

NeoGIANT

The power of grape extracts: antimicrobial and antioxidant properties to prevent the use of antibiotics in farmed animals: 101036768

D9.6

Due date of deliverable: 31/12/2022

Actual submission date: 20/12/2022



**Horizon 2020
European Union Funding
for Research & Innovation**

TABLE OF CONTENTS

TABLE OF CONTENTS	1
PROJECT INFORMATION.....	2
DELIVERABLE DETAILS.....	3
Glossary	4
1 Executive summary	4
2 Scope	5
3 Definition of the strategy	5
3.1 First contact with the standardization technical committees	6
3.2 Subsequent interaction with the standardization technical committees	6
3.3 Standardization process	7
4 Implementation.....	8
4.1 First contact with the standardization technical committees	8
4.2 Subsequent interaction with the standardization technical committees	9
4.3 Standardization process	9
4.4 Summary of the implementation	9

PROJECT INFORMATION

Project full title: The power of grape extracts: antimicrobial and antioxidant properties to prevent the use of antibiotics in farmed animals

Acronym: NeoGiANT

Call: H2020-LC-GD-2020-4

Topic: LC-GD-6-1-2020

Start date: 1st October 2021

Duration: 48 months

List of participants:

No.	Acronym	Participant organisation name	Country
1 (Coord)	USC	Universidade de Santiago de Compostela	Spain
2	MRI	Moredun Research Institute	United Kingdom
3	IBPRS	Instytut Biotechnologii Przemysłu Rolno-Spożywczego im. prof. Wacława Dąbrowskiego	Poland
4	VRI	Veterinary Research Institute	Czech Republic
5	MATE	Nemzeti Agrárkutatási és Innovációs Központ	Hungary
6	FUB	Freie Universität Berlin	Germany
7	FCUP	Universidade do Porto – Faculdade de Ciências	Portugal
8	ULL	Universidad de La Laguna	Spain
9	UNE	Asociación Española de normalización	Spain
10	JU	Jihočeská Univerzita	Czech Republic
11	CONICET	Consejo Nacional de Investigaciones Científicas y Técnicas	Argentina
12	ASAJA	Asociación Agraria de Jóvenes Agricultores	Spain
13	ATM	Anitom S.L	Belgium
14	i-GRAPE	i-GRAPE	Spain
15	CTA	Contactica S.L	Spain
16	NUS	Nutrition Science	Belgium
17	CZV	CZ VACCINES	Spain
18	LBE	LIFEBIOENCAPSULATION SL	Spain
19	BIAN	BIANOR BIOTECH	Spain
20	MAGA	MAGAPOR S.L.	Spain

DELIVERABLE DETAILS

Document Number:	D9.6
Document Title:	1st Report on the contribution to standardization
Dissemination level	PU – Public
Period:	M7-M15
WP:	WP9
Task:	Task 9.4
Author:	UNE, Spanish Association for Standardization
Abstract:	<p>D9.6 is the “First Report on the contribution to standardization” and defines an initial strategy for the contribution to standardization from NeoGiANT, which will be refined in subsequent reports (D9.7 at M30 and finally D9.8 at M48) collecting the actions performed for the contribution to standardization from NeoGiANT and the results obtained.</p> <p>D9.6 is part of Task 9.4 “Standardization activities” and is based in the conclusions of D 9.5 “Standardization landscape and applicable standards” that included the information on the relevant existing and ongoing standards and the relevant standardization technical committees to facilitate the use of existing knowledge and the compatibility and the interoperability of the results.</p>

Version	Date	Change
V1	2022-12-21	

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The views and opinions expressed in this document reflect only the authors' views, and not necessarily those of the European Commission.

GLOSSARY

CENELEC (CLC)	European Committee for Electrotechnical Standardization
CWA CEN-CENELEC	Workshop Agreement
EN	European Standard
IEC	International Electrotechnical Commission
ISO	International Organization for Standardization
NSB	National Standardization Body
SC	Subcommittee
TC	Standardization Technical Committee
TR	Technical Report
TS	Technical Specification
UNE	Spanish Association for Standardization

1 EXECUTIVE SUMMARY

D9.6 is the “First Report on the contribution to standardization” and defines an initial strategy for the contribution to standardization from NeoGiANT, which will be refined in subsequent reports (D9.7 at M30 and finally D9.8 at M48) collecting the actions performed for the contribution to standardization from NeoGiANT and the results obtained.

