



HORIZON-CL6-2021-CIRCBIO-01

Innovative solutions to over-packaging and single-use plastics, and related microplastic pollution (IA)

BUDDIE-PACK

Business-driven systemic solutions for sustainable plastic packaging reuse schemes in mass market applications

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Acronym description

CC	Common Creative
DMP	Data Management Plan
DoA	Description of Actions
EC	European Commission
GA	Grant Agreement
GDPR	General Data Protection Regulation
GB	Giga Bites
LCI	Life Cycle Inventory
IPR	Intellectual Property Rights
LCA	Life Cycle Analysis
LCC	Life Cycle Costing
MB	Mega Bites
NDA	Non-Disclosure Agreement
SIA	Social Impact Assessment
SP	Sharepoint
WP	Work Package

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Executive Summary

The Horizon Europe Model Grant Agreement requires that a data management plan ('DMP') is established and regularly updated. The deliverable follows the template provided by the European Commission (EC) for Horizon Europe beneficiaries. All requirements for research data management of Horizon Europe as described in article 17 and analysed in the Grant Agreement, are addressed in this deliverable.

The DMP targets the control, protection, delivery, and enhancement of the data value. Data is defined in a very general way, meaning any result from experiments or modelling as raw data, evaluated data, software, reports, and all required meta-information to follow the FAIR concept, which is Findable, Accessible, Interoperable and Re-usable. The DMP covers data handling, preparation of meta-data like contact person and general information on the creation of data, conservation, access restrictions and services, and intellectual property issues; it will describe the data sets expected from the project, the partners involved in their generation and their status (open/confidential).

The Intellectual Property Rights 'IPR' task force, as defined in D8.1, will support partners about how to use the data collected and/or produced during the project, respecting the creativity commons of all companies, researchers, the intellectual property and the future exploitation of the results. Each partner will keep its sensitive data. Non-sensitive data will be placed in open access repositories such as Zenodo.

During its lifetime, BUDDIE-PACK will generate research data in activities ranging from behavioural analysis to cleaning assessment and environmental impact. The BUDDIE-PACK DMP will set out the main elements of the data management policy to be used by the consortium regarding the datasets generated by the project. Specifically, the DMP will describe the key data management principles in terms of data standards and metadata, sharing, archiving and preservation.

The DMP reflects the current state of the Consortium Agreement and must be consistent with exploitation and intellectual property rights (IPR) requirements. The decision process to disseminate or protect research results is overseen by the General Assembly as part of task 9.1.

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1. Introduction

The present data management plan (DMP) prepared by ACTIA with the support of IPC is using the Horizon 2020 DMP template and following guidelines on FAIR Data Management in Horizon Europe. It is including how the data were and will be generated, processed, collected, stored, and documented, ensuring the digital curation lifecycle, as well as explanation about how the legislative requirement (GDPR) was and will be respected, with what data sets will be exploitable / accessible for verification and reuse.

D9.4 is an updated version of D9.3 (Initial Data Management Plan). All Buddie-Pack partners producing data have contributed to D9.4.

2. Data summary

The structure of the BUDDIE-PACK project is shown in Figure 1 below, which can also be found in the DoA (Description of Action). It shows how the work packages are connected and that the management work package (WP9) constitutes a supporting foundation for the project as a whole. This illustration of the project organization is necessary for the understanding of the generation and flow of data in the project.

