in order to envision the future of our e-infrastructure ecosystem.

The main outcome of the event was the “The 2nd Chania Declaration”⁶, which was signed by all participants of the event.

3.1.2 Joint Workshop on Food Risk Assessment Research & Practice

The workshop was organized on the 24th of November 2017 in Wageningen, Netherlands and it was hosted by RIKILT-WUR⁷ and ALTErrA-WUR⁸. The detailed agenda of the workshop, as well as the list of participants are presented in Annex B. The workshop was organized in collaboration with the EFSA research project DEMETER (DEtermination of METrics of Emerging Risk). The scope of the workshop was to enhance the collaboration of both projects towards contributing to a common open e-infrastructure data eco-system on Emerging Food Safety Risks Identification. The results and the recommendations that came up from the workshop will be used by the AGINFRA+ consortium at the relevant strategic discussions with the key players, who try to shape the thematic cloud on agri-food as part of the EOSC. It should be mentioned also that the DEMETER project is exploiting the AGINFRA+ VREs.

All presentations from the workshop are available at the AGINFRA+ slideshare account: <https://www.slideshare.net/aginfra>

3.2 EVENTS ATTENDED

In the first 18 months of the project, the project was represented at multiple conferences, workshops, policy events and other events (such as fora, fairs and hackathons). Through these events, AGINFRA+ partners reached more than 4615 stakeholders (an approximate number based on partners’ estimations). The AGINFRA+ project has been promoted in 10 European countries and in USA targeting both representatives from European research communities and stakeholders from USA. In sum, more than 29 presentations and panel participations have been conducted. Moreover, the AGINFRA+ project has been promoted in 3 fora/fairs.

AGINFRA+ presentations and participation to the aforementioned events can be grouped according to the five basic pillars of the dissemination strategy that have been defined in Deliverable “D8.1 – Dissemination & Awareness Plan”, as follows:

- **Community oriented activities:**
 - *Agroclimatic and Economic Modelling Community*
 - “International workshop on Open Land Data: Mobile Apps and Geo-services for Open Soil Data” with about 30 participants *Food Safety Risk Assessment Community*
 - Multiple presentations during community-oriented events such as “RAKIP Workshop”, “BfR Workshop – FoodRisk-Labs” etc with about 450 participants.
 - “FoodMicro2018” with about 200 participants.
 - *Food Security Community*

⁶ <https://drive.google.com/file/d/0B41Vz7BieQuoY19CYIBISkIxbmc/view>

⁷ <https://www.wur.nl/en/Expertise-Services/Research-Institutes/rikilt.htm>

⁸ <https://www.wur.nl/en/Expertise-Services/Research-Institutes/Environmental-Research.htm>

- “Phenome Workshop” with about 20 participants
 - “Emphasis Workshop” with about 20 participants
- **Engaging with open initiative and networks:**
 - “Horizon 2020 Societal Challenge 2 Infoweek” with about 800 participants. The project has a dedicated booth at this event.
 - “Agri-Innovation Summit 2017” with about 300 participants.
 - “NET FUTURES 2017” with about 300 participants.
 - “OpenScienceFair” with about 60 participants. The project had a panel presentation at this event.
 - MACS-G20 workshop in Berlin, “Linked Open Data in Agriculture with about 100 participants.
 - “2nd Open Research Cloud Congress” with about 40 participants.
 - “Horizon 2020 Info Day on Societal Challenge 2” with about 300 participants.
- **Engaging with SMEs and innovative start-ups:**
 - “2nd AgroHackathon”, where components of the AGINFRA+ technical infrastructure was used and tested by 20 developers and innovative start-ups towards solving technical challenges in the field of agri-food.
 - “Rewarding Nature Hack” with about 20 participants
- **Engaging with agri-food global data initiatives and networks:**
 - “Interest Group on Agricultural Data (IGAD) Pre-meeting of RDA 9th Plenary Meeting” with about 250 participants. The AGINFRA+ project actively participates to the Agrisemantics WG of IGAD/RDA (as indicated in the case statement of the WG⁹) by providing input about the needs of its research communities when using semantic resources. The Agrisemantics WG is expected to produce recommendations for the future of semantics for agricultural data and AGINFRA+ aims to influence these recommendations.
 - “Agri-Research Conference - Innovating for the future of farming and rural communities” with about 250 participants.
- **Engaging with European science e-infrastructures:**
 - Participation to all relevant eROSA Project public events (stakeholders’ workshops and policy meetings with relevant EU Directorates) with about 150 participants. In these events AGINFRA+ project partners provided input to the e-infrastructure roadmap for Open Science in agricultural research that is being designed by the eROSA Project
 - “EOSC Stakeholder forum” with about 400 participants
 - “Digital Infrastructures for Research 2017 (DI4R 2017)” with about 400 participants
 - “EOSC-hub week” with about 150 participants

3.3 SCIENTIFIC PUBLICATIONS IN JOURNALS AND CONFERENCE PROCEEDINGS

As a research and innovation action (RIA) project, the AGINFRA+ project seeks to have a significant impact on international research in the areas of agriculture and food, as well as in the area of Computer Science. In the first 18 months of the project, AGINFRA+ published/submitted for publication four papers Scientific Journals, two conference papers at International Conferences, as well one book chapter to the Book “Big Data for the Greater Good” to be published by Springer, as follows:

1. **[Book Chapter]** P. Karampiperis, R. Lokers, P. Neveu, O. Hologne, G. Kakalettris, L. Candela, M. Filter, N. Manouselis, M. Stavrakaki, and P. Zervas: “Big Data in Agricultural and Food Research:

⁹ <https://www.rd-alliance.org/group/agrisemantics-wg/case-statement/rda-agrisemantics-wg-case-statement>

- Challenges and Opportunities of an integrated Big Data e-Infrastructure”. In: Big Data for the Greater Good (Springer)
2. **[Journal Paper]** M. Assante, L. Candela, D. Castelli, R. Cirillo, G. Coro, L. Frosini, L. Lelii, F. Mangiacrapa, V. Marioli, P. Pagano, G. Panichi, C. Perciante, and F. Sinibaldi: “The gCube System: Delivering Virtual Research Environments as-a-Service”. In: Future Generation Computer Systems (Elsevier)
 3. **[Journal Paper]** Leticia Ungaretti Haberbeck, Carolina Plaza Rodríguez, Virginie Desvignes, Paw Dalgaard, Moez Sanaa, Laurent Guillier, Maarten Nauta and Matthias Filter: “Harmonized terms, concepts and metadata for microbiological risk assessment models: the basis for knowledge integration and exchange”. In: Microbial Risk Analysis (Elsevier)
 4. **[Journal Paper]** Miguel de Alba Aparicio, Tasja Buschhardt, Ahmad Swaid, Lars Valentin, Octavio Mesa-Varona, Taras Günther, Carolina Plaza-Rodriguez and Matthias Filter: “FSK-Lab - an open source Food Safety Model integration tool”. In: Microbial Risk Analysis (Elsevier)
 5. **[Journal Paper]** M. Assante, L. Candela, D. Castelli, G. Coro, L. Frosini and F. Mangiacrapa, P. Pagano, G. Panichi Paper: “Enacting Open Science by gCube and D4Science”. In: Future Generation Computer Systems (Elsevier)
 6. **[Conference paper]** Massimiliano Assante, Leonardo Candela, Donatella Castelli, Gianpaolo Coro, Francesco Mangiacrapa, Pasquale Pagano and Costantino Perciante: “Enacting Open Science by gCube”. In: 9th International Workshop on Science Gateways (IWSG 2017), 19-21 June 2017 (CEUR-WS.org)
 7. **[Conference paper]** A. Ballis, A. Boizet, L. Candela, D. Castelli, E. Fernández, M. Filter, T. Günther, G. Kakaletris, P. Karampiperis, D. Katris, M.J.R. Knapen, R.M. Lokers, L. Penev, G. Sipos and P. Zervas: “Serving Scientist in Agri-food area by Virtual Research Environments.” In: The 14th IEEE International Conference on e-Science, Amsterdam, Netherlands (eScience 2018) (IEEE)

