

ePROSECCO: HISTORICAL, CULTURAL, APPLIED PHILOSOPHY ANALYSIS AND PROCESS, PRODUCT AND CERTIFICATION INNOVATION, FOR THE "SUSTAINABLE ORIGINAL PROGRESS AND PROMOTION 4.1C" OF A HISTORIC AND FAMOUS TERRITORY AND WINE

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Abstract:

According to the algorithm "A step back towards the future 4.1C", (Cargnello, 1986a, 1987d, 1988a.b, 1991, 1993, 1994b, 1995, 1999a.e, 2000b, 2007c, 2008a, 2009d, 2013; and according to the principles of "Charter of Sustainable Viticulture BIO-MetaEthics 4.1CC" of GiESCO (Carbonneau and Cargnello, 2003 2015, 2017), the historical, applied philosophy and productive analysis connected to the innovations and to the "Certification of the Universal Holistic MetaEthical Sustainability 4.1C" "indexed new global production model 4.1C" has always been fundamental, especially for the "Prosecco Territory" and for the "Prosecco Wine" to design and implement their synergistic future "Sustainable and Certificable 4.1CC" according to the principles of the "Charter of Sustainable Viticulture BIO-MetaEthics 4.1CC" by the GiESCO (Carbonneau and Cargnello, 1c, Cargnello et Carbonneau, 2007, 2018), and of the Conegliano Campus 5.1C. (Cargnello, 1c).

Nowadays, people think that Prosecco is a wine from the Veneto Region (from Conegliano and Valdobbiadene in particular), while it comes from Friuli-Venezia Giulia Region (in North Eastern Italy, such as Veneto) more precisely from "Prosecco" in the Municipality of Trieste (TS-Italy), as documented in 1382 and in 1548, when Pier Andrea Mattioli, described "that ancient wine, which is born in Prosecco", as a wine with the following characteristics "thin, clear, shiny, golden, odorous and pleasant to taste». In 1888 at the "Wine Fair" of Trieste there were the "Sparkling wine Prosecco" by Giovanni Balanc, by Giuseppe Klampferer and that one by Marino Luxa. In the 19th century, many expressed their appreciation for the "Prosecco" of Trieste.

In order to implement intra and extra territorial and cross-border relations, as well as, the "Certification of: Products, Companies, Territory, Bio-MétaÉthique District 4.1C" of Prosecco, a series of activities and researches were conducted in 8 companies: 5 in the "Territory of Prosecco" (TS) in which the principles of "Charter of Sustainable Viticulture BIO-MetaEthics 4.1CC" of GiESCO (Carbonneau and Cargnello, 1c) have been successfully applied. In particular:

- 1- new and original "Sustainable 4.1C global production model" developed also to prevent the problems caused by wild boar, roe deer, and birds while safeguarding their "psychophysical wellness", as well as the "psychophysical wellness 4.1C" of the macro and micro flora and fauna, of the biodiversity, of the landscape, etc. (Cargnello, 1c), 1.2- chemical weed control and "Non MetaEthics 4.1C" processing with the total grass growing of the ground without or with mowing, better if it is manual to protect grass, air and soil,
- 2- recovery of "Historic": land, vineyards, vines, biodiversity, landscapes, productions, products, ... ,
- 3- production of the famous "Prosecco", also rosé, of Prosecco" and "Prosecco di Prosecco", according to "A step back towards the future 4.1C"
- 4- to offer a deserved psychophysical well-being to the "Prosecco Territory" and entrepreneurs.

Keywords: Prosecco, history, culture, applied philosophy, gmet, new production models 4.1C, new certification sustainability 4.1CC

1. Introduction

Premise

"Go back to the future 4.1C" is the acronym of this work.