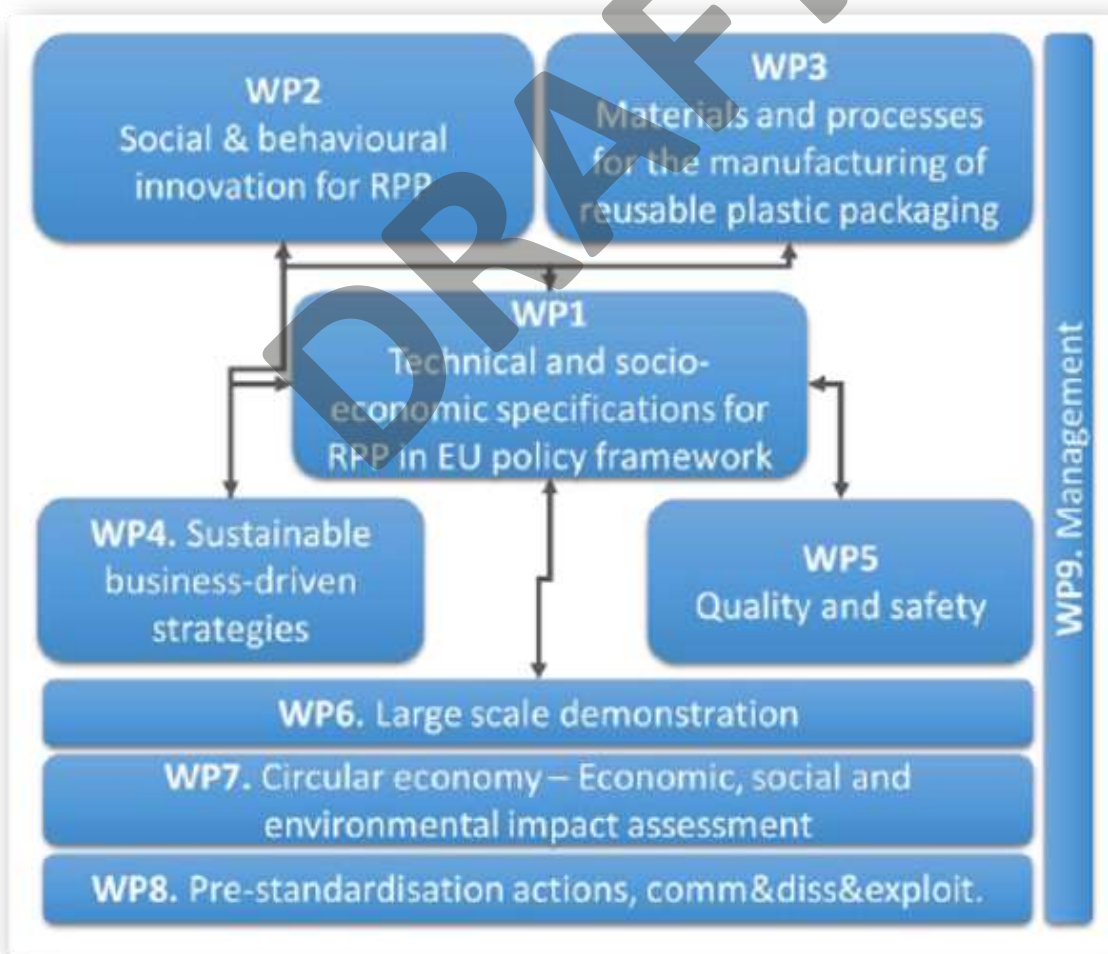


Figure 1: BUDDIE-PACK project structure

As data collection and analysis are crucial aspects in project management, proper data management and treatment drive decision-making while promoting transparency among all interested stakeholders. Besides, data-driven decision-making is the most powerful tool to avoid biases and misunderstandings.

This chapter describes the type, the origins, the purpose, and usability of the data collected during the whole project life cycle.

The collection of data (internal and external) and their analysis during the project are essential for the good implementation of the action. This will ensure how goals and objectives of the project are reached. As BUDDIE-PACK is an Innovation Action, project partners need to follow a rigorous process to collect, treat and analyse data. BUDDIE-PACK project will generate data on the raising sector of reusable packaging, in different markets based on its business cases. Data from these developments will be part of data analysis, but in addition, key data will be also used to understand the behaviour of consumers towards reuse packaging and schemes. So, during the project, data will be related to assessment of technical activities but also societal behaviours.

The origin of the data is an important characteristic to know. Three origins are listed:

Internal data are original data, produced by the consortium partners during the project life cycle. These data will be disclosed to the public as per Grant Agreement and according to the “as open as possible, as closed as necessary” FAIR principle.

External data are data produced outside the project and re-used by the consortium partners to achieve project goals. These data include (list non-exhaustive): publications, existing datasets, laws and regulations, existing processes.

Shared data are produced in community with BUDDIE-PACK sister projects (e.g. projects belonging to call HORIZON-CL6-2021-CIRCBIO-01) for promotional purpose, stakeholder engagement, and citizens’ awareness (visual aids, events...).

As introduced before the different type of data are defined in the following table:

Table 1: BUDDIE-PACK data categories

Category	Subcategory	File layout	Format	Origin	Expected size
Contacts	Consortium	Spreadsheets, text	.csv; .txt; .xls; xlsx	Internal, External	Up to a few MB
	Interviewed consumers/users				
	Targeted companies and end-users				
	Sister projects				
	Conference organisers				
	Other organisations interested in the project				
Research	Materials and processes	Spreadsheets, reports, rheological simulations	.csv; .txt; .xls; xlsx; .doc; .docx; .STEP; .png	Internal, External	Up to a few GB
	Mould and packaging designs	3D designs simulations	.3dm; .SLDASM; .SLDDRW; .SLDPRT; .STL; .jpg; .pptx	Internal	Up to a few GB
	Recyclability & Aging Methods and Protocols	Spreadsheets, reports, Word sheets, Powerpoint presentations	.xlsx, .docx, .pptx	Internal, External	Up to a few MB
	ICV data	Spreadsheets, reports	.csv; .txt; .xls; xlsx; .doc; .docx	Internal, External	Up to a few MB
	LCA/LCC/SIA	Spreadsheets, reports	.csv; .txt; .xls; xlsx; .doc; .docx	Internal, External	Up to a few MB
	Mass transfer properties and data	Spreadsheets, reports, calculation scripts	.csv, .xls, .xlsx, .ods, .txt, .doc, .docx, .m, .mat, .png, .pdf	Internal, external	Up to a few MB
	Microplastic release data	Spreadsheets, reports, images, spectra	.jpg, .tif, .xlsx, .pptx, .docx, .pdf, .txt, .l6s, .l6v, l6m	Internal	Up to a few MB