3.4 DISSEMINATION MATERIALS

To support the offline promotion activities of the project, a number of dissemination materials have been prepared, in order to be distributed by the project partners in the scope of conferences, workshops, fairs and other events:

- **AGINFRA+ project poster roll-up** (see Annex D) presents the main project motto, as well as the project consortium and links to the project social media and web-site. It can be used to present the project on conferences and exhibitions.
- **AGINFRA+ project EOSC brochure** (see Annex D) presents the AGINFRA+ vision towards an AGINFRA Food Cloud Demonstrator. It can be used to present the AGINFRA+ vision in EOSC-related events where relevant discussions are taking place.
- **AGINFRA+ project general brochure** (see Annex D) presents an overview of the AGINFRA+ project, its main objectives, as well as the project consortium and links to the project social media and web-site. It can be used to present the project on conferences, workshops and exhibitions.
- **AGINFRA+ project data journals brochures** (see Annex D) these are two brochures which present scope and the objectives of the two data journals that have been set-up, namely the Viticulture Data Journal and the Food Modelling Journal.

4 KEY PERFORMANCE INDICATORS

This section describes Key Performance Indicators (KPIs), which are used to measure the efficiency of the project dissemination activities in order to keep overview of the current status and to define (corrective) activities for the future periods. The evaluation is conducted to the end of each project year starting with the Year 1. The KPIs are based on those defined in Deliverable “D8.1 – Dissemination and Awareness Plan” and they are further analysed with planned values for each year of the project and achieved values for the first 18 months of the project.

The following KPIs (presented also in Table 1) measure the project branding and the communication material:

K1.1 - Project Website Unique Visitors: the reach of the project web-site is measured based on the unique visitor number. The DoA does not define numbers per project year. Thus, we have set our own target based on the unique visitors of the first project year (i.e. 120). The KPI is measured with Google Analytics

K1.2 – Project Audience: This KPI provides the number of recipients of project announcements and includes the number of social media group members, namely the number of project facebook page and the followers at the project twitter account. The DoA does not define numbers per project year. Thus, we have set our own target based on the number achieved for the first project year (i.e. 85). The KPI is measured from Facebook and Twitter analytics services.

K1.3 - Dissemination Materials: it measures the number of different dissemination materials that will be created for offline promotion activities of the project. For the first project year the indicator equals to 3 and it includes the materials that have been described in Section 3.4.

K1.4 Project Videos: This KPI measures the number of project videos that will be prepared during the project lifetime.

Table 1: Branding & Communication Material KPIs (cumulative values)

Nr.	KPI	Target Source		Year 1	Year 2 ¹⁰	Year 3
K1.1	Project Website Unique Visitors	Own target setting	Annual Target	-	1000	2500
			Achieved Value	120 (Oct-Dec 2017)	523	-
K1.2	Project Audience (Social Media Followers and Likes)	Own target setting	Annual Target	-	200	500
			Achieved Value	85	150	-
K1.3	Dissemination Materials (Brochures and Posters)	DoA	Annual Target	-	3	4
			Achieved Value	3	5	-
K1.4	Project Videos	DoA	Annual Target	-	1	4
			Achieved	-	-	-

¹⁰ The achieved values correspond up to M18

			Value			
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The following KPIs (presented also in Table 2) measure the project campaigns:

K2.1 - Open Data Challenges: This KPI measures the number of data challenges to be defined by the project and shared with global open data initiatives and networks.

K2.2 - Campaigns towards H2020 project coordinators & data managers: This KPI measures the number of online campaigns targeting H2020 project coordinators & data managers.

K2.3 - Outreach to general press and media: This KPI measures the number of press releases on project stories & outcomes, as well as interviews with project members. For the first 18 months of the project, this indicator equals to 5 and it includes the press publications described in Section 2.3.

Table 2: Campaign KPIs (cumulative values)

Nr.	KPI	Target Source		Year 1	Year 2 ¹¹	Year 3
K2.1	Open Data Challenges	DoA	Annual Target	-	1	3
			Achieved Value	-	-	-
K2.2	Campaigns towards H2020 project coordinators & data managers	DoA	Annual Target	-	2	5
			Achieved Value	-	-	-
K2.3	Outreach to general press and media	DoA	Annual Target	4	8	12
			Achieved Value	4	5	-

The following KPIs (presented also in Table 3) measure the project science and technology outreach:

K3.1 - Editing of special topic volumes & journal issues: This KPI measures the number of edited volumes or journal special issues.

K3.2 - Publication of scientific papers in journals or conferences: This KPI measures the number of scientific publications related to the project to conference proceedings, journals and book chapters. For the first 18 months of the project, this indicator equals to 7 and it includes the publications described in Section 3.3.

K3.3 - Organisation of special sessions or workshops in scientific conferences: This KPI measures the number of special sessions organized in workshops or conferences. For the first 18 months of the project, this indicator equals to 3 and it includes the panel sessions organized in “OpenScienceFair”, 6-8.9.2017, Athens, Greece, in “EOSC-hub week”, 16-20.04.2018, Malaga, Spain and in “AgriResearch Conference - Innovating for the future of farming and rural communities”, 02-03.05.2018, Brussels, Belgium (see Section 3.2).

K3.4 - Promotion of targeted news items for scientists and experts through specialised channels: This KPI measures the number of news items and blog posts published at the project web-site and other sites such as the GODAN Website and AIMS Website. For the first 18 months of the project, this indicator

¹¹ The achieved values correspond up to M18

equals to 20 and it includes the posts that have been published at the project blog at: <http://www.plus.aginfra.eu/news>.

K3.5 - Participation to training events of young scientists (e.g. summer schools, summer institutes):

This KPI measures the number of lecture & hands on workshops related with the project. For the first 18 months of the project, this indicator equals to 1 and it includes the lecture given to Agronomy students on Data Science Training in Montpellier, France on 19.03.2018 (see Section 3.2).

K3.6 - Organisation of webinars for scientists: This KPI measures the organization of webinars towards presenting the project outcomes to researchers working on fields related with the project use cases. For the first 18 months of the project, this indicator equals to 1 and it includes the webinar organized by BfR on 21.06.2018 and it is described in Section 3.1.

K3.7 - Open days at partner premises: This KPI measures the number of open days organized at partners' premises regarding the project. For the first 18 months of the project, this indicator equals to 10 and it includes the Joint Workshop on Food Risk Assessment Research & Practice organized in Wageningen University on November 2017, as well as the events that have been organized by BfR, ALTEERRA and INRA as described in Section 3.1.2.

K3.8 - Special interest groups in specialised forums, standardisation groups, global networks: This KPI measures the number of working groups or special interest groups that the project participates. For the first 18 months of the project, this indicator equals to 2 and it includes the IGAD/RDA Agrisemantics Working Group and the GODAN Data Ecosystem Working Group.

K3.9 - Preparation of articles in general science communication & publication outlets: This KPI measures the number of articles published at journals like the Agricultural Information Worldwide.