Therefore being in Thessaloniki we should start from Aristotle and finding myself at GiESCO, at the "International Academy of Vine and Wine" and in the presence of so many worthy colleagues and gentlemen among whom the still President GiESCO Alain Carbonneau we should explain the determinant contribution given by these colleague for a long time, but let us start from the aspects that currently most interest the scientific world and above all the "socio-cultural" and operational ones. Let's start by saying that for a long time and in unsuspected epochs we believed that in order to think, design, create, produce, judge, enhance, protect, improve, ... : an activity, a production, a product, in short, everything and everyone in a sustainable way does not sectoral, limited, unsatisfactory, but sustainable according to a "Universal Holistic Sustainability MetaEthics 4.1C" or "MetaEthics Sustainability 4.1C" or "Sustainability 4.1C" and the relative certification and guarantee was and is fundamental to have: **1**-of an applied philosophy, of a methodology, of an algorithm, of a reference production model that considers and includes materialized and immaterial, physical and metaphysical, spiritual and non-spiritual descriptors of believers and non-believers, of atheists, of the "atheist believers", the: theologians, philosophers, psychologists, sociologists, moralists, humanists, writers, environmentalists, economists, politicians, administrators, entrepreneurs, technicians, of the "humanae sàpere", "MetaEthics 4.1C", ethical, existential for man and for all the other living beings of the animal and plant kingdom, including: fungi, protists, mountains, and existential for the mineral, landscape, diversity, all diversity, etc., not anthropized and "anthropized" naturally and / or artificially, first, never seen which, too, go beyond the imaginable, beyond "the earth, the skies, the universes, the multi-verses", social, occupational, environmental, economic, technical and well-being, well-being, well-being, well-being of the entrepreneur's psychophysics, society, micro and macro fauna and micro and macro flora, wild boar, roe deer, hares, deer, birds and grasses included. (Cargnello,1986a,1987d,1988a.b,1991,1993,1994b,1995, 1999a.e,2000b, 2007c,2008a,2009d,2013; Carbonneau et Cargnello, 2003; Cargnello et Carbonneau, 2007, 2018; Cargnello et Col. 1999,2001c.g,2009,2012,2014a.g,2017; Gay.Eynard et Col., 2001; Lisa e Col., 1991, Liuni e Col., 1978; Persuric and Col. 2007). This universally sustainable "MetaEtically 4.1C Sustainable 4.1C Production Model" of reference exists and is that of the so-called "Great Chain MetaEthics 4.1C" (Cargnello,1986a, 1994b, 1999a.e,2009d; Carbonneau et Cargnello, 2003; Cargnello et Carbonneau, 2007a, 2018).In these activities and research we have involved over 4000 Italian and non-Italian gentlemen who go from the world of research (theologians, philosophers, psychologists, sociologists, moralists, humanists, writers, environmentalists, economists, politicians, administrators, entrepreneurs, technicians, ...) to simple, humble but cultured, enlightened and enlightening citizens (the "humanae sàpere") and we have analyzed over 180000 items related to the descriptors above ("descriptors" of the first level). These more than 180000 elements of the first level in the form of a funnel have been gradually grouped up to the following groupings related to the technical, economic, environmental, social, existential, ethical, "Metaetic 4.1C" descriptions and in the end these descriptors have been grouped in a single global, overall descriptor, related to the "Sustainability Universal Holistic BIOMetaEtica 4.1CC", (Cargnello, see GiESCO 2019), **2**-of a certification and a guarantee that eliminates the known problems caused by the so-called "Indirect Certifications and Guarantees", (certifications that represent the totality of the existing ones), among other things related:1-to the conflict of interests, 2-to the unacceptable impositions of the protocols and regulations, 3-to the unacceptable bureaucracy, 4-to the unacceptable direct and indirect costs, 5-to the "confusion" in relation to "Sustainability", "Certification", "Guarantee". As noted these problems have also been overcome by applying the "Direct Certification and Direct Guarantee of Sustainability Universal Holistic MetaEthicas 4.1C ". This "Universal Holistic Certification MetaEthics 4.1C" and "Universal Holistic Guarantee MetaEthics 4.1C" of the "Sustainability 4.1C" exists and is as is the so-called "Direct Certification and Direct Guarantee of Universal Holistic MetaEtica Sustainability 4.1CC", (Cargnello, see GiESCO 2019), **3**-of an adequate information, training and communication activity and in particular "Politics" already started within the "Direct Certification 4.1C" and "Direct Guarantee 4.1C" of "Direct Sustainability 4.1C" of the "International Project on Universal Direct Sustainability Holistic BioMetetics 4.1CC Free in the Holistic Universal Natural Democratic Conditioning MethaEthics 4.1CDQ" according to the so-called:"Great Metahetic Chain 4.1C" of the Conegliano Campus 5.1C", (Cargnello, see GiESCO 2019). Thanks to these activities and research of ours we currently have the most disparate "Certificate BIOMétaÉthique 4.1C" of activities, productions, products, parks, landscapes, villages, citadels, districts, ... : productive, cultural, social, educational, informative, educational, for communication, for marketing "BIOMétaÉthique 4.1C",