	VOC sniffing	Spectra, scripts, plots, reports	.csv; .txt; .xlsx; .docx; .pptx; .html	Internal	Up to tens of GB
	Regulations	Reports	.doc; .docx	Internal, External	Up to a few MB
	Surveys and questionnaires	Spreadsheets, reports	.csv; .txt; .xls; .xlsx; .doc; .docx	Internal	Up to a few MB
Communication and dissemination	Visual aids	Posters, presentations, illustrations, videos	.pptx; .pdf, .jpg, .mp4	Internal, Shared, External	Up to a few GB
	Logos	Images	.png; .eps; .png	Internal, Shared	Up to a few MB
	Events	Spreadsheets, text	.csv; .txt; .xls; .xlsx; .pdf	Internal, Shared	Up to a few MB
	Publications	Spreadsheets, text	.csv; .txt; .xls; .xlsx; .pdf	Internal	Up to a few MB
	Social media	Spreadsheets, text	.csv; .txt; .xls; .xlsx; .pdf	Internal	Up to a few MB

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The following table presents the main data set that were and are still foreseen to be produced during the project and the corresponding management strategy.

Table 2: Datasets projection

Partner	Dataset	Type of data	Storage	Confidentiality
IPC	Dataset of RPP characterisations (mechanical, physico-chemical, organoleptic, aesthetics)	Database of charact. data	IPC/FR. Storage shared with RTOs	Confidential, except contents of the project's deliverables and scientific articles
IPC	Process parameters for the injection molding of RPP in polymeric molds, rheological & simulations datasets	Database of processing data	IPC/FR	Confidential, except contents of the project's deliverables
ACTIA	Material vs cleaning efficiency, accelerated ageing, bulk contamination, functional properties & migration of chemicals and microplastics related data. Diffusion and partition coefficient of Tritan	Excel-like databases	Actia servers, France	Open
AIMPLAS	Dataset of processability analysis. Dataset of properties new packaging. Methodology for recyclability	Tables, excel, photos, Word files, reports, articles	BUDDIE-PACK share point AIM servers, ES	Confidential
USFD	<p>Participants responses to questions about the use of RPP , willingness to reuse containers with varying levels of se. as a function of (i) different types of information about the environmental benefit of reusing containers, and (ii) different penalties and incentives.</p> <p>Transcripts from interviews about packaging, accompanied shops, unboxing and online shopping tasks; and packaging diaries, including text, photos of packaging, videos and audio files from 15 UK households.</p> <p>Observational field notes (field diaries and opportunistic conversations with customers and serving staff) and focus groups (with regular and lapsed users</p>	SPSS and word format (e.g., for interview transcripts), excel files and SimaPro models. Image files supplied by participants.	USFD internal servers, Open Science Framework & UK Data Service ReShare	The anonymised datasets will be shared in open access repositories, following publication. This could be on the Open Science Framework and / or the UK Data Service ReShare material open access after completion of the project

	<p>who frequent venues where commercial partner is available) transcript from ethnographic research on at lunch on-the-go venues.</p> <p>Transcripts from interviews with ~25 key stakeholders in the food service industry and potentially other stakeholders in the value chain of a system for reusing (business-to-business) packaging for meat.</p> <p>Data on the (i) nature of penalties and incentives used to promote engagement with reuse/refill systems and (ii) levels of engagement with these systems from academic studies and commercial sites.</p> <p>Life Cycle Assessment data and models.</p>			(01.03.20206). This primarily covers the 15 UK households' material.
TUS	Bacteria adhesion to different nanostructures. Process parameters for the injection molding of RPP	Database of charac and processing data	Open research Europe	Open
CHRISTEYNS	Soiling and microbial characterization of used packaging, cleaning and disinfection protocols, cleaning tests, compatibility tests and microbiological analysis after cleaning and disinfection protocols.	Database of charac and processing data	Christeyns	Confidential, except contents of the project's deliverables
PLSM	Characterization of packaging material based on VOC patterns via mass spectrometry	Spectra, PLS/LDA scripts, excel files and reports, photos	Plasmion servers	Confidential, except contents of the project's deliverables

3. FAIR data

3.1 Making data findable, including provisions for metadata

The project members have access to a protected space on the SharePoint. This will be used for storing data that can be shared within the consortium. The structure of folders will be built up with care to facilitate for project partners to find the data they need access to. There is a user-friendly search functionality in the SharePoint. A guide on how to use the SharePoint has been released within the D9.2. Deliverables, agreements, and other formal documents (reports, films, etc) will be equipped with document histories and version numbers so that it will be easy to track changes made and assuring that the reader has the most recent version. This is to have one source of information and instructions for the project members.

3.2 Making data accessible

Data and results will be available within the consortium through the SharePoint. The security and arrangements of the SharePoint are described below in the section 6 "Data security".