The transfer of the results of NeoGiANT to standards that are widely recognized by the industry and that are developed in a system external to the Consortium (EN/CLC/ISO/IEC) will ease the market uptake of these results and their impact beyond the duration of the project. Additionally, the standardization system is used as a targeted dissemination channel towards the stakeholders represented in the standardization committees.

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The Spanish Association for Standardization (UNE), as National Standardization Body (NSB), member of CEN-CENELEC and of ISO-IEC, is a partner of NeoGiANT to provide support regarding the standardization tasks included in the project under WP9 “Market, Exploitation & Legal requirements”.

2 SCOPE

This deliverable D9.6 “First Report on the contribution to standardization” defines a strategy for the contribution to standardization from NeoGiANT. It includes the steps towards a successful contribution to standardization, the actions for its implementation and a tentative schedule.

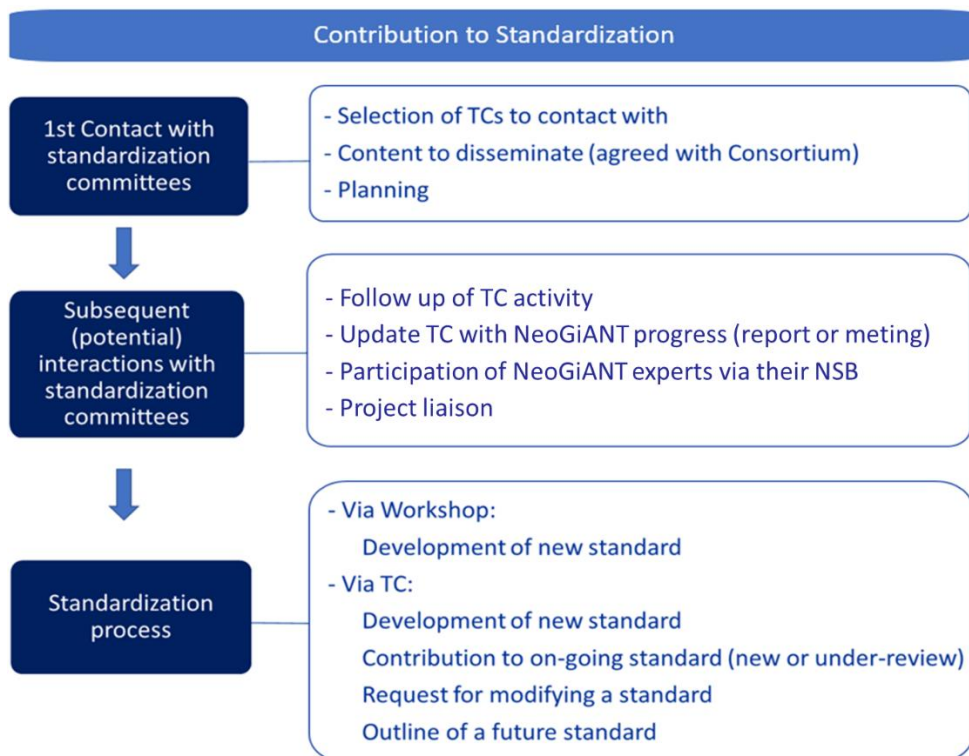
Its content will be updated with the progress of the different actions and its outcomes resulting in an intermediate deliverable at M30 (D9.7) and a third report on the contribution to standardization at M48 (D9.8).

The schedule of the actions described in this document is open to changes according to the progress of the project and the standardization landscape.

3 DEFINITION OF THE STRATEGY

The contribution to standardization of NeoGiANT is based in the interaction with the relevant Standardization Technical Committees and in the initiation of a standardization process. The strategy comprises the actions represented in Figure 1.

Figure 1 - Strategy for the contribution to standardization of NeoGiANT



The different steps are explained below.

3.1 First contact with the standardization technical committees

The objectives of this first contact is to raise awareness about NeoGiANT among the relevant standardization committees and to ease subsequent contacts. Different categories of stakeholders at European/international level are present in these committees, so the standardization system is used as a targeted dissemination channel. Feedback will be asked to gather any view, opinion or advise about the project and the standardization possibilities or needs. Additionally, this first contacts will be useful to determine the best path towards the initiation of a standardization process, moreover this first step will ease future contacts if this process is launched within a standardization committee.