(Cargnello, see GiESCO 2019). To achieve this from the scientific and applicative point of view and coherently with this vision and with this premise we have carried out basic and applicative researches that have brought us into an indexed harmonic chain: **1**-to define, above all, together with Carbonneau, Intriери, Cescon, d. Dassiè, Milanese, Floriani, Forno, De Marco, Bisoffi, Scaggiante, Buattini, Lunardelli, ... and as we said, over 4000 Italian and non-Italian gentlemen who go from the world of research (theologians, philosophers, psychologists, sociologists, moralists, humanists, writers, environmentalists, economists, politicians, administrators, entrepreneurs, technicians, ...) to the simple, humble but cultured, enlightened and enlightening citizens (the "humanae sàpere") the "International Project on Universal Holistic BIOMétaÉthique Sustainability 4.1CC "related to the realization of activities, productions, products, parks, landscapes, villages, citadels, districts, ..." Certificates and Guarantees BIOMétaÉthique, ..., (Cargnello, see GiESCO 2019), **2**- to write the "Protocol and the Regulation of the Holistic Universal Bio-Beta Ethics Sustainability Charter 4.1C Free in the Holistic Universal Natural Democratic Conditioning. MetaEtico 4.1CDQ" according to the so-called: "Great Chain Metahetic 4.1C" of the Conegliano Campus 5.1C ", (Cargnello, see GiESCO 2019), **3**-to write a handbook that, as we said, consider and include material and immaterial indexed descriptors, physical and metaphysical, spiritual and non-spiritual, of believers and non-believers, of atheists, of "atheist believers", of theologians, philosophers, psychologists, sociologists, moralists, humanists, writers, environmentalists, economists, politicians, administrators, entrepreneurs, technicians, of the "humanae sàpere", "MetaEthic 4.1C", ethical, existential for man and for all other beings living in the animal and plant kingdom, including: fungi, protists, monarchs, as well as existential for the mineral, landscape, diversity, all diversity, etc., not anthropized and "anthropised" naturally and / or artificially, first, never seen which, too, go beyond the imaginable, beyond "the earth, the heavens, the universes, the multi-verses", social, occupational, environmental, economic, technical and well-being, of well-being, of well Ex sere, of the well-being of psychophysics of the entrepreneur, of the citizen, of society, of micro and macro fauna and micro and macro flora, wild boar, roe deer, hares, deer, birds and grass included. Handbook that now has over 180,000 items, (Cargnello, see GiESCO 2019), **4**-to conduct a whole series of activities and research preparatory to the validation of the "International Project on Sustainable Universal Holistic MetaEthics 4.1C", (Cargnello, see GiESCO 2019), **5**-to realize the first activities, productions, products, parks, landscapes, villages, citadels, districts,..., productive: cultural, social, educational, informative, didactic, for communication, for marketing "BIOMétaÉthique 4.1C" aimed at the validation of "International Project on Sustainable Universal Holistic MetaEthics 4.1C", (Cargnello, see GiESCO 2019), **6**-to the creation of the "Association BIOMétaÉthique 4.1C" with the related internationally registered logo shown below, (Cargnello, see GiESCO 2019), **7**-to the creation of a certification and a guarantee that could overcome the specific problems of the "Indirect Certifications" which represent the totality of the existing ones. Problems overcome very well by the so-called "Direct Certification and Direct Guarantee of Sustainability Universal Holistic MetaEthic 4.1C" of the "Conegliano Campus 5.1C", (Cargnello, see GiESCO 2019), **8**-to realize the first activities, productions, products, parks, landscapes, villages, citadels, districts, ... : productive, cultural, social, educational, informative, didactic, for communication, for marketing "Certificate BIOMétaÉthique 4.1C", (Cargnello, see GiESCO 2019), **9**-to the validation according to the applied philosophy, the methodology of the "Great Metahetic Chain 4.1C" of the Conegliano Campus 5.1C" of the "International Project on Sustainability Universal Holistic MetaEthic 4.1C" of the "Conegliano Campus 5.1C" and relative "Certification 4.1C" and relative " Guarantee 4.1C ", (Cargnello, see GiESCO 2019), **10**-to confront ourselves with the scientific, technical, operational, as well as "Political" world, both ours and with the international one in order to catch any assents, misunderstandings, criticisms for possible corrections and improvements, (Cargnello, see GiESCO 2019), **11**-to continually confront with important sustainability, certifications and relative guarantees, (Cargnello, see GiESCO 2019), **12**-to initiate communication and application activities of the " Sustainability Universal Holistic MetaEthic 4.1C" and of the relative "Direct Certification 4.1C" and relative "Direct Guarantee 4.1C", (Cargnello, see GiESCO 2019), **13**-to evaluate according to the algorithm of the "Grat MetaEthics Chain 4.1C" the results obtained by applying the "Universal Holistic MetaEthics Sustainability 4.1C" and relative "Certification 4.1C " and relative "Guarantee 4.1C " in the case studies, (Cargnello, see GiESCO 2019), **14**-to evaluate according to the algorithm of the "Grat MetaEthics Chain 4.1C" the results obtained by applying the "Sustainability Universal Holistic MetaEthics 4.1C" and relative "Certification 4.1C " and relative "Guarantee 4.1C", (Cargnello, see GiESCO 2019), **15**-to continue information and training activities, (Cargnello, see GiESCO 2019), **16**-ad maiora 4.1C. Therefore, according to the algorithm "A step back towards the future 4.1C", (Cargnello, see GiESCO 2019), and according to the principles of "Charter of Sustainable Viticulture BIO-MetaEthics 4.1CC" of