BUDDIE-PACK project needs to keep some data confidential as they are of sensitive nature for parties participating in surveys, interviews etc. The consortium will, when required, make aggregated data and results in presentations, and reports available and still protect the business confidentiality. Anonymised data will be published in an open-source database. For project partners the issue on knowing what data and information that is to be kept confidential is regulated in the Consortium Agreement and, when necessary, discussed in General Assembly.

The identity of the project members is covered by a GDPR policy described in section 7 - Ethics. For this reason the identity of all persons contributing in any way to the project will be available within the consortium but not in reports and presentations external to the project. The organisation which they represent will bear the information in case there is no confidential limitation to this.

The identity of external participants, for surveys or workshops for instance, will also be covered by a GDPR policy. When personal data were needed (such as email addresses and/or other contact details of potential participants of social studies), all of the research conducted was considered and approved by the ethics committee at the University of Sheffield prior to collecting data. All ethics applications have been - or will be - forwarded to the project's Independent Ethics Advisor, who aware of this approach.

Apart from the data needing protection, most of the project's results will be publicly accessible in the project's deliverables and in open access publications, which aims to make the information easily accessible to SMEs and start-ups companies, since these companies have greater potential for the transition towards green economy.

BUDDIE-PACK developed a [public homepage](#). Here, visitors can access full version of all public deliverables and a short version of a selection of reports and presentations.

Different resources will be used to allow open access to project data, depending on their nature. Table 3 summarises the main sources of project data (public access).

Table 3: Main access for the project data

Data	Open Access location/criteria
Deliverables	HEu results platforms (e.g. Research and Innovation success stories , Horizon Results Booster), project website
Scientific publications	Zenodo or Gold Open Access, project website
Communication and dissemination materials (presentations, posters, images, videos, logos...)	Project Website , social media
Datasets	Zenodo, Open Science Framework, UK Data Service ReShare

For scientific publication, Gold open access must be granted in case the consortium opts for using the editor/journal repository.

3.3 Making data interoperable

Interoperability can be described as the ability of exchanging information between two or more systems. Interoperability of raw data between work packages has not been a problem for the progress of this project. When preparing deliverables, seminars, external communication activities, etc. results and data were and will be presented in a way that is comprehensive for the audience in question. Data generated throughout the project used and still will use standardised formats with the objective of facilitating the exchange and later use among the partners and different software. If information exchange is needed, the data will also be given clear naming, both inside and outside of the consortium. The metadata is stored at first on the BUDDIE-PACK SharePoint portal. The processed and published data will be available on the project homepage. Whenever possible interoperable file formats will be used, such as .CSV, .txt, etc. The project will re-use reports from other projects, refer to these, and project internal reports according to, but not limited to, referencing standards. For the Interoperability, the dataset will follow standards, vocabularies, and methodologies, whenever possible, allowing the data exchange between partners.

3.4 Increase data re-use

Similar requirements define data re-usability. To be re-usable, the consortium ensures that project data will be well-documented at different levels:

- **Project level:** it gives a broad view of the project, describing the goals of the study and the specificity of a given dataset, as well as the methodology (instrumentation, type of analysis),
- **File level:** it explains how all items in the dataset are related to each other,
- **Item level:** accurate description of the variables.

Non-confidential information (datasets, publication) will be publicly available. Ownership will be protected through Common Creative (CC) licenses.

4. Other research outputs

Digital outputs like workflows/protocols/models will be managed as the previously mentioned data. They will be summed up in reports as .docx for example and treated as other .docx data.

For physical research output, they will be described, photographed & documented and ultimately will have a digital existence as well. The physical objects shall be used as demonstrators for dissemination purposes.

5. Allocation of resources

Data management in the BUDDIE-PACK project is handled in all WPs. ACTIA is responsible for data management as part of the WP9. ACTIA has allocated a part of the overall WP9 budget and person months to these activities.

ACTIA asked the partners to fill up the excel file accessible in the SharePoint to follow up the production of data during the project and to better manage them. This updated follow-up document is added as an appendix to this document. Its living version will keep on being updated on the SharePoint until the end of the project.

There are no specific direct costs, related to data management within the project as well as indirect cost. The partner's organisations or authorities within each country will cover the overheads. No license fees for data management software have been included in the budget. Long-term preservation of data will be managed by the coordinator as following: shared data with the SharePoint will be maintained for one year after the end of the project. Data will be additionally maintained on SharePoint for one additional year and accessible on demand to IPC.

A separate DMP will be integrated in the business models. The data will be preserved at least the 5 years, as stated in the GA. Responsibilities lie with the WP leader in which WP the data are collected.

6. Data security

A copy of all project data will be stored on the project SharePoint (SP) platform, owned by IPC and hosted on protected servers in France (Paris and Marseille). SP is the project collaborative platform, access to which is granted only to verified consortium members. It is password protected and passwords are sent to the platform users through secured, encrypted emails. Besides, SP allows for automatic, daily backups avoiding that data are damaged or lost. Project data shall circulate on the SP platform and the consortium members MUST avoid sending data through emails, to minimize the probability of confidential and/or exploitable data leaks.