Table 3: AGINFRA+ Science & Technology Outreach (cumulative values)

Nr.	KPI	Target Source		Year 1	Year 2 ¹²	Year 3
K3.1	Editing of special topic volumes & journal issues	DoA	Annual Target	-	-	1
			Achieved Value	-	-	-
K3.2	Publication of scientific papers in journals or conferences	DoA	Annual Target	-	8	15
			Achieved Value	3	7	-
K3.3	Organisation of special sessions or workshops in scientific conferences	DoA	Annual Target	-	3	6
			Achieved Value	1	3	-
K3.4	Promotion of targeted news items for scientists and experts through specialised channels	DoA	Annual Target	10	20	30
			Achieved Value	5	20	-
K3.5	Participation to training events of young	DoA	Annual Target	-	3	6

¹² Achieved values correspond up to M18

	scientists (e.g. summer schools, summer institutes)		Achieved Value	-	1	-
K3.6	Organisation of webinars for scientists	DoA	Annual Target	2	4	6
			Achieved Value	0	1	-
K3.7	Open days at partner premises	DoA	Annual Target	-	4	8
			Achieved Value	1	10	-
K3.8	Special interest groups in specialised forums, standardisation groups, global networks	DoA	Annual Target	-	3	5
			Achieved Value	2	-	-
K3.9	Preparation of articles in general science communication & publication outlets	DoA	Annual Target	-	0	2
			Achieved Value	-	-	-

The following KPIs (presented also in Table 4) measure the project business outreach:

K4.1 - Organise national opened hackathons & meetups: This KPI measures the number of hackathons that the project organized or participated in. For the first 18 months of the project, this indicator equals to 5 and it includes the participation of the project to (a) the 2nd AgroHackathon, Montpellier, France, 1-2.7.2017, (b) the SuikerUnie Hackathon, Wageningen, Netherlands, 07.04.2017, (c) the AgriVision FarmHack, Noordwijk, Netherlands, 14.06.2017, (d) the Smart Dairy Farming Hackathon, Dairy Campus, Leeuwarden, Netherlands, 30.11.2017 and (e) the Rewarding Nature Hack, Amersfoort, Netherlands, 10.04.2018 as they are described in Section 3.2.

K4.2 – AGINFRA+ early-stage incubation of innovative start-ups: This KPI measures the number of incubation activities for innovative start-ups building on the project infrastructure.

K4.3 – AGINFRA+ representation at AgTech commercial exhibitions and trade fairs: This KPI measures the number of commercial exhibitions and trade fairs that the project will participate. For the first 18 months of the project, this indicator equals to 2 and it includes the Thessaloniki International Fair, Thessaloniki, Greece, 15-17.9.2017 and the Horizon 2020 Societal Challenge 2 Infoweek, Brussels, Belgium, 14-17.11.2017

Table 4: Business outreach KPIs (cumulative values)

Nr.	KPI	Target Source		Year 1	Year 2 ¹³	Year 3
K4.1	Organise national opened hackathons & meetups	DoA	Annual Target	-	2	3
			Achieved Value	1	5	-
K4.2	AGINFRA+ early-stage	DoA	Annual	-	-	1

¹³ Achieved values correspond up to M18

	incubation of innovative startups		Target			
			Achieved Value	-	-	-
K4.3	AGINFRA+ representation at AgTech commercial exhibitions and trade fairs	DoA	Annual Target	-	2	3
			Achieved Value	2	-	-

The following KPIs (presented also in Table 5) measure the project business outreach:

K5.1 - Outreach of policy & decision makers informing about project activities, outcomes, successes, societal impact: This KPI measures the number of policy events that the project will participate in. For the first 18 months of the project, this indicator equals to 3 and it includes the 1st eROSA Policy Workshop, Brussels, Belgium, 31.3.2017, the 2nd eROSA Policy Workshop, Brussels, Belgium, 15.12.2017 and the 3rd eROSA Policy Workshop, Brussels, Belgium, 19.06.2018 as they are described in Section 3.2.

K5.2 - White paper to inform funding agencies, decision makers etc: This KPI measures the number of white papers that the project will prepare towards informing funding agencies, decision makers, etc.

K5.3 - Hosting or session organisation in events related to agricultural data e-infrastructures: This KPI measures the number of events that the project will organize related to agricultural data e-infrastructures. For the first 18 months of the project, this indicator equals to 4 and it includes the Open Harvest 2017 (see section 3.1.1.), participation to EOCS-related events (such as EOCS stakeholder forum and EOCS-Hub week) and participation to DI4R conference (such as DI4R 2017) as described in Section 3.2.

K5.4 - Organise relevant H2020 project coordinators' information day in collaboration with the H2020 Big Data Europe Coordination Action: This KPI measures the number of H2020 project coordinators' information days to be organized by the project.

Table 5: Policy Outreach KPIs (cumulative values)

Nr.	KPI	Target Source		Year 1	Year 2 ¹⁴	Year 3
K5.1	Outreach of policy & decision makers informing about project activities, outcomes, successes, societal impact	DoA	Annual Target	2	2	2
			Achieved Value	2	3	-
K5.2	White paper to inform funding agencies, decision makers etc	DoA	Annual Target	-	-	3
			Achieved Value	-	-	-
K5.3	Hosting or session organisation in events related to agricultural data e-infrastructures	DoA	Annual Target	1	2	3
			Achieved Value	1	4	-

¹⁴ Achieved values correspond up to M18

K5.4	Organise relevant H2020 project coordinators' information day	DoA	Annual Target	-	-	1
			Achieved Value	-	-	-

5 SUMMARY AND NEXT PERIOD PLANNING

The work of WP8 in the first 18 months of the project was focused on the development of an infrastructure to conduct online dissemination activities and on the creation of the offline dissemination materials to promote AGINFRA+ during various presence events like conferences and workshops. The project website was developed representing the project and consortium, providing an overview of the use cases supported by the three research communities of the project. Social media channels like Facebook and Twitter offer the possibility to stay in contact with multiple stakeholders and attract attention to the project.

Multiple events (workshops, conference presentations and policy events) were organised to address the research communities of the project, as well as to align with agri-food global data initiatives and networks and open data initiatives. The AGINFRA+ project has been promoted in 10 European countries and in USA targeting both representatives from European research communities and stakeholders from USA. In sum, more than 29 presentations and panel participations have been conducted and thirteen (13) major events have been organized. By means of these activities a total number of about 4615 stakeholders have been reached. Finally, seven (7) scientific publications were published or submitted for publication.

For the remaining 18 months of the project AGINFRA+ is planning the further engagement of the three research communities of the project (namely, Agro-climatic and Economic Modelling, Food Safety & Risk Assessment and Food Security) with dedicated workshops organized by the community leaders (ALTERRA, BfR and INRA). Additionally, AGINFRA+ is planning participation in conferences and workshops (presentation of the project and scientific papers related to the project), as well as participation to fairs and summits with dedicated booths for showcasing the project results.

Moreover, during the last 18 months of the project AGINFRA+ aims to continue the engagement with agri-food global data initiatives and networks such as the Interest Group on Agricultural Data (IGAD) of the Research Data Alliance (RDA)¹⁵, the FAO's Agricultural Information Management Standards¹⁶ and the GODAN Data Ecosystem Working Group.

Finally, AGINFRA+ will continue strategic discussions with the key players trying to shape the thematic cloud on agri-food as part of the European Open Science Cloud (EOSC). More specifically, AGINFRA+ (with the support of EGI, which is leading this activity) will participate to public events organized by EOSC-related H2020-funded projects such as EOSC pilot (<https://eoscpilot.eu/>) and EOSC-hub (<http://eosc-hub.eu/>). Moreover AGINFRA+ will aim to be the first pilot project that will implement pieces of the the e-infrastructure roadmap for Open Science in agricultural and food sciences that has been designed by the eROSA Project (<http://www.erosa.aginfra.eu/>).