GiESCO, (Carbonneau et Cargnello, see GiESCO 2019; Cargnello et Carbonneau, see GiESCO 2019; Cargnello, see GiESCO 2019), the historical analysis connected to the innovations and to the "Certification of the Universal Holistic MetaEthical Sustainability 4.1C" has always been fundamental, especially for the "Prosecco Territory" and for the "Prosecco Wine" to design and implement their synergistic future "Sustainable and Certificable 4.1CC" according to the principles of the "Charter of Sustainable Viticulture BIO-MetaEthics 4.1CC" by the GiESCO (Carbonneau et Cargnello, see GiESCO 2019; Cargnello et Carbonneau, see GiESCO 2019; Cargnello, see GiESCO 2019), and of the Conegliano Campus 5.1C. (Cargnello, 1986a, 1994b, 1999a.e, 2009d and Cargnello, see GiESCO 2019). Therefore, considering this historical and glorious past, the current legislation, the international protection of the name and the desire to implement technical, economic and social progress and in particular to implement intra and extra territorial and cross-border relations, as well as, the "Certification of: Activities, Products, Companies, Territory, Bio-MétaÉthique District 4.1C" of Prosecco, a series of activities and researches extended also to the Karst have been restarted since 2011, (Cargnello, see GiESCO 2019), objective of this study. Therefore the activities and the researches have been set following the aforementioned methodological chain and above all, also for reasons of space and for what is requested, going to the final results that most interest the application world doing "Go back to the future" and "Go back 4.1C to the future 4.1C".

1. Introduction

History, culture, applied philology and production models "Sustainable 4.1C" and "Certificates 4.1C"- Objective according to the saying, I 'axiom: "Go back to the future" and "Go back 4.1C to the future 4.1C".

1-Objective: "Go back to the future" and "Go back 4.1C to the future 4.1C" in history, culture and applied philology. Nowadays, people think that Prosecco is a wine from the Veneto Region (from Conegliano and Valdobbiadene in particular), while it comes from Friuli-Venezia Giulia Region (in North Eastern Italy, such as Veneto) more precisely from "Prosecco" in the Municipality of Trieste (TS-Italy), as documented in 1382 (Duke Leopoldo: dedication of the city of Trieste to Austria, 1382) and in 1548, when Pier Andrea Mattioli, described "that ancient wine, which is born in Prosecco", as a wine with the following characteristics "thin, clear, shiny, golden, odorous and pleasant to taste». In the following century the Slovenian Johann Weichard Valvasor, speaking of Duino, on the Trieste coast, states that «the production of wine in this district is excellent, and especially to Prosecco (Prosek, Prosecco), where the famous Prosecco wine is made (Prosecco- Wein) is believed to prolong life ... ». The testimonies continue with the Udine born Antonio Zanoni (1696-1770) who in his writings on agriculture says "our Prosecco, wine that is harvested in the slope of Mount Contuel, part of the Carso, a few miles away from Trieste. In 1777 the governor Zinzendorf in an edict writes that in Trieste, in the Villas and in the Contradas of his territory "exquisite wines were produced; since these now usually stand out in common wines, white and black; as well as in better wines, diligently made, under the name of Liquor, and also these whites, like Prosecco, or both sweet Wine of Trieste, formerly called Ribolla ». From another document we also discover its destination: "the Carinthians buy Prosecco". But the most significant tests are those relating to the "Wine Fair" held in Trieste in 1888. In the "Wine Fair" of Trieste there were the "Sparkling wine Prosecco of the Prosecco" 1887 by Giovanni Balanc and by Giuseppe Klampferer and that one by Marino Luxa of Prosecco the years 1886 e 1887. In the 19th century, many expressed their appreciation for the "Prosecco of the Prosecco" of Trieste. , written in French and English by foreign travelers and authors: «the wine of Prosecco, a village in the neighbourhood, is in some estimation» (1820); «the wine Prosecco, grown on the Karst, has some reputation». A consul from Portugal claimed that the Prosecco of Trieste «having a lot of similarities with Champagne wine». In the same years «Les anciens estimaient beaucoup le vin de Prosecco et l'appelaient le roi des vins. In 1860 «Prosecco, vin du pays mi-mousseux, semblable au vin d'Asti, d'un goût agréable». In 1942 in "*La Viticoltura*" it is written: «On the Eocene coast, between Duino and Miramare where Prosecco village is located, the Glera vine has been cultivated for a long time. Glera imported in the province of Treviso, where it was called with the name of the country of origin» , ... On July 17, 2009 the "Prosecco" has "returned" like a territory wine obtained from the "Glera" variety. (Cosma, vc).