Every consortium member is bound by confidentiality. Information with third parties (not affiliated to any partners) shall be shared only after the signature of non-disclosure agreements (NDAs) and only if strictly necessary.

7. Ethics

Information on human participants within the Buddie Pack project was gathered following ethical approval from relevant committees (e.g. the host institutions of those conducting the specific research projects). The BUDDIE-PACK project handled a significant amount of data on human participants, primarily within WP2 which focused on social and behavioural innovation (e.g. more than 600 adult participants were reached during one of the

studies of consumers willingness to use RPP (Study 2 in our paper published in *Sustainability* <https://doi.org/10.3390/su16031322>).

Some of the studies with human participants involved collecting and processing personal data. For example, our research on views of reusable packaging for meat collected email addresses and/or other contact details of potential participants. However, all of the research that we conducted was considered and approved by the ethics committee at the host institutions prior to collecting data and all ethics applications have been - or will be - forwarded to our Independent Ethics Advisor. Personal data is stored in a password-protected spreadsheet accessible only to the research team and will be deleted once the project is complete. Only anonymous data is shared on open access platforms (e.g., the Open Science Framework) and individual participants are not identifiable in reports or publications that describe the research and its findings.

All data management was compliant with EU Regulation 2016/679, General Data Protection Regulation. The partner in charge of data management deployed GDPR-compliant tool and procedures. This includes a project internal GDPR content for project members as well as informed consent provided by any human participants (e.g., consumers, external stakeholders) contributing data through interviews, workshops, surveys etc.

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Appendix 1 - Data management follow-up table (February 2025's update)

Task	Type of data	Detailed description	Data creator	Data owner	Methodology for data generation	Format of the data	Storage of the data	Partner in charge of managing this data (collection, processing, storage, backups, GDPR etc.)?	Who else has access to data?
T1.1	Source material research	Overview of regulations regarding RPP for EU, France, Germany, Spain, Netherlands, UK & Hungary	IPC	IPC	Internet searches	.docx, .xlsx	IPC's private server & BUDDIE-PACK SharePoint	IPC	BUDDIE-PACK consortium
T1.4	Design data	Packaging design for Ausolan, Asevi, Dawn Meats & Vytal	ECHO	IPR in discussion	Internal method	.3dm, .jpg	Partner's private servers	IPR in discussion	BUDDIE-PACK consortium
T2.1	Observations & interviews	Vytal lunch on the go study	IPC (FR), USFD (UK), SB (DE)	USFD	Qualitative study using observations (field diaries and opportunistic conversations with customers and serving staff) and focus groups (with regular and lapsed Vytal users who frequent venues where Vytal is available) to explore social practices of reuse at lunch on-the-go venues.	.docx, .jpg, .m4a	USFD Internal Servers, BUDDIE-PACK Sharepoint	USFD	BUDDIE-PACK consortium
T2.1	Observations & interviews	Ethnographic study on consumer re-use and re-use sites of varying types.	USFD (UK)	USFD	The methodology consists of: (i) Packaging and task-based semi-structured interviews with consumers, which focussed on activities such as shopping and unpacking. (ii) Packaging diaries, in which participants were asked to document and reflect on packaging use over the course of a typical week, over WhatsApp or Email. (ii) Ethnographic observations, field note taking and semi-structured 'ethnographic chats' with staff and customers in supermarkets, cafes and takeaway businesses trialling reusable packaging systems. (iv) A focus group with users of a reusable takeaway packaging scheme.	.docx, .jpg	USFD Internal Servers & UK Data Service's ReShare platform (currently embargoed until end of project date)	USFD	BUDDIE-PACK consortium (if requested), and open access to registered users of the UK Data Service ReShare platform as of 01.03.2026.
T2.2	Interviews	Study exploring views on reusable packaging for	USFD (UK)	USFD	Semi-structured interviews based on the COM-B model with key stakeholders in the food service industry, to	.m4a, .docx	USFD Internal Servers, Open Science	USFD	BUDDIE-PACK consortium