¹⁵ <https://www.rd-alliance.org/groups/agriculture-data-interest-group-igad.html>

¹⁶ <http://aims.fao.org/>

ANNEX A: OPEN HARVEST 2017 (AGENDA AND PARTICIPANTS)

Day 1 (31/5/2017)

Time	Session Title	Session Chairs
9:00 - 9:30	<i>Arrival, registration, morning coffee</i>	-
9:30 - 11:00	Introduction and Context: <ul style="list-style-type: none"> • Speed talks per participant <ul style="list-style-type: none"> • Who are we? • Why are we here? Form breakout Groups	Nikos Manouselis
11.00 - 11.30	Coffee Break	
11.30 - 12.30	Breakout Group Session <u>Question 1:</u> How does your group define this beast that we refer to as a “scientific data commons” or “shared scientific data infrastructure”? <i>Think a bit, write down your main ideas, share with your group, cluster ideas, brainstorm, reflect upon, negotiate, come up with your group’s position.</i>	Facilitated by WG Leaders
12:00 - 13:00	Groups Report on Question 1 to Plenary (10’ per WG) <ul style="list-style-type: none"> • One sentence starting with “For our group, this thing is...” • The top-5 components or parts that your group believes that such a thing should have. 	WG leaders & Rapporteurs
13:00 – 14:30	Lunch Break	
14.30 - 15.30	Breakout Group Session <u>Question 2:</u> Why do we need something like a “scientific data commons” or “shared scientific data infrastructure”? <i>Think a bit, write down your main ideas, share with your group, cluster ideas, brainstorm, reflect upon, negotiate, come up with your group’s position.</i>	Facilitated by WG Leaders
15:30 – 16:00	Coffee Break (grab your coffee & continue working)	
16:00 - 17:00	Groups Report on Question 2 to Plenary (10’ per WG) <ul style="list-style-type: none"> • The 3 reasons that your group sees as most important. • One sentence starting with “For our group, we need this because...” 	WG leaders & Rapporteurs
17:00 - 18:00	Synthesising input to 1-pager on the concept & the need	Johannes Keizer (synthesising)

Day 2 (1/6/2017)

11:30 - 12:30	Groups Report on Question 3 to Plenary (10’ per WG) <ul style="list-style-type: none"> • A list of the initiatives represented in the group & why this concept is relevant to each one of them. • One sentence per initiative with the message they want to include in the position paper to push this concept forward. 	WG leaders & Rapporteurs
12.30 - 13.30	Breakout Group Session <u>Question 4:</u> Which are the priority actions that you would like to work on next?	Facilitated by WG Leaders

	<i>Think a bit, write down your main ideas, share with your group, cluster ideas, brainstorm, reflect upon, negotiate, come up with your group's position.</i>	
13:30 – 15:00	Lunch Break	
15:00 - 15:30	Groups Report on Question 4 to Plenary (10' per WG) <ul style="list-style-type: none"> A list of the key actions that your group agrees that it would like to focus on and follow up after the event. Who will do what, when. 	WG leaders & Rapporteurs
15:30 – 16:00	Synthesis of key actions, revision of position document, publication of declaration/statement	

List of Participants

No	Last Name	First Name	Organization	Country
1	Aubin	Sophie	INRA	France
2	Bellocchi	Gianni	INRA	France
3	Bernardo	Theresa	University of Guelph	Canada
4	Brewster	Christopher	TNO	Netherlands
5	Dara	Rozita	University of Guelph	Canada
6	Davies	Jeremy	Cambden BRI	UK
7	Devare	Medha	CGIAR	France
8	Hologne	Odile	INRA	France
9	Huber	Madeleine	INRA	France
10	Janssen	Sander	ALTERRA	Netherlands
11	Karampiperis	Pythagoras	Agroknow	Greece
12	Kastrantas	Kostas	Agroknow	Greece
13	Keizer	Johannes	GODAN	Italy
14	Koukourikos	Antonis	Agroknow	Greece
15	Lokers	Rob	ALTERRA	Netherlands
16	Madalli	Devika	ISI / DRTC	India
17	Manouselis	Nikos	Agroknow	Greece
18	Meng	Xianxue	CAAS	China
19	Mullier	Graham	Syngenta	UK
20	Parr	Martin	CABI / GODAN	UK
21	Pesce	Valeria	FAO / GFAR	Italy
22	Prasad	ARD	ISI / DRTC	India
23	Robson	Elliot	Eduworks	USA
24	Rocha Bello Bertin	Patrícia	Embrapa	Brasil

25	Stacey	Paul	Creative Commons	Canada
26	Stoitsis	Giannis	Foodakai	Greece
27	Tennison	Jeni	ODI	UK
28	Thanopoulos	Babis	Agroknow	Greece
29	Top	Jan	WUR/ FBR	Netherlands
30	Verbyla	Matt	San Diego State University / GWPP	USA
31	Wang	Burley	Guangdong GuangKen Animal Husbandry Engineering Research Institute Co., Ltd	China
32	Xian	Guojian	CAAS	China
33	Yossinger	Nili	Georgetown University	USA
34	Zervas	Panagiotis	Agroknow	Greece
35	Zhang	Xuefu	CAAS	China
36	Zhou	Guomin	CAAS (Deputy Director All)	China

ANNEX B: JOINT WORKSHOP ON FOOD RISK ASSESSMENT RESEARCH & PRACTICE (AGENDA AND PARTICIPANTS)

Agenda (24/11/2017)

Time	Presentation Title	Presenter
14:00 - 14:10	Welcome and introductions of the participants	Panagiotis Zervas (Agroknow)
14:10 - 14:30	The AGINFRA+ Vision: Serving the European Scientists Across Food Systems	Panagiotis Zervas (Agroknow)
14:30 - 14:50	The AGINFRA+ Virtual Research Environment (VRE)	Massimiliano Assante (CNR)
14:50 - 15:40	Session I: Emerging Food Safety Risks Identification Systems	
14:50 - 15:10	Inventory among DEMETER Stakeholders on EMERGING RISKS Systems	Hans Marvin (WUR-RIKILT)
15:10 - 15:30	ERIS-Emerging Risk Identification Support System	Niels Lucas Luijckx (TNO)
15:30 - 15:50	Implementing a platform for the food-chain ecosystem to provide trust, transparency and provenance	Walter Stiers (IBM)
15:50 - 16:10	Coffee Break	
16:10 - 16:50	Session II: Emerging Food Safety Risks Identification Methods	
16:10 - 16:30	DEMETER - Development of Methodologies and Systems for the Identification of Emerging Food Safety Risks	Hans Marvin (WUR-RIKILT)
16:30 - 16:50	DEMETER - ERKEP and Current Status of the ERKEP Concept Note	Matthias Filter & Michal Czyz (BfR)
16:50 - 17:30	Discussion - Wrap up	

Participants

No	Last Name	First Name	Organization	Country
1	Assante	Massimiliano	National Research Council, CNR	Italy
2	Behring	Carsten	European Food Safety Authority, EFSA	Germany
3	Bouzembrak	Yamine	WUR-RIKILT	Netherlands
4	Castenmiller	Jacqueline	Food and Consumer Product Safety Authority, NVWA	Netherlands
5	Czyz	Michal	Federal Institute for Risk Assessment, BfR	Germany
6	Fernández	Enol	EGL.eu	Spain
7	Filter	Matthias	Federal Institute for Risk Assessment, BfR	Germany

8	Kakaletris	George	University of Athens, UOA	Greece
9	Kerekes	Kata	The National Food Chain Safety Agency, NÉBIH	Hungary
10	Knappen	Rob	ALTERRA-WUR	Netherlands
11	Koukourikos	Antonis	Agroknow	Greece
12	Lokers	Rob	ALTERRA-WUR	Netherlands
13	Luijckx	Niels Lucas	Netherlands Organisation for Applied Scientific Research, TNO	Netherlands
14	Marvin	Hans	WUR-RIKILT	Netherlands
15	Stiers	Walter	IBM Belgium	Belgium
16	van de Brug	Fred	Netherlands Organisation for Applied Scientific Research, TNO	Netherlands
17	Zervas	Panagiotis	Agroknow	Greece

ANNEX C: OVERVIEW OF DISSEMINATION ACTIVITIES (UNTIL M18)