2-Objective: "Go back to the future" and "Go back 4.1C to the future 4.1C" in the "Sustainable 4.1C" and "Certificable 4.1C" production models.

Introduction

These activities and researches have been conducted to try to create, as they created, in particular: 1-

new and original "Sustainable 4.1C global production model" quali: "Prosecco di Prosecco 4.1C" and the "Pergolas of the Karst" type "Reidi" or "ProLatnik" or "Prosecco-Latnik" in its diversifications: "Prosecco-Latnik" classic and "Prosecco-Latnik" modified Reidi always obtained by modifying the "Latnik" according to the integrated viticulture model "Prosecco": these models belong to the sub-group "ProCarCol" or integrated viticultural model 4.1C "Prosecco-Carso-Collio" developed also: **1.1**-to prevent the climatic problems caused by saltiness, spring frosts, wild "bora", climate changes, etc., the productive ones determined by the fertility of the subsoil, soil and air, by biological, productive, socio-economic diversity, .., as well as by fauna (wild boar, roe deer, hares, deer, birds, etc.) while safeguarding their welfare (benessere; bien-être) , of the well of being (ben di essere; bien de être), of the well d' being psychophysical (ben d' essere psicofisico; bien d' être psychophysique), of the entrepreneur, the citizen, of the society, of the micro and macro fauna and micro and macro flora including: wild boar, roe deer, deer, rodents, ... and also including birds and grass and obviously the entrepreneur, the citizen, the society, the diversity (biological and non-biological), the landscape and nature well-developed 4.1C naturally and not naturally, ... , **1.2**- chemical weed control and "Non MetaEthics 4.1C" processing with the total grass growing of the ground without or with mowing, better if it is manual to protect grass, air and soil, **2**-recovery of "historic": land, vineyards, vines, biodiversity, landscapes, productions, products, ... , **3**-production of the famous "Prosekar, also rosé and cerasuolo, of Prosecco" and "Prosecco di Prosecco", according to "A step back towards the future 4.1C", **4**- to offer a deserved "welfare", "well of being" and "psychophysical well-being" to the "Prosecco Territory" and entrepreneurs, **5**-everything is done according to the "Direct Certification and Direct Warranty 4.1C of the Holistic Universal Sustainability MetaEthics 4.1C" of the products, wines, companies, territory and "BIO Métaéthique District 4.1C", according to the principles of the "Charter of Sustainable Viticulture BIO-MetaEthics 4.1CC" by the GiESCO and by the "International Academy for Vine and Wine". (Cargnello, see GiESCO 2019).

Materials and methods

In the new production models "PROSECCO di PROSECCO 4.1C" and "Prosecco-Latnik 4.1C" of the Conegliano Campus 5.1C in their "Sustainable 4.1C" diversification, (Cargnello,1986a,1987d,1988a.b,1991,1993,1994b,1995, 1996,1999a.e.,2007c,2013; Carbonneau et Cargnello, 2003; Cargnello et Carbonneau, 2018; Cargnello et Col. 2001c.g,2009,2012,2014a.g,2017; Gay.Eynard et Col., 2001; Lisa e Col., 1991, Liuni e Col., 1978; Persuric and Col. 2007) essentially the interesting, ingenious, original, sustainable 4.1C principles of the forms have been transferred to the "Pergola Orizzontale" and to the "Pergola Inclinata" of the area of "Prosecco" "Trieste" and of the "Carso" of breeding and pruning systems "Prosecco", as well as the results of the research and activities previously carried out by one of us, on the "Pergolas" and on the "Tendons" in simple or superimposed lifts and in this specific case, on the viticultural production models above mentioned "Prosecco" and in particular, on its derivatives models such as: "Prosecco di Conegliano", "Prosecco del Campus di Conegliano", "Prosecco del Conegliano Campus 4C", "Prosecco del Conegliano Campus 4.1C", "Prosecco del Conegliano Campus 4.1C" "spurred" (not very short spurs) and not spurred, "NiofProsecco 4.1C" and "ProRab4.1C". (Cargnello,2013; Cargnello et Col.,2014a.g,2017; Liuni e Col., 1978). In practice in the integrated wine production models "PROSECCO di PROSECCO 4.1C" and "Reidi" or "ProLatnik" or "Prosecco-Latnik" in their diversification, each section of these poly-trunk production models is placed in succession to cover with the vegetation, rationally separated, all the space of the roof of the Pergola, but to cover it in such a way as to avoid or minimize any damage caused by the famous wind-"Bora", which in these areas can even blow over 100 and more Km/hour, as well as placing vegetation and grapes out of reach, for example, of roe deer, wild boar, deer, birds, etc.