		meat in the food service industry			understand barriers and enablers to adopting reusable packaging for raw meat.		Framework, Zenodo		(anonymised data only)
T2.3	Experimental data	Study examining the effects of information about cleaning on contamination concerns and willingness to use bowls that show sign of previous use	USFD (UK)	USFD	Online experimental study investigating the effects of cleaning information (original poster, revised poster, none) and viewing reusable bowls (yes/no) on contamination concerns and willingness to reuse bowls with various levels of staining (heavily stained, lightly stained, none)	.xlsx, .savx, .docx	USFD Internal Servers, Open Science Framework, Zenodo	USFD	BUDDIE-PACK consortium
T2.3	Experimental data	Study examining the effects of information about the environmental benefit of reuse and reuse systems on and willingness to use a reusable container for laundry detergent in a supermarket.	USFD (UK)	USFD	Online experimental study investigating the effects of information about the impact of personal reuse behaviour or reuse systems on environmental outcomes on willingness to use a reusable container for laundry detergent.	.xlsx, .savx, .docx	USFD Internal Servers, Open Science Framework, Zenodo	USFD	BUDDIE-PACK consortium
T2.3	Experimental data	Study examining the effects of penalties and incentives on and willingness to reuse containers.	USFD (UK)	USFD	Online experimental study investigating the effects of different penalties and / or incentives on willingness to reuse containers.	.xlsx, .savx, .docx	USFD Internal Servers	USFD	BUDDIE-PACK consortium
T2.3	Source material research	Characteristics of global reuse-refill systems that use material rewards and penalties.	USFD (UK), IPC (FR)	USFD	Internet searches to identify academic studies and commercial schemes, direct contact with commercial schemes to obtain consumer engagement data.	.xlsx, .docx	USFD Internal Servers, Open Science Framework, Zenodo	USFD	BUDDIE-PACK consortium
T3.1	Experimental data	Selection of materials: processing parameters, characterisation results	IPC	IPC	Internal methods for process parameters recording. Characterisations carried out according to ISO 14782 (Haze), NF EN ISO 1133-1 method B (Melt Flow Index), NF EN ISO 1628/5 (Viscosity in solution), ISO 15184 : 2020 (Hardness), NF EN ISO 178 : May 2019 (Flexion), NF EN ISO 179-1 : 2010 (Charpy impact test), ISO 15512 (B) (Water content). Internal methods for colorimetry, DSC, ash content, Dimensional stability.	.png, .xlsx, .docx, .pdf	IPC's private server	IPC, AIMPLAS	BUDDIE-PACK consortium (on demand)
T3.2	Simulation data	Rheological studies	IPC	IPC	Internal method (no applicable standard).	.pptx, .xlsx, .pdf, .jpg, .3dm, .docx	IPC's private server	IPC	BUDDIE-PACK consortium (on demand)
T3.2	Design data	Moulds design	IPC	IPR in discussion	Internal method (no applicable standard).	.pptx, .pdf,	Partner's private server	IPR in discussion	BUDDIE-PACK consortium

						.SLDASM, .SLDDRW / .SLDPRT, .STEP, .STL, .docx			(on demand)
T3.3, T6.1, T6.2, T6.5	Experimental data	Recycling tests results: process parameters, characterisation results, and resultant impact of ageing on recyclability evaluation	IPC	IPC	Internal methods for process parameters recording. Characterisations carried out according to ISO 14782 (Haze), NF EN ISO 1133-1 method B (Melt Flow Index), NF EN ISO 1628/5 (Viscosity in solution), ISO 15184 : 2020 (Hardness), NF EN ISO 178 : May 2019 (Flexion), NF EN ISO 179-1 : 2010 (Charpy impact test), NF EN ISO 306 (Vicat test), ISO 15512 (B) (Water content). Internal method for colorimetry, DSC, ash content, Oxydative Induction Temperature/Time, Dimensional stability, microscope observations	.docx, .xlsx, .pdf	IPC's private server	IPC	BUDDIE-PACK consortium (on demand)
T4.2	CBA data	Financial insights into business model of consortium member companies on their current packaging	SB	SB	Internal method (no standard applicable)	.docx	BUDDIE-PACK Sharepoint	SB	BUDDIE-PACK consortium
T5.1	Experimental data	Soiling and microbial characterization of used packaging, cleaning and disinfection protocols, cleaning tests, compatibility tests, microbiological analysis after cleaning and disinfection protocols.	Christeyns	Christeyns	Methodologies are described in Deliverable 5.1	.docx, .xlsx, .pdf, .jpg, .pptx	Christeyns sharepoint	Christeyns	BUDDIE-PACK consortium (on demand)
T5.1	Experimental data	Washing equipment description, cleaning tests description and results, microbiological results after cleaning and disinfection protocols,	ETERNITY Systems	ETERNITY Systems	Internal method to gather the data	.xlsx, .pptx, .pdf	ETERNITY Systems private server & BUDDIE-PACK SharePoint	ETERNITY Systems	BUDDIE-PACK consortium
T5.2	Experimental data	Characterisation of aged samples	IPC	IPC	Internal methods for μ FITR, surface energy, microscope observations	.fsm, .jpg, .xlsx, .pptx	IPC's private server	IPC	BUDDIE-PACK consortium (on demand)
T5.3	Experimental and bibliographic data	Migration properties of unaged and aged packaging, assessment of	CTCPA & LNE	CTCPA & LNE	Internal method for contamination tests. Internal method for migration tests (based on EU regulation / standard).	.jpg, .xlsx, .pptx, matlab©	CTCPA & LNE's private server	CTCPA & LNE	BUDDIE-PACK consortium (on demand)