3.2 Subsequent interaction with the standardization technical committees

Different relationships can be established with the relevant CEN/CENELEC, ISO/IEC technical committees. Two factors determine the more suitable interactions: the impact/relevance of the standardization works of the standardization committees and the feasibility of initiating a standardization process within a standardization committee (versus initiating the standardization process within a standardization workshop, details are given below). The ways of interaction of the project with the standardization committees include:

1. Follow-up the activity of the relevant standardization committees. This allows to detect the initiation of standardization works that can be relevant for NeoGiANT and the progress of significant existing under-development standards. This is achievable through a periodical monitoring of the standardization activity explained in D9.5.
2. Further contact with the standardization committees to update the progress of NeoGiANT. This is achievable by delivering reports, by attending relevant technical committees' meetings or by joint events. On the one hand, this action contributes to further dissemination of the project and can guide the initiation of the standardization process, on the other hand this further contact is mandatory towards the standardization committees directly covering (if it where the case) the subject that will be promoted by NeoGiANT to undergo a standardization process.
3. The participation of one or more NeoGiANT partners in the standardization technical committees. Standardization is an open activity, and all interested parties may participate in the technical committees through the designation of their National Standardization Body. This option allows for a deeper follow-up of the activity of a standardization committee and is valuable if the standardization process is going to be initiated within the standardization committee. Some of the partners are already participating in some of the identified standardization committees.
4. The establishment of a formal liaison of NeoGiANT with the standardization committees. It is recommended only when the work of the standardization committee is closely linked with the main goals of the project and a direct technical contribution from the project is expected. The figure of project liaison is recognized in CEN/CENELEC but it doesn't exist in ISO/IEC.

3.3 Standardization process

The main objective of the standardization activities in NeoGiANT is to facilitate the market acceptance of the results by transferring these results and findings to standards that have a wide recognition in the market. With the collaboration of the relevant partners the feasible results to go through a standardization process will be identified. Different options to contribute to standardization shall be considered depending on the kind of the results (nature, availability and IPR) and the standardization context (existence of closely related standards and reactions of the standardization committees):

1. **Development of a new standard within a standardization workshop.** A standardization workshop is a group of entities with a common interest in developing a standard about a specific issue. It is the equivalent figure to the standardization committee but the number of participants is typically smaller and the working procedures faster and more flexible. A standardization workshop is created when there is a need of developing a precise standard in an innovative field that is not covered by the existing standardization committees or when these committees are not interested in developing such standard (e.g. it does not fit in their work programme). If the subject is close to the field covered by a standardization committee it shall be informed and allow for the launching of the standardization workshop.

Considering that the standardization workshop option is interesting for NeoGiANT mainly in the European environment, the standardization workshop will be named hereinafter as CEN Workshop or CENELEC Workshop. The standard produced by a CEN/CENELEC Workshop is called CEN Workshop Agreement or CENELEC Workshop Agreement, typically named as CWA. The nature and timeline for the development of CWAs is very suitable for the framework of the R&I projects.

2. **Standardization within a standardization committee.** It may be interesting or needed that the results of NeoGiANT to go through the standardization process are standardized within a standardization committee. The possible scenarios are:
 - a. Development of a new standard within a standardization committee. When there is a result of NeoGiANT to be promoted to a standard in a field covered by a standardization committee and such committee decides to include this development in its work programme. The resulting standard would have the support of the standardization committee but the work shall be adapted to the internal timeline of such standardization committee and could go beyond the timeframe of the project.
 - b. Contribute to an on-going standard. As a consequence of the monitoring of the standardization landscape it may be found that the results of NeoGiANT are covered by an on-going standard but that these results do not fit in the current draft of the standard. Gaps in standards may be found in both, standards that are being developed from a new initiative and standards already published that are going under a review process towards a new version.
 - c. Request the modification of a standard that is not under development or review. The gap may be found also in published standards that are not under any work within the standardization committee. In this case, a fully justified modification request can be made to the standardization committee.

d. Outline of a future standard. Only when there is not a clear view on a full roadmap for the contribution to standardization (such as lack of agreement within the Consortium or lack of the expected results).