Each trunk and / or permanent cord has one or more fruit heads with the relative renewal spurs. The "Doppio Palco" derives from the double stage of Cargnello taken from Liuni. (Liuni e Col., 1978). These activities and researches were conducted in 8 companies: 5 of which in the "Territorio di Prosecco" (TS) and 3 in the Karst in which the principles of the "Charter of Sustainable Viticulture BIO-MetaEthics 4.1CC" were successfully applied By the GiESCO. (Carbonneau and Cargnello, see GiESCO 2019; Cargnello and Coll., see GiESCO 2019). The first essential findings relating to this work on the production models relating to the "Classic Pergola" and the "Prosecco di Prosecco 4.1C" were carried out following the codified method already published at the time, (Cargnello,1986a,1994b,1995; Carbonneau et Cargnello, 2003) and that of the "Great Methacryport 4.1C" which, of course, we refer you to (Cargnello,1986a,1999a,2008a; Carbonneau et Cargnello, 2003; Cargnello et Carbonneau,2018) are: A- Productive quantitative: 1-production of grapes, B-Productive qualitative: 2-enochimic quality : 2.1- of the grape, 2.2- of the wine, 3-sensory analysis: 3.1- of the grape, 3.2- of the wine, C- economic : 4-price:

4.1- of the grape, 4.2- of the wine, 5- cost: 5.1-of grapes, 5.2-of wine, 6-damage caused: 6.1-from wild boars and roe-deer, 6.2-from birds, 6.3-from wind.bora, D-various: 7-aspect: 7.1-technical, 7.2-economical, 7.3-environmental, 7.4-welfare (benessere; bien-être), 7.5-well of being (ben di essere; bien de être), 7.6-well d' being psychophysical (ben d' essere psicofisico; bien d' être psychophysique): 7.6.1: of the entrepreneur, 7.6.2-of the citizen, 7.6.3-of the company, 7.6.4-of the territory, 7.6.5-of the macro:7.6.5.1- fauna, 7.6.5.2-flora, 7.6.6 -of the micro: 7.6.6.1-fauna, 7.6.6.2- flora, 8-of the birds, 9-of fertility: 9.1- of air, 9.2-of soil, 9.3-of the subsoil, 10-of the water resource:10.1-quantitative, 10.2-qualitative,

Results

Final results that are more interting for the "GiESCO Professional Dey"-*"International Academy of Vine and Wine"*.

Comparison between the production model "Prosecco di Prosecco 4.1C" and the production model "Classic Pergola in Trieste": 1-production of grapes + 15%, 2-enochemical quality: 2.1- of grapes: sugar + 6%, acidity + 2%, pH +0.4, 2.2-of wine: overall + 9%, 3-sensory analysis: 3.1- of grapes + 18%, 3.2-of wine + 21%, 5th-cost: 5th. 1-of grapes + 8%, 5a.2-of wine + 10%, 5b-price: 5b.1-of grapes + 11%, 5b.2-of wine + 23%, 6-damage caused: 6.1 -from wild boar and roe deer: 0%, 6.2-from birds: almost 0% ,, 6.3-from bora: absent, 7-aspect: 7.1-technical: increase in technical, cultural and relational growth, 7.2-economic: 7.2.1- of grapes + 3%, 7.2.2-of wine + 13%, 7.3-environmental: the landscape and the territory have benefited, 7.4-well-being:: 2 on a scale from 1 to 10, 7.5-well of being: 5 on a scale from 1 to 10, 7.6-well of being psycho-physical: 7.6.1: of the entrepreneur: 9 on a scale from 1 to 10, 7.6.2-of the macro: 7.6.2.1-fauna: almost total improvement, 7.6 .2.2- of birds: almost total improvement, 7.6.2.3- flora: almost total improvement, 7.6.5-of micro: 7.6.5.1-fauna, 7.6.5.2- flora: 7.6.5-of micro: 7.6.5.1-fauna: improvement almost total, 7.6.5.2 - flora: almost total improvement, 8-of fertility: 8.1-of air: good, 8.2-of soil: excellent, 8.3-of the subsoil: good, 9-of the water resource, 9.1-quantitative: good, 9.2-qualitative: good,

Conclusions

These researches are contributing among other things: 1- to model and enhance historic, old vines, to rejuvenate and reinvigorate plants, 2-to recover a productive surface, at the moment uncultivated, 3-to revive the territory and the relational relationship in the territory and extra-territory and common sense, 4-and are helping to solve, among other things, 4.1-relational, historical, cultural, social, cultural, landscape, structural, public administrative and "Political" problems, 4.2-expectations entrepreneur, citizens, administrations, local associations, consumers, society, agreements made, welfare (benessere; bien-être) , of the well of being (ben di essere; bien de être), of the well d' being psychophysical (ben d' essere psicofisico; bien d' être psychophysique), 5-to extend, how they are spreading: activities, companies, parks, landscapes, villages, citadels, districts, productions, certified products "BioMétaÉthique 4.1CC", ...

