



Your vineyard is just three steps away...

Catalogue of enological services - short version



VITI CULTURA is the first company in Poland offering fully specialised services related to vineyard establishment and wine production. We provide comprehensive services of vineyard design including: sourcing a suitable location, evaluating usefulness of the land and preparing the site for a vineyard as well as planting. We provide full spectrum vinegrowing and winemaking consultancy as well as the marketing and distribution assistance.

Our team constitutes of highly trained people with many years of experience in viticulture and wine production, who acquired and consolidated their wine-making and vine-growing expertise in vineyards and wineries all over the world. We did (and do) participate in the realisation of numerous projects across the Europe.

We guarantee, with our expertise and experience, that the dream of your own vineyard will not only come true but will also turn out to be a successful professionally-run vineyard business with strong financial results.

We are looking forward to work with you!

1. Vineyard design

	Stage	Cost	Description
1.	Finding a suitable vineyard location	negotiable	Indicating a suitable location or assisting in finding one with favourable conditions for vine growing. Consultancy services - not applicable to real estate in terms of assistance in sale and purchase of agricultural land.
2.	Land suitability assessment	free of charge	This stage includes an on-site visit and inspection of a land of min. 1 hectare (1-2 people). The inspection is aimed at examining the land's potential and provides the basis for further design works. At that time soil samples may be taken and discussions with the owner regarding plantings initiated. The main objective of such a visit is to reject or approve the suitability of the land for vine growing purposes.
3.	Soil samples study	in line with current market prices	Conducting a soil study and taking samples to determine the content of basic macronutrients (P, K, Mg + pH) and providing basic guidelines for fertilization and obtaining a desirable pH. The number of samples varies from between several to a dozen depending on the size and diversity of potential parcels.
4.	Vineyard conceptual design	negotiable	VINEYARD CONCEPTUAL DESIGN is in the form of written observations based on the land inspection. The project study includes: <ul style="list-style-type: none"> • the analysis of a location, topography and macro-, meso-, and microclimate conditions, • information on the soil structure as well as water and air conditions, • historical conditions of the agriculture in the region and surrounding areas, • the concept of growing different varieties with an initial proposal of land parcelling, • the concept of wine production with regards to a quantitative or qualitative approach, • an overall business plan, • other aspects of the cultivation, including the means of growing and installation of appropriate post systems. The price depends on the size, the number of parcels and the complexity of the design.
5.	Design consultancy stage	free of charge	This stage provides for consultations between the investor and the persons in charge of the design on behalf of VC to determine the final scope of the design and the schedule for its realization.
6.	Detailed vineyard realization design	50% of the price of the design referred to in point 4	VINEYARD REALIZATION DESIGN – contains final and detailed arrangements related to the design realization, including land parcelling, selection of varieties, clones, rootstocks, forms of growing, a detailed planting plan (scale 1:500 or 1:1000) and a schedule for and method of planting. This stage leads to signing a contract for design realization.
7.	Detailed soil study and land parcelling	optional	A detailed study of soil profiles and soil sampling to determine floating particles (partially including micronutrients). The number of samples varies from a few dozen to a few hundred depending on the field size and the diversity of potential parcels.
8.	Region and terroir climate study	optional	A detailed study of climate conditions on the basis of public data obtained from monitoring stations, professional literature, with the application of a numerical terrain model. If local data is available and the measurements can be obtained in high-resolution, it is possible to establish the climate for the whole land or even individual parcels.
9.	Financial business plan	optional	A detailed business plan devised for a specified investment for a period of 20-25 years.
10	EU subsidies	free of charge	Assistance in obtaining subsidies from the EU.



Land suitability assessment

2. Vineyard realization

	Stage	Cost	Description
1.	Land preparation	free of charge	Consultancy in relation to any essential activities to be completed before the plantings.
2.	Ordering grafted grapevines and seedling delivery	in line with current market prices	We provide seedlings only from renowned producers with a reliable reputation. The supplies may come from their current offer or a variety/clone/rootstock combination may be grafted a year in advance according to the specifications of the prepared design.
3.	Field staking and planting	negotiable	Machine planting is recommended for vineyards of more than 1 ha. This service is provided with our own machine, manufactured by Wagner, with an efficiency of up to 10 thousand seedlings per day (about 2.5 ha) that may be achieved thanks to our reliable team members, who have proven themselves while working at a number of vineyards.
4.	Bamboo stakes supply	in line with current market prices	It is also possible to apply other stakes to support young grapevines.
5.	Posts supply	in line with current market prices	We recommend the first Polish post system manufactured by VITICULTURA™, which reduces the number of man-hours devoted to growing and pruning grapevines. .
6.	Posts installation	negotiable	There are two possible ways of installing the posts; one being comprehensive and the other, cheaper version – so called ‘simplified’.
7.	Consultation services on the purchase of equipment and facilities necessary for vineyards	free of charge	Selection of the best equipment suitable for the scale of the investment, including field equipment. Consultancy on the selection of meteorological stations and sensors (recorders).



3. Running a vineyard

	Stage	Cost	Description
1.	Running a vineyard in the first year	negotiable	Tractor-assisted tying, fertilizing, spraying, cultivating and burying the vine for winter.
2.	Running a vineyard in the second year	negotiable	Identical as in the first year modified to the requirements of biennial plants.
3.	Running a vineyard in subsequent years	negotiable	Identical as in the first two years, while taking into account the age and other needs and requirements of the plants.
4.	Consultancy on running a vineyard in individual years	free of charge	Consultancy and assistance regarding services related to running a vineyard (applicable to the Clients of Viti Cultura).
5.	Consultancy on protection	optional	We provide specialised consultation services on the application of individual protection measures.
6.	Consultancy on fertilization	optional	We provide specialised consultation services on the application of fertilizers at every stage of vine growing.
7.	Consultancy on weather	optional	We provide specialised consultation services in relation to weather forecasts and climate study for individual regions or plantations along with ongoing notifications regarding ground frost.