Events Organized

Event Name	Event URL	Partners Participated	Event Type	Nature of Contribution	Location (City)	Location (Country)	Date(s)	Audience	Participants
Open Harvest 2017	http://www.godan.info/news/2nd-choria-declaration-released-after-open-harvest-2017	Agroknow	Workshop	Presentation	Chania	Greece	31.5-1.6.2017	Research, Industry and Policy Makers	36
Joint Workshop on Food Risk Assessment Research & Practice	http://www.plus.aginfra.eu/node/69	BfR, Agroknow, ALTERRA	Workshop	Presentation	Wageningen	Netherlands	24.11.2017	Research	17
2nd Year									
EJP One Health Kick-Off meeting	https://www.anses.fr/en/content/h20-20-one-health-ejp-kick-meeting	BfR	Workshop	Presentation	Paris	France	30-31.01.2018	Research, Governmental Agencies	100
Technical Workshop RAKIP project	N/A	BfR	Workshop	Presentation	Berlin	Germany	22.03.2018	Developers	15
RAKIP Meeting	N/A	BfR	Workshop	Presentation	Paris	France	30.03.2018	Research	10
ORION-Kick off Meeting	N/A	BfR	Workshop	Presentation	Berlin	Germany	18-20.04.2018	Research	30
ORION VRE workshop	N/A	BfR	Workshop	Presentation	Web		28.05.2018	Research	8
EFSA-BfR Workshop on QMRA Model Repository	N/A	BfR	Workshop	Presentation	Parma	Italy	27.06.2018	Research	10
AgroDataCube Sprint	https://www.wur.nl/nl/nieuws/AgroDataCube-Sprint-Samen-landbouwapplicaties-ontwikkelen-op-basis-van-big-en-open-data.htm	ALTERRA	Workshop	Presentation	Wageningen	Netherlands	14-16.03.2018	Research, Industry and Policy Makers	20
Food Security VRE workshop	N/A	INRA	Workshop	Presentation	Montpellier	France	17.04.2018	Research	7
Lecture given to Agronomy students on Data Science Training in Montpellier SupAgro	N/A	INRA	Conference	Presentation	Montpellier	France	19.03.2018	Research	12
RAKIP Meeting	N/A	BfR	Conference	Presentation	Kopenhagen	Denmark	08.06.2018	Research	10
RAKIP-EFSA Webmeeting	N/A	BfR	Workshop	Presentation	Web		21.06.2018	Research	6

Events attended

Event Name	Event URL	Partners Participated	Event Type	Nature of Contribution	Location (City)	Location (Country)	Date(s)	Audience	Estimated Participants
1st eROSA Policy Workshop	http://www.erosa.aginfra.eu/node/45	Agroknow, INRA, ALTERRA	Policy event	Presentation	Brussels	Belgium	31.03.2017	Policy makers	25
Interest Group on Agricultural Data (IGAD) Pre-meeting of the RDA 9th Plenary Meeting	https://www.rda-alliance.org/plenari/es/rda-ninth-plenary-meeting-barcelona	Agroknow, ALTERRA	Conference	Panel	Barcelona	Spain	5-7.4.2017	Research	250
NET FUTURES 2017	https://www.netfuturesconference.eu/	Agroknow	Policy event	Presentation	Brussels	Belgium	28.29.6.2017	Policy makers	300

SuikerUnie Hackathon	N/A	ALTEERRA	Hackathon	Software development	Wageningen	Netherlands	07.04.2017	Research, Industry and Policy Makers	15
AgriVision FarmHack	https://www.farmhack.nl/activiteiten/agrivationhackathon/	ALTEERRA	Hackathon	Software development	Noordwijk	Netherlands	14.06.2017	Research, Industry and Policy Makers	25
2nd AgroHackathon	https://www.meetup.com/AgroHackathon/events/236852702/	Agroknow	Hackathon	Presentation	Montpellier	France	1-2.7.2017	Developers	20
International workshop on Open Land Data: Mobile Apps and Geoservices for Open Soil Data	http://gsif.isric.org/doku.php/wiki:workshop_2017	ALTEERRA	Workshop	Presentation	Wageningen	Netherlands	3.7.2017	Research	30
1st eROSA Stakeholders Workshop	http://www.erosa.aginfra.eu/node/47	Agroknow, INRA, ALTEERRA	Workshop	Presentation	Montpellier	France	6-7.7.2017	Research, Industry and Policy Makers	50
RAKIP Workshop	N/A	BfR	Workshop	Panel	Berlin	Germany	12.7.2017	Research	20
BfR Workshop – FoodRisk-Labs	N/A	BfR	Workshop	Presentation	Berlin	Germany	10-11.7.2017	Research	30
OpenScienceFair	http://www.opensciencefair.eu/workshops/parallel-day-1-1/the-roadmap-to-better-food-using-ict-and-open-data-to-overcome-barriers-in-the-agriculture-value-chain	UoA	Workshop	Panel	Athens	Greece	6-8.9.2017	Research, Industry and Policy Makers	60
Thessaloniki International Fair	http://tif.helexpo.gr/en	UoA	Forum	Brochure distribution	Thessaloniki	Greece	15-17.9.2017	Research, Industry and Policy Makers	100
MACS-G20 workshop in Berlin, "Linked Open Data in Agriculture"	https://www.ktbl.de/inhalte/themen/ueber-projekte/macsg20-loda/lectures/	ALTEERRA	Policy event	Presentation	Berlin	Germany	27-28.9.2017	Policy makers	100
2nd Open Research Cloud Congress	https://indico.egi.eu/indico/event/3414/	EGI	Conference	Presentation	Amsterdam	Netherlands	27-28.9.2017	Developers	40
Agri-Innovation Summit 2017	http://aislisbon2017.com	Agroknow	Conference	Presentation	Lisbon	Portugal	11-12.10.2017	Research, Industry and Policy Makers	300
COMBINE 2017	http://co.mbine.org/events/COMBINE_2017	BfR	Forum	Presentation	Milan	Italy	9-13.10.2017	Developers	
Phenome workshop	https://www.phenome-fppn.fr/	INRA	Workshop	Presentation	Montpellier	France	9.11.2017	Research	20
Horizon 2020 Societal Challenge 2 Infoweek	https://ec.europa.eu/programmes/horizon2020/en/news/horizon-2020-societal-challenge-2-infoweek-including-high-level-policy-events	Agroknow	Forum	Booth	Brussels	Belgium	14-17.11.2017	Research, Industry and Policy Makers	800
Emphasis workshop	https://emphasis.plant-phenotyping.eu/Tartu2017	INRA	Workshop	Presentation	Tartu	Estonia	22.11.2017	Research	20
BfR Minisymposium Globale	N/A	BfR	Workshop	Presentation	Berlin	Germany	22.11.2017	Research	40