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Bibliography**

8-LIUNI C.S., CATALANO V., CARGNELLO G., DI DONNA M., PALUMBO G. (1978): Il sistema di allevamento "Puglia". Atti del Convegno Nazionale sulla Vendemmia Meccanica in Italia, Firenze, pp. 197-204. **13-CARGNELLO G. (1986a):** Recherches de nouveaux systèmes de conduite pour une viticulture économique et de qualité dans le Nord de l'Italie. Thèse. Université de Montpellier (France), pp.1-332. **16-CARGNELLO G. (1987d):** Viticoltura in terreni con forte pendenza: primi risultati di ricerche su "nuovi" modelli di viticoltura. Atti del Simposio Internazionale su "L'avvenire della viticoltura di montagna", Saint-Vincent

(AO), pp. 211-213. **17-CARGNELLO G.** (1988a): Gestione razionale del territorio dei processi produttivi e sociali e forme di allevamento della vite. *Gauss Agricoltura*, 8-10, pp. 5. **21-LISA L., CARGNELLO G.** (1991): Confronto tra sistemi di allevamento della vite nelle colline piemontesi. *Atti Convegno GESCO, Conegliano*, 9-10/04, *Riv. Vitic. Enol.*, 4, pp. 83-91. **25-CARGNELLO G.** (1993): Etudes de base microclimatiques, ecophysiologiques et productives relatives à la mise au point de la viticulture de l'"ARPA" (HARPE). *GESCO, Reims (France)*, 14-16/04, pp.171. **28-CARGNELLO G.** (1994b): social, existential, ethical and economic aspects concerning new models of an increasingly profitable viticulture in researches on "global reasoned viticulture". XXIV International horticultural congress, Kyoto (Japan). **30-CARGNELLO G.** (1995): Recherches sur le modélisme pour une production viti-vinicole globalement intégrée dans des terrains à fortes et très fortes pentes. *Compte-rendu n° 8 GESCO, Vila do Conde (Porto)*, 03-05 Juillet, pp. 344-350. **38-CARGNELLO G.** (1999a): Evaluation "globale" de processus productifs, d'aspects techniques et scientifiques divers, etc: considérations générales relatives à la "Grande Filière" viti-vinicole. *GESCO Sicilie, Italie*, 6-12 June, pp.362-37. **41-CARGNELLO G.** (1999e): Modélisme et classification de systèmes de conduite de la vigne à toit horizontal et incliné type pergole classiques et modifiés. *GESCO Sicilie, Italie*, 6-12 June, pp. 632-638. **44-CARGNELLO G., PERSURIC G., DRAGAN P.** (1999): New results of research into some "new" training systems in Istria (Croatia). *GESCO Sicilie, Italie*, 6-12 June, pp. 441-447. **48-CARGNELLO G.** (2000b): La "forma di allevamento PROSECCO". *Taste-Vin*, n° 6 pp. 30-35. **53-CARGNELLO G., RIDOMI A., PEZZA L. et GALLO G.** (2001c): Comparaison dans les vignobles du Prosecco entre Sylvosz modifié "Prosecco", Cordon couronné classique avec différentes charges en bourgeons et "tridimensionnel" et taille en sec mécanique raisonnée. *Compte-rendu n° 12 GESCO, Montpellier*, 3-7 Juillet. Vol. 2, pp. 447-453. **55-CARGNELLO G., CASADEI G., SPERA G., MORETTI Simonetta, CIOLFI C., GAROFOLO A., CECCHINI F., MORASSUT M., PEZZA L., LOVAT L., DI GAETANO R., RIDOMI A., COLETTI M.** (2001g): Premières recherches sur différents (51) nouveaux modèles de vignoble traditionnels et d'innovation. II Contribution. *Compte-rendu n° 12 GESCO, Montpellier*, 3-7 Juillet. Vol. 2, pp. 457-463. **56-GAY EYNARD Giuliana, NOVELLO V. et CARGNELLO G.** (2001h): Aperçu sur l'évolution des systèmes de conduite. *Compte-rendu n° 12 GESCO, Montpellier*, 3-7 Juillet. Vol. 2, pp. 671-672. **67-CARBONNEAU A., CARGNELLO G.** (2003): Architectures de la vigne et systèmes de conduite: Dictionnaire, Potentialités. Ed. Dunod. Paris (F) pp. 1-286. **78-CARGNELLO G. et CARBONNEAU A.** (2007a): Méthode de la "Grande Filière" appliquée au management d'un modèle productif de vignoble. *Proceedings XVth International Symposium GESCO Porec-Croatia 20-23 June*, pp. 16-33. **80-CARGNELLO G.** (2007c): "Innovations" to make "universal" "sustainable" the development of viticulture. Various researches and considerations. *International symposium on Viticulture and Enology. Yangling, Shaanxi (CN)*. 20-22 April, pp. 1-34. **84-CARGNELLO G.** (2008a): "Grande Filière" - "Viticoltura Etica": urgente necessità di andare oltre la "qualità.profitto" tecnico ed economico puntando sulla viticoltura "etica". Considerazioni varie. *Atti 2° Convegno Nazionale di Viticoltura (CONAVI), Marsala 14-19 luglio* pp. 1-12. **91-CARGNELLO G.** (2009d): "Great chain: urgent necessity the focusing on the "MetaEthical" viticulture or "Great" viticulture: research and various considerations. 16 th International Symposium GIESCO 2009 Uc-Davis (USA - CA). Pp. 31-35. **95-CARGNELLO G., PEZZA L., GALLO G., DI GAETANO R., CASADEI G., CINTONI C., MORETTI Simonetta, ALBANESE A., COMANDINI Maria Cristina, RUGINI E., BOATTO V., SCAGGIANTE S., TEO G., BONGHI C., BARISAN L., VEILLEUX Lissa** (2009): Viticultural and economic-social-metaethical researches in the "cordon spur of Conegliano" and in the "vertical tridimensional minimal pruning of Conegliano" (VTMPC) with and without DMR-ps ("Doppia Maturazione Ragionata - passerillage sur souche - Double Reasoned Maturation of Conegliano"). 16 th International Symposium GIESCO 2009 Uc-Davis (USA- CA). pp. 311-315. **122-CARGNELLO G., CARBONNEAU A., MURISIER F., QUEIROZ J.** (2012): Researches on traditional and new models of cultivation systems for the development of mountain or steep slope viticulture. IV International Congress on Viticulture in Mountain. Lyon (France) 7-9 novembre 2012. *Atti vari "Conegliano Campus"*. **128-CARGNELLO G.** (2013): "Prosecco", "Niof Prosecco" et "Pro.Rab" du "UNIC": "Nouveaux- Vieux" intéressants modèles productifs de la vigne du Conegliano Campus. *Acts 18 th International Symposium GiESCO from the 7-11 July 2013. Porto (Portugal)* pp. 593-597. **134- CARGNELLO G., FIGHELI G., MAURIGH D., TEO G. E VEILLEUX LISSA** (2014a): Recherche su caratteristiche produttive, sensoriali e socio-economiche dell'uva del "Cordone Speronato R4C" con potatura a "Bourre" e a "Bourrillon". *Viticoltura. Foggia 1-3 luglio. CONAVI: V Convegno Nazionale di Viticoltura. Foggia 1-3 luglio*. **138- CARGNELLO G., BISOL E., SCARPEL V., LOVAT L., TEO G., CECCHETTO G., PLTLESHAI S., BRUGNERA F., GIGANTE D., RIVA GM., LUNARDELLI S., BACCICHETTO A., MARCHI G., PEZZA L., CAMATTA TERESA., VEILLEUX LISSA** (2014g): "Prosecco", "Prosecco of Conegliano", "Prosecco by Campus of Conegliano", "Prosecco by