4 IMPLEMENTATION

The actions and approach to be performed for the implementation of the each of the steps of the strategy described in clause 3 are detailed next.

4.1 First contact with the standardization technical committees

Table 1 includes the standardization committees identified in D9.5 and those proposed for contacting with the objectives described in 3.1. The rest of them are just considered useful in terms of compatibility of the developments of NeoGiANT.

It should be noted that after a deep study and search, the technical committees and standards identified are not specifically related to the project objectives. This is because of the subject of the project is not currently standardised.

This situation opens up opportunities to propose future standards in new fields and also standards related with the project results, that could be of interest for the industry.

In any case, it is important to contact the technical committees in order to have their feedback, proposals or ideas to contribute to or develop a standardisation document and to engage the relevant NeoGiANT project partners.

Furthermore, any standardization need that may be identified through the clustering actions with EU Platforms and initiatives within WP10 and the feedback from interested stakeholders will also be considered.

Table 1 Identification of standardization committees to be contacted

Topic	Standardization Technical Committee	To be contacted
Characterization of Food & Feed product	CEN/TC 327 Animal feeding stuffs - Methods of sampling and analysis	Yes
	CEN/TC 411 Bio-based products	Yes
	ISO/TC 34 'Food products'	No
Assessment of the antimicrobial activity	CEN/TC 275 Food analysis - Horizontal methods	Yes
	ISO/TC 212 'Clinical laboratory testing and in vitro diagnostic test systems'	Yes
	ISO/TC 147/SC 5 Water quality. Biological methods	No
Production: Semen and artificial insemination of animals	ISO/TC 34 'Food products'	Yes
	ISO/TC 212/WG 1 "Quality and competence in the medical laboratory"	No

UNE will contact the Secretary of each selected standardization committee. The support of the Coordinator/Partners of NeoGiANT will be needed to summarize the relevant progress and validate the information to disseminate avoiding any confidential content.

These first contacts are foreseen at M20.

4.2 Subsequent interaction with the standardization technical committees

The implementation of the actions described in 3.2 starts with the monitoring of the work of the standardization committees identified in D9.5. This surveillance will also include the analysis of European standardization workshops. The monitoring of the relevant standardization activity will be continuous during the duration of NeoGiANT.

The standardization committees included in Table 2 will be updated with the relevant progress in NeoGiANT. This will be done by updating the information provided in the first contacts and, at the same time, keeping open the possibility of attending to a meeting of the standardization committee if feasible for interaction.

The programming of this updates depends on the reactions to the first contacts and on when the relevant outcomes of NeoGiANT are delivered.

At the same time, if an opportunity for a face to face interaction arises, it would be done when feasible. The implication of the Coordinator/Partners may be needed for explaining the technical details.

Further interaction with the standardization committees (participation of members of NeoGiANT in these committees and the consideration of a project liaison) will be determined according to the outcomes of the described communications and the approach of the standardization process described in 3.3.

4.3 Standardization process

Based in the identification of standardizable results, in the standardization landscape at the moment (result of the interaction with the standardization committees and the monitoring of their standardization works) and the progress of the project, the most suitable roadmap among the options described in 3.3 will be selected and conducted.

A dedicated standardization session to work on the identification of the standardizable results and the election of the roadmap is foreseen in NeoGiANT. This session could take place during a physical project meeting or on-line. A tentative date for this standardization session is M25.

The standardization process is considered very valuable for the market uptake of the results of NeoGiANT and for the impact of the project beyond the financing period. The decisions taken, the actions performed, and the results obtained will be properly reported in D9.7 and D9.8.

4.4 Summary of the implementation

Taking into account all the previously presented information, the summary of the tentative dates and the responsible for the actions are included in Table 3.

Table 3 – Summary of the actions in the strategy towards a contribution to standardization

Action	Responsible	Month
First contacts with the standardization committees in Table 1	UNE (Content provided by the Coordinator)	M20
Supervision the standardization landscape	UNE	Continuous
Provision of updated report/information to the standardization committees identified in Table 1	UNE (Content provided by the Coordinator)	Whenever it is demanded
Interaction with the relevant standardization committees (virtual or face to face meeting)	UNE and Coordinator/Partners	When relevant
Dedicated standardization session	UNE	M25
Standardization process	UNE and Coordinator/Partners	M26-M48