Warenketten									
2nd eROSA Stakeholders Workshop	http://www.erosa.aginfra.eu/node/54	Agroknow, INRA, ALTERRA, BfR	Workshop	Presentation	Wageningen	Netherlands	27-28.11.2017	Research	30
EOSC Stakeholder forum	https://eosc-pilot.eu/events/eosc-stakeholder-forum-shaping-future-eosc	BfR	Workshop	Panel	Brussels	Belgium	28-29.11.2017	Research, Industry and Policy Makers	400
Digital Infrastructures for Research 2017 (DI4R 2017)	https://www.digitalinfrastructures.eu/	EGI	Conference	Presentation	Brussels	Belgium	30.11-1.12.2107	Research, Industry and Policy Makers	400
Joint International Symposium	https://www.bfr-akademie.de/media/wysiwyg/Programme_Joint_International_Symposium.pdf	BfR	Conference	Presentation	Berlin	Germany	30.11-1.12.2107	Research, Governmental Agencies	250
Smart Dairy Farming Hackathon	https://www.farmhack.nl/activiteiten/smart-dairy-farming-hackathon/	ALTERRA	Hackathon	Software development	Dairy Campus, Leeuwarden	Netherlands	30.11.2017	Research, Industry and Policy Makers	25
Technical Workshop FDA-iRISK	N/A	BfR	Workshop	Presentation	Greenbelt, MD	USA	7-8.12.2017	Research, Governmental Agencies, Industry	40
EJP One Health Pre-Kick-Off-Meeting	N/A	BfR	Workshop	Panel	Brussels	Belgium	15.12.2017	Research, Governmental Agencies, Industry	40
2nd eROSA Policy Workshop	N/A	Agroknow, INRA, ALTERRA	Policy event	Presentation	Brussels	Belgium	15.12.2017	Policy makers	15
2nd Year									
Rewarding Nature Hack	https://www.farmhack.nl/activiteiten/rewarding-nature-hack/	ALTERRA	Hackathon	Software development	Amersfoort	Netherlands	10.04.2018	Research, Industry and Policy Makers	20
EOSC-hub week	https://www.eosc-hub.eu/events/eosc-hub-week-16-20-april-2018-malaga-spain	EGI	Conference	Presentation	Malaga	Spain	16-20.04.2018	Research, Industry and Policy Makers	150
AgriResearch Conference - Innovating for the future of farming and rural communities	http://ec.europa.eu/programmes/horizon2020/en/news/agriresearch-conference-innovating-future-farming-and-rural-communities	Agroknow	Conference	Presentation	Brussels	Belgium	02-03.05.2018	Research, Industry and Policy Makers	250
eROSA 3rd Stakeholder Workshop	N/A	Agroknow, INRA, ALTERRA, BfR	Workshop	Presentation	Athens	Greece	21-22.05.2018	Research	20
FIT4FOOD2030 Workshop	https://fit4food2030.eu/	Agroknow	Workshop	Presentation	Athens	Greece	12.06.2018	Research	30
Towards Open Science in Agriculture & Food	https://www.eventbrite.com/e/towards-open-science-in-agriculture-food-tickets-45533972337?utm_source=eb_email&utm_medium=email&utm_campaign=event_reminder&utm_term=eventname	CNR	Workshop	Presentation	Plovdiv	Bulgaria	13.06.2018	Research, Industry and Policy Makers	40
2nd FOOD 2030 High Level Event	http://food2030plovdiv.eu/	Agroknow	Conference	Brochure distribution	Plovdiv	Bulgaria	14-15.06.2018	Research, Industry and Policy Makers	150

3rd eROSA Policy Workshop	N/A	Agroknow, INRA, ALTERRA	Policy event	Presentation	Brussels	Belgium	19.06.2018	Policy makers	10
Horizon 2020 Info Day on Societal Challenge 2	https://ec.europa.eu/programmes/horizon2020/en/news/horizon-2020-info-day-societal-challenge-2-calls-proposals-2019	Agroknow	Policy event	Brochure distribution	Brussels	Belgium	25.06.2018	Research, Governmental Agencies, Industry	300
FoodMicro2018	https://www.foodmicro2018.com/	BfR	Conference	Presentation	Berlin	Germany	03-06.09.2018	Research, Governmental Agencies, Industry	200

Scientific publications

Authors	Paper Title	Publication Type	Publication Venue	Publisher	Status	Publication Date	URL	Lead Partner
Pythagoras Karampiperis, Rob Lokers, Pascal Neveu, Odile Hologne, George Kakaletis, Leonardo Candela, Matthias Filter, Nikos Manouselis, Maritina Stavrakaki, Panagiotis Zervas	Big Data in Agricultural and Food Research: Challenges and Opportunities of an integrated Big Data e-Infrastructure	Book chapter	Big Data for the Greater Good	Springer	Forthcoming	March 2018	Not yet available	Agroknow
M. Assante, L. Candela, D. Castelli, R. Cirillo, G. Coro, L. Frosini, L. Lelii, F. Mangiacrapa, V. Marioli, P. Pagano, G. Panichi, C. Perciante, F. Sinibaldi	The gCube System: Delivering Virtual Research Environments as-a-Service	Journal paper	Future Generation Computer Systems	Elsevier	Submitted	Not yet available	Not yet available	CNR
Massimiliano Assante, Leonardo Candela, Donatella Castelli, Gianpaolo Coro, Francesco Mangiacrapa, Pasquale Pagano, Costantino Perciante	Enacting Open Science by gCube	Conference paper	9th International Workshop on Science Gateways (IWSG 2017), 19-21 June 2017	CEUR-WS.org	Accepted	Not yet available	Not yet available	CNR
2nd Year								
Leticia Ungaretti Haberbeck, Carolina Plaza Rodríguez, Virginie Desvignes, Paw Dalgaard, Moez Sanaa, Laurent Guillier, Maarten Nauta, Matthias Filter	Harmonized terms, concepts and metadata for microbiological risk assessment models: the basis for knowledge integration and exchange	Journal paper	Microbial Risk Analysis	Elsevier	Published	June 2018	https://www.sciencedirect.com/science/article/pii/S2352218300100	BfR
Miguel de Alba Aparicio, Tasja Buschhardt, Ahmad Swaid, Lars Valentin, Octavio Mesa-Varona, Taras Günther, Carolina Plaza-Rodríguez, Matthias Filter	FSK-Lab - an open source Food Safety Model integration tool	Journal paper	Microbial Risk Analysis	Elsevier	Submitted	Not yet available	Not yet available	BfR
A. Ballis, A. Boizet, L. Candela, D. Castelli, E. Fernández, M. Filter, T. Günther, G. Kakaletis, P. Karampiperis, D. Katris, M.J.R. Knapen, R.M. Lokers, L. Penev, G. Sipos, P. Zervas	Serving Scientist in Agri-food area by Virtual Research Environments	Conference paper	The 14th IEEE International Conference on e-Science, Amsterdam, Netherlands (eScience 2018)	IEEE	Submitted	Not yet available	Not yet available	CNR
M. Assante, L. Candela, D. Castelli, G. Coro, L. Frosini, F. Mangiacrapa, P. Pagano, G. Panichi	Enacting Open Science by gCube and D4Science	Journal paper	Future Generation Computer Systems	Elsevier	Submitted	Not yet available	Not yet available	CNR

Press publications

Publication Title	Publication Venue	URL	Type	Lead Partner
Open Science Data for Food Systems Researcher - AGINFRA+	Bioeconomy Innovation Magazine	https://commbebiz.eu/?page=3117	Online article	Agroknow
Open data can secure our food supply	Horizon: The EU Research and Innovation Magazine	https://horizon-magazine.eu/article/future-proofing-europes-food-supply-relies-sharing-research-data-dr-panagiotis-zervas_en	Online article	Agroknow
AGINFRA+: food and agriculture research	EGI newsletter	https://www.egi.eu/about/newsletters/aginfra-food-and-agriculture-research/	Newletter	EGI
How AGINFRA+ serves the Agriculture and Food scientific domain	EGI newsletter	https://www.egi.eu/about/newsletters/how-aginfra-serves-the-agriculture-and-food-scientific-domain/	Newletter	Agroknow
2nd Year				
Supporting Agriculture and Food Research Communities by Virtual Research Environments: The AGINFRA+ Project	ERCIM News 113	https://ercim-news.ercim.eu/en113/special/virtual-research-environments-to-support-agriculture-and-food-research-communities-the-aginfra-project	Online article	Agroknow, CNR