		potential absorption of contaminants and barrier properties			Internal method for migration kinetic monitoring. Internal method for chemical analysis migration modelling.	script, matlab@ database			
T5.4	Experimental and bibliographic data	Risk assessment related to microplastics release: development of a test bench to collect microplastics from unaged and aged packaging, characterisation of the microplastics (morphology, chemical nature, number) using Raman microscopy	LNE	LNE	Internal method for analysis of microplastics using Raman microscopy	.jpg, .tif, .xlsx, .pptx, .docx, .pdf, .txt, .l6s, .l6v, .l6m	LNE's private server	LNE	BUDDIE-PACK consortium (on demand)
T5.5	Experimental data	Final washing equipment description	ETERNITY Systems	ETERNITY Systems	Internal method (no standard applicable)	.xlsx, .pptx, .pdf	ETERNITY Systems private server & BUDDIE-PACK SharePoint	ETERNITY Systems	BUDDIE-PACK consortium
T6.1, T6.2, T6.3	Experimental data	Final cleaning and disinfection protocol, microbiological results after each cleaning	ETERNITY Systems	ETERNITY Systems	Internal method to gather the data	.xlsx, .pptx, .pdf	ETERNITY Systems private server & BUDDIE-PACK SharePoint	ETERNITY Systems	BUDDIE-PACK consortium
T7.2	Source material research	Data collection for preliminary LCA and LCC	IPC, USFD	IPC, USFD	The methodologies are described in Deliverable 7.1	.xlsx, .docx	IPC's private server & Simapro account, BUDDIE-PACK Sharepoint	IPC, USFD	BUDDIE-PACK consortium (on demand)
T7.2	Simulation data	Preliminary LCA and LCC	IPC, USFD	IPC, USFD	The methodologies are described in Deliverable 7.1	.xlsx, .pptx, .pdf	IPC's private server & Simapro account, BUDDIE-PACK Sharepoint	IPC, USFD	BUDDIE-PACK consortium (on demand)

Task	Type of data	Detailed description	Will the data be publicly available?	How Comply With GDPR (Ethics and Legal Compliance)?							Links to further information
				Does the data include personal data collection and /or processing ?	Does the data involve sensitive personal data?	Does the data involve tracking or observation of participants ?	Does the data involve further processing of previously collected personal data ('secondary use')?	Have informed Consent Forms (ICF) been used ?	How the identity of participants will be protected if required? (NR if "Not Required")	Does a Data Protection Certificate (DPC) exist?	
T1.1	Source material research	Overview of regulations regarding RPP for EU, France, Germany, Spain, Netherlands, UK & Hungary	Yes, the summary was analysed and disclosed in Deliverable D1.1	No	No	No	No	No	NR	NR	The resulting deliverable (D1.1) has been validated by the EC and is available on the project's website
T1.4	Design data	Packaging design for Ausolan, Asevi, Dawn Meats & Vytal	Yes, the pictures of the designs will be disclosed in Deliverable D1.4	No	No	No	No	No	NR	NR	The resulting deliverable (D1.4) is to be assessed by the EC and, once validated, will be available on the project's website
T2.1	Observations & interviews	Vytal lunch on the go study	Yes, the summary was analysed and disclosed in Deliverable D2.1	Yes	No	No	Yes	Yes	Anonymisation	No	The resulting deliverable (D2.1) is to be assessed by the EC and, once validated, will be available on the project's website

T2.1	Observations & interviews	Ethnographic study on consumer re-use and re-use sites of varying types.	Yes, from 01.03.2026 the data will be accessible by registered users of the UK Data Service ReShare platform. Parts of transcripts and images will feature in academic publications.	Yes	No	No	No	Yes, apart from where members of the public have been observed. This has been covered in the relevant ethical approval gained from USFD.	Anonymisation of data	No	The resulting deliverable (D2.1) is to be assessed by the EC and, once validated, will be available on the project's website
T2.2	Interviews	Study exploring views on reusable packaging for meat in the food service industry	Yes, interview transcripts will be analysed and written up for publication in an academic journal. Anonymised interview transcripts will be made available on the Open Science Framework and Zenodo	Yes	No	No	No	Yes	Interview recordings will be transcribed and then deleted. All personally identifiable information will be redacted from transcripts prior to analysis and data sharing.	No	Publications of the project will be available through the project's website .
T2.3	Experimental data	Study examining the effects of information about cleaning on contamination concerns and willingness to use bowls that show sign of previous use	Yes, the data has been written up as part of a paper that was published in the journal Sustainability and findings included in BUDDIE-PACK D2.1 and D2.2. The full dataset is available on the Open Science Framework and Zenodo	Yes	No	No	No	Yes	Data collected anonymously	No	Link to academic publication (https://doi.org/10.3390/su16031322), Links to draft deliverables D2.1 and D2.2 , Links to dataset on Open Science Framework (https://osf.io/gj7pq) and Zenodo (https://zenodo.org/records/12511442)