Conegliano Campus", the "NiofProsecco", the "PRORAB": historical and original new forms of cultivation of the vine. OIV: 37th World Congress of Vine and Wine. November 9th - 14th 2014 Mendoza (Argentina). **146**-CARGNELLO G., 2016a. La "Grande Filiera MetaEtica 4.1C", la "Rivoluzione 4.1C dell'Agricoltura" viticoltura compresa, la "Sostenibilità Universale 4.1C e 5.1C" e la "BIOBIOSOS4.1C e 5.1C". ARGAV, 25-11. Pp 1-38. **149**-CARGNELLO G. and Col. 2017. The "Great Chain MetaEthics 4.1C" fundamental basis for a "Universal Sustainability 4.1C and 5.1C" or "MetaEthics Sustainability 4.1C and 5.1C Smarc", as well as the "Revolution 4.1C", the "Organic 4.1C", the "Biodynamic 4.1C" and also of viticulture and of the viticulture, extreme heroic, for concours, innovative, integrated of mountain, land in strong and very strong slope. Acts 5th International Congress of the Mountain and Steep Slope Viticulture. 29th march to 1st april. Conegliano-Italy.**156**.CARGNELLO G. and CARBONNEAU A., 2018. Basic model to design and model the present for a "Sustainable Universal Holistic MetaEthic 4.1C.18" future of all, wine growing included. 41st World Congress of the Vineyard and Wine of the OIV; 19-23 November 2018; Punta del Este (Uruguay).

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