ANNEX D: PRINTED DISSEMINATION MATERIALS

D1 AGINFRA+ POSTER



Figure 2: AGINFRA+ Project Poster Roll-up

D2 AGINFRA+ VISION BROCHURE

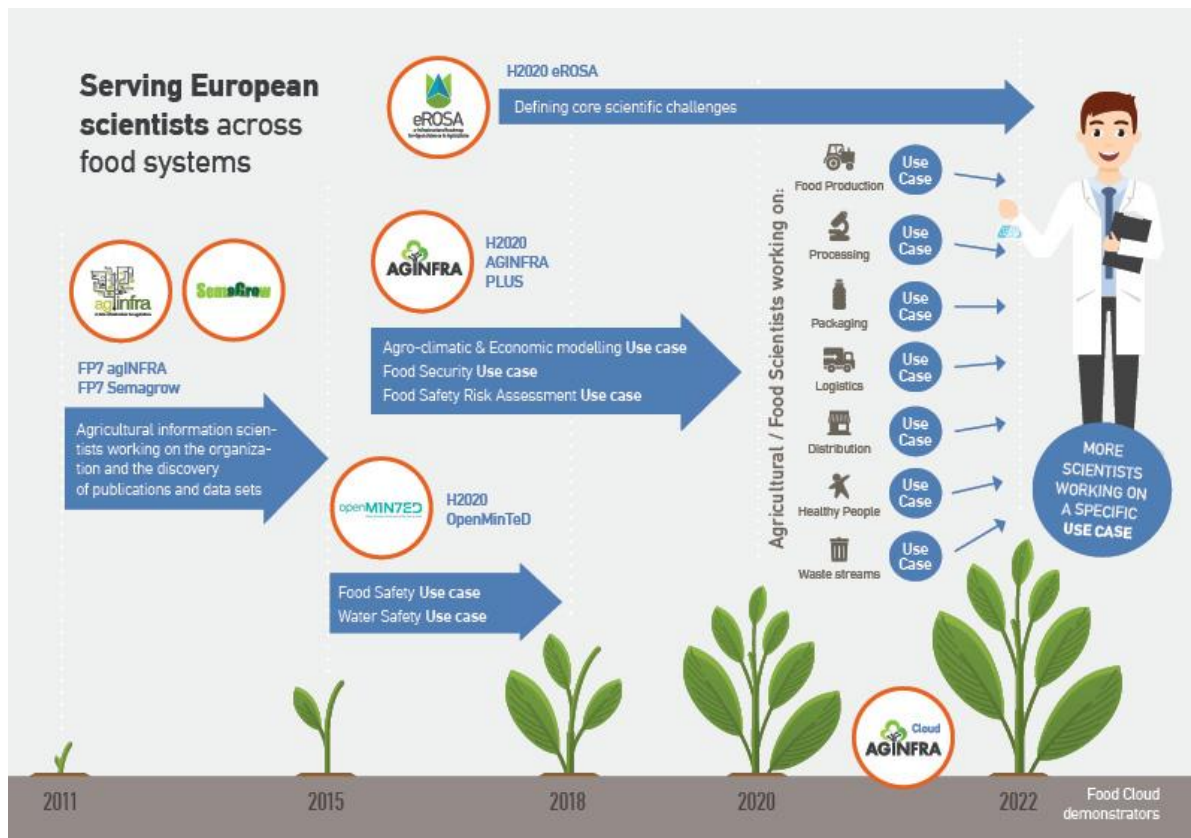


Figure 3: AGINFRA+ Brochure for demonstrating the AGINFRA+ vision towards an AGINFRA Food Cloud Demonstrator [1st page]

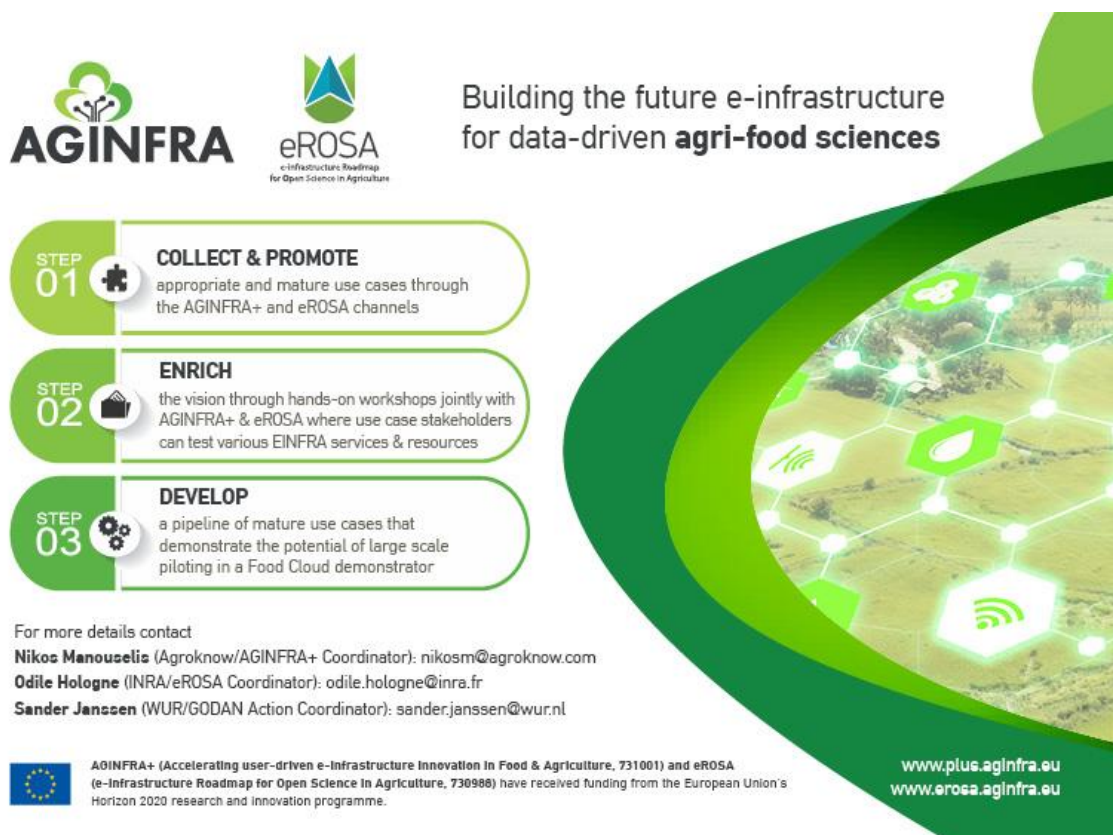


Figure 4: AGINFRA+ Brochure for demonstrating the AGINFRA+ vision towards an AGINFRA Food Cloud Demonstrator [2nd page]

D3 AGINFRA+ PROJECT BROCHURE



Figure 5: AGINFRA+ Project Brochure [Front Page]



Figure 6: AGINFRA+ Project Brochure [Back View]