T2.3	Experimental data	Study examining the effects of information about the environmental benefit of reuse and reuse systems on and willingness to use a reusable container for laundry detergent in a supermarket.	Yes, the data has been written up as part of a paper that was published in the journal Sustainability. The full dataset is available on the Open Science Framework.	Yes	No	No	No	Yes	Data collected anonymously	No	Link to academic publication (https://doi.org/10.3390/su16156599), Links to dataset on Open Science Framework (https://osf.io/4k5j9/files/osfstorage/668be927a5387a0709a3c702)
T2.3	Experimental data	Study examining the effects of penalties and incentives on and willingness to reuse containers.	Probably. Currently part of an undergraduate research project.	Yes	No	No	No	Yes	Data collected anonymously	No	Publications of the project will be available through the project's website .
T2.3	Source material research	Characteristics of global reuse-refill systems that use material rewards and penalties.	Yes - data will be written up and published in an academic journal.	Yes	No	No	Yes	No	Representatives of commercial businesses that contribute data to the review will be given the option for their business/site to be anonymised in the write-up of the report.	No	Link to study pre-registration on the Open Science Framework (https://osf.io/3t9ca/), publications of the project will be available through the project's website .
T3.1	Experimental data	Selection of materials: processing parameters, characterisation results	Yes, the exploited data will be disclosed in Deliverable D3.1	No	No	No	No	No	NR	NR	The resulting deliverable (D3.1) is to be assessed by the EC and, once validated, will be available on the project's website
T3.2	Simulation data	Rheological studies	Yes, the exploited data will be disclosed in Deliverable D3.2	No	No	No	No	No	NR	NR	The resulting deliverable (D3.2) is to be assessed by the EC and, once validated, will be available on the project's website
T3.2	Design data	Moulds design	Yes, the exploited data will be disclosed in Deliverable D3.2	No	No	No	No	No	NR	NR	The resulting deliverable (D3.2) is to be assessed by the EC and, once validated,

											will be available on the project's website
T3.3, T6.1, T6.2, T6.5	Experimental data	Recycling tests results: process parameters, characterisation results, and resultant impact of ageing on recyclability evaluation	Yes, the exploited data will be disclosed in Deliverables D3.3, D6.1, D6.2 and D6.5	No	No	No	No	No	NR	NR	The resulting deliverables (D3.3, D6.1, D6.2, D6.5) are to be assessed by the EC and, once validated, will be available on the project's website
T4.2	CBA data	Financial insights into business model of consortium member companies on their current packaging	Yes, the exploited data will be disclosed in Deliverable D4.2	No	No	No	Yes	No	NR	No	The resulting deliverable (D4.2) is to be assessed by the EC and, once validated, will be available on the project's website
T5.1	Experimental data	Soiling and microbial characterization of used packaging, cleaning and disinfection protocols, cleaning tests, compatibility tests, microbiological analysis after cleaning and disinfection protocols.	Yes, the exploited data will be disclosed in Deliverable D5.1	No	No	No	No	No	NR	NR	The resulting deliverable (D5.1) is to be assessed by the EC and, once validated, will be available on the project's website
T5.1	Experimental data	Washing equipment description, cleaning tests description and results, microbiological results after cleaning and disinfection protocols,	Yes, the summary will be disclosed in Deliverable D5.1	No	No	No	No	No	NR	NR	The resulting deliverable (D5.1) is to be assessed by the EC and, once validated, will be available on the project's website
T5.2	Experimental data	Characterisation of aged samples	Yes, the exploited data will be disclosed in Deliverable D5.2	No	No	No	No	No	NR	NR	The resulting deliverable (D5.2) is to be assessed by the EC and, once validated, will be available on the project's website
T5.3	Experimental and bibliographic data	Migration properties of unaged and aged packaging, assessment of potential absorption of	Yes, the exploited data will be disclosed in Deliverable D5.3	No	No	No	No	No	NR	NR	The resulting deliverable (D5.3) is to be assessed by the EC and, once validated,

		contaminants and barrier properties									will be available on the project's website
T5.4	Experimental and bibliographic data	Risk assessment related to microplastics release: development of a test bench to collect microplastics from unaged and aged packaging, characterisation of the microplastics (morphology, chemical nature, number) using Raman microscopy	Yes, the exploited data will be disclosed in Deliverable D5.4	No	No	No	No	No	NR	NR	The resulting deliverable (D5.4) is to be assessed by the EC and, once validated, will be available on the project's website
T5.5	Experimental data	Final washing equipment description	No, the summary will be part of the Deliverable D5.5 but its dissemination level is sensitive and will be restricted to the members of the consortium (including the Commission Services)	No	No	No	No	No	NR	NR	-
T6.1, T6.2, T6.3	Experimental data	Final cleaning and disinfection protocol, microbiological results after each cleaning	Yes, the summary will be disclosed in WP6 Deliverables	No	No	No	No	No	NR	NR	The resulting deliverables (D6.1, D6.2, D6.3) are to be assessed by the EC and, once validated, will be available on the project's website
T7.2	Source material research	Data collection for preliminary LCA and LCC	The data on the packaging value chain will be disclosed in Deliverable D7.2. The data on companies (OPEX, CAPEX, electricity consumption) is not made available if asked by partners.	No	No	No	No	No	NR	NR	The resulting deliverable (D7.2) has been validated by the EC and is available on the project's website
T7.2	Simulation data	Preliminary LCA and LCC	Yes, the exploited data will be disclosed in Deliverable D7.2	No	No	No	No	No	NR	NR	The resulting deliverable (D7.2) has been validated by the EC and is available on the project's website