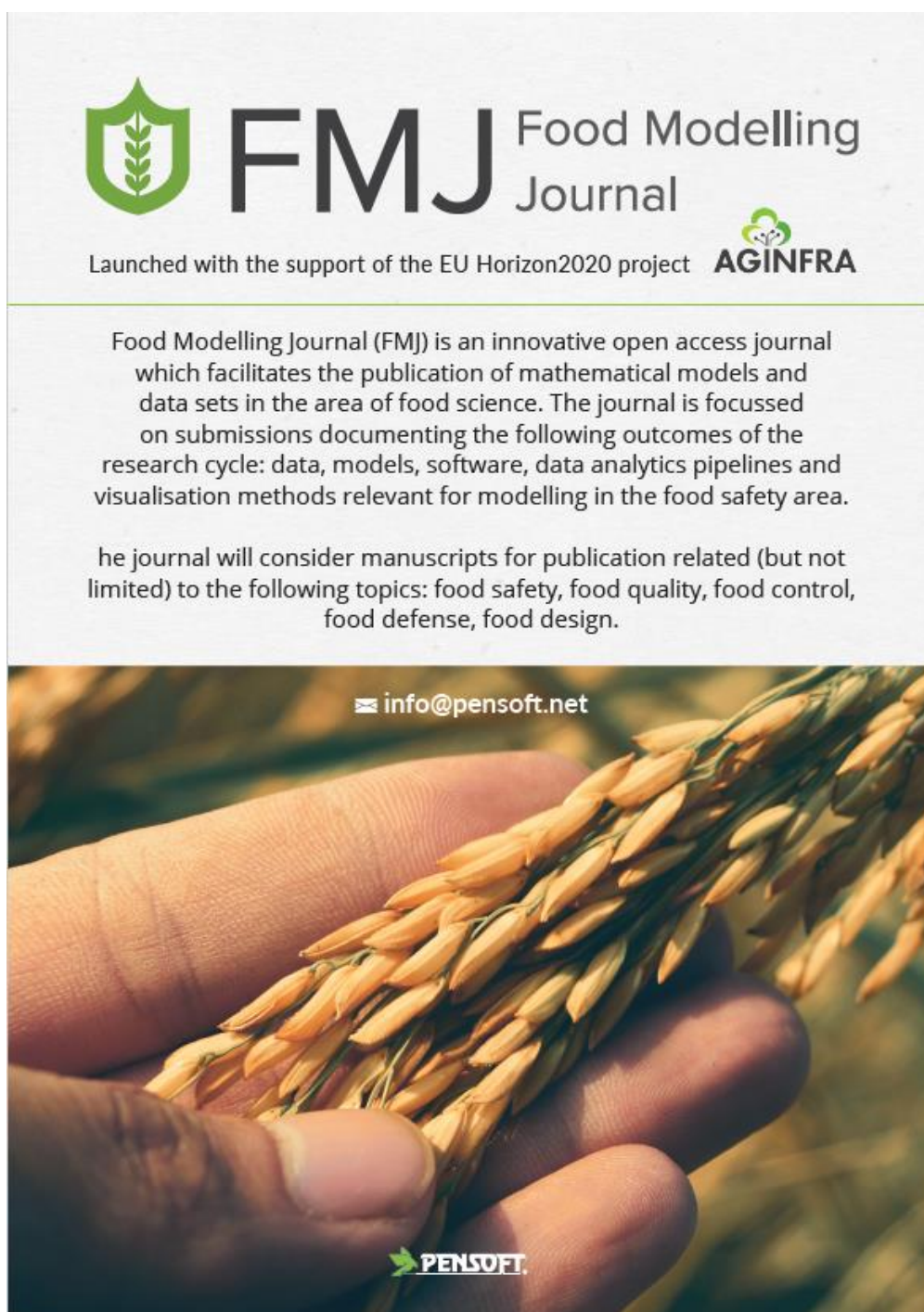


Figure 7: AGINFRA+ Food Modelling Journal Brochure [1st page]



FMJ Food Modelling Journal

Launched with the support of the EU Horizon2020 project



Publication types

Models, Data analytics, Applied study,
Data paper, Software description

Contact

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Figure 8: AGINFRA+ Food Modelling Journal Brochure [2nd page]

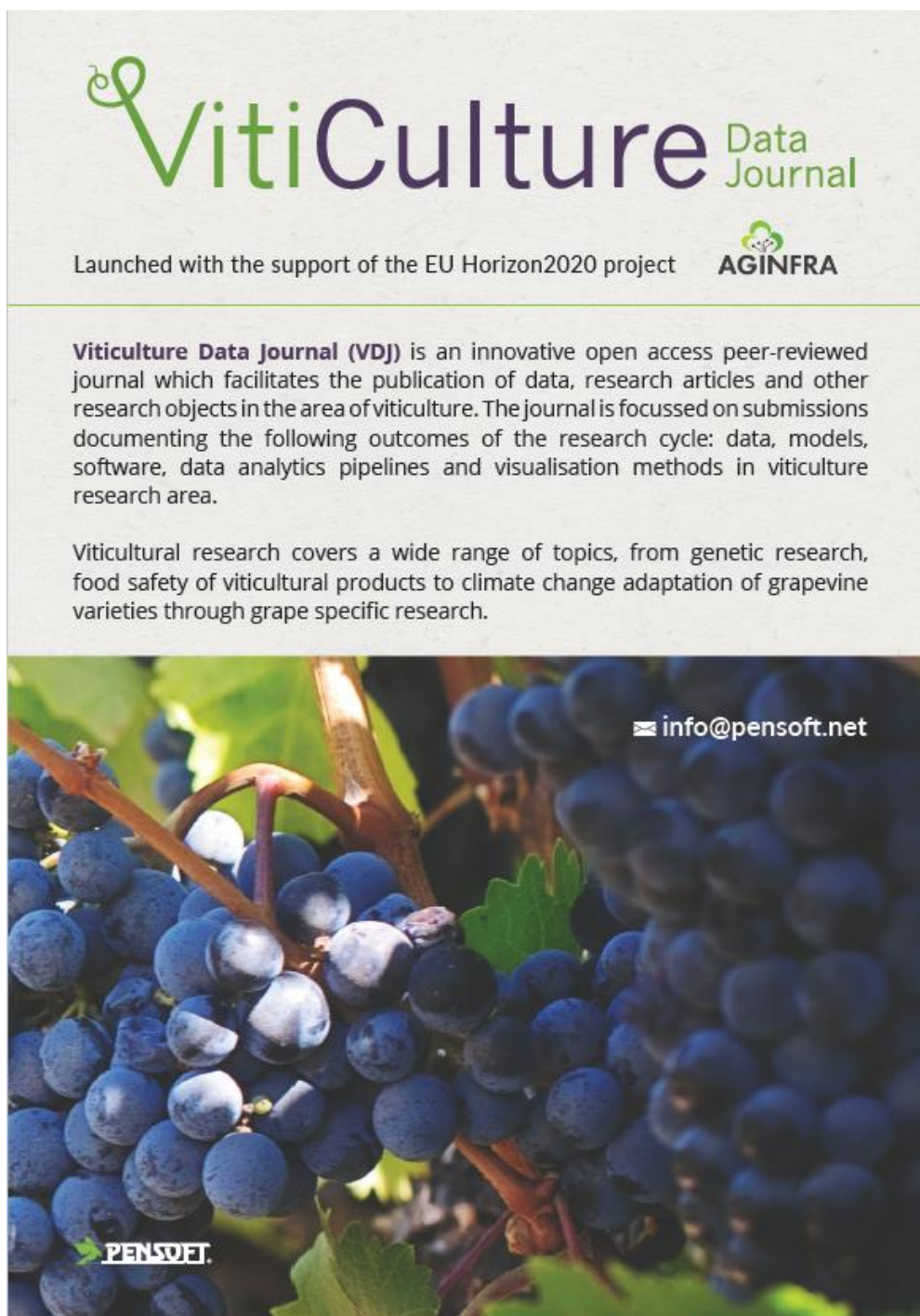


Figure 9: AGINFRA+ Viticulture Data Journal Brochure [1st page]

VitiCulture Data Journal

Launched with the support of the EU Horizon2020 project



Publication topics

Phenotyping and genotyping • Vine growth and development • Vine ecophysiology • Berry yield and composition • Genetic resources and breeding • Vine adaptation to climate change, abiotic and biotic stress • Vine propagation, Rootstock and clonal evaluation • Effects of field practices (pruning, fertilization etc.) on vine growth and quality • Sustainable viticulture and environmental impact • Ampelography • Plant pathology, diseases and pests of grapevine • Microbiology and microbiological risk assessment

Publication types

Data Paper
Methods
Emerging Technique
Applied Study
Monitoring Schema
Model
Software Description
R Package
Research Article
Opinion Paper

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Figure 10: AGINFRA+ Viticulture Data Journal Brochure [2nd page]