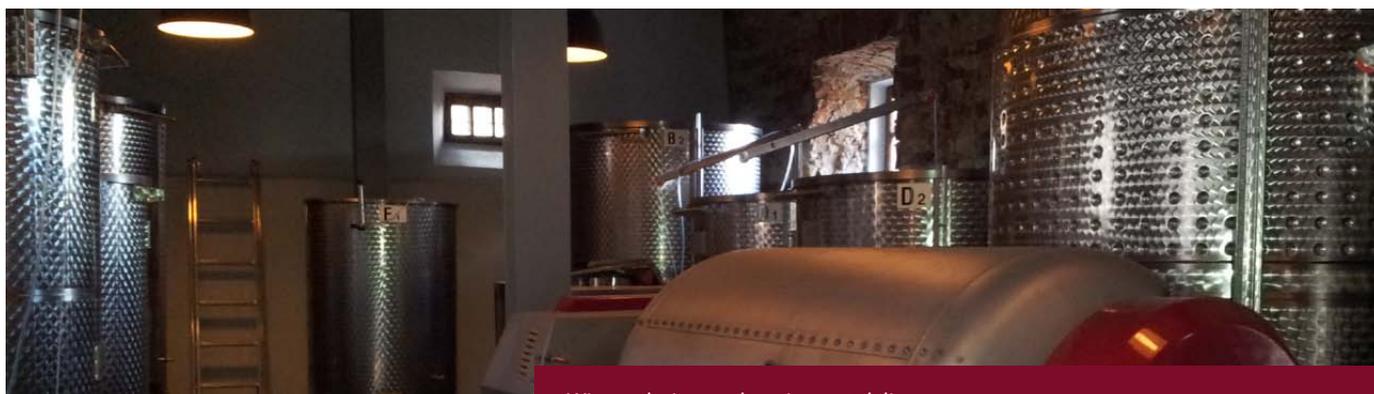
Running a vineyard



Consultancy on protection and fertilizing

4. Winery design and realization

Stage	Cost	Description
1. Winery design	negotiable	The winery design, along with the required equipment, devised by a certified enologist and adapted in an optimal manner to the types of wines selected by the wine-maker, enables greater time efficiency. The design concentrates on the quality of wines and the ease of equipment application along with its maintenance with regards to cleanliness and efficiency. The design is based on offers proposed by manufacturers from all over Europe (including several leading wine producers to choose from). Our objective is to maintain the best value for money for the most professional equipment.
2. Equipment delivery	in line with current market prices	Viti Cultura guarantees the purchase of high quality equipment with regards to the actual needs of a winery and vine-growers' plans without incurring unnecessary expense on equipment inconsistent with the concept or the range of production. Owing to the years of contacts established on the wine market and cooperation with European manufacturers of winery equipment, we can offer special discounts on the majority of equipment.



Winery design and equipment delivery

5. Wine production

Stage	Cost	Description
1. Overall supervision of wine production	negotiable	A comprehensive range of services leading to the production and bottling of wine by and under the supervision of a certified enologist.
2. Ongoing consultancy and on-site enological services	negotiable	An enologist's visit at the winemakers' request.
3. Consultancy on weather	free of charge	Remotely provided enological consultation and assistance (applicable to clients of Viti Cultura)
4. Vineyard registration and wine production legalization	optional	Assistance in fulfilling the requirements related to filing an application and registering a vineyard and wine production.
5. Wine sale	negotiable	Consultation services on merchandising and current sale policy on the Polish market and abroad. Cooperation with wine wholesalers.

6. Other services

	Stage	Cost	Description
1.	Identification of varieties	negotiable	Preliminary identification of grapevine varieties on the basis of the submitted photographs (for the majority of classic varieties of grapevines).
2.	<i>In situ</i> identification of varieties	negotiable	Thorough in-situ identification of the varieties and an ampelographic analysis of the submitted material.
3.	Genetic study of grapevines	negotiable	A study on the origins of a grapevine variety and its genetic resistance to downy and powdery mildew (Rpv1, Rpv3, Ren1, Ren2, Run1, Rpv_x).
4.	Study of health status of the grapevine material	negotiable	ELISA tests to determine the presence of grapevine viruses (GLFV Grapevine Fanleaf Virus, GLRaV1 GLRaV3 Grapevine Leafroll Virus, ArMV Arabis Mosaic Virus), other viruses -ToBRV, RRV-ch, RRV-g, or other bacterial and phytoplasma diseases (Agrobacterium Vitis) depending on the availability of cooperative laboratories.
5.	Study of grapevine condition	negotiable	Grapevine age determination, dendroclimatic analysis and damage assessment after exposure to frost or ground frost.



Identification of grapevine varieties

7. Consultancy and training

	Name	Specialisation
1.	Agnieszka Wyrobek Rousseau	Wine production, wine-care principles, wine study and adjustments as well as wine production and technical wine tasting.
2.	Wojciech Bosak	Grapevine terroir requirements, vineyard site selection, history and current situation of vine-growing in Poland and all over the world, legislation, enotourism, economics of production and marketing of wine and wine tasting.
3.	Krzysztof Górka	Grapevine qualification systems, mass and clonal selection, ampelography, resistant varieties, vine-growing systems – including VITICULTURA™ original system and financial aspects.
4.	Damian Małek	Equipment selection, field work, pruning and growing, description of vineyard establishment techniques and grapevine planting.
5.	Janusz Mazurek, Ph.D.	Grapevine protection and fertilization. External consultant – klinikaroslin.com.
6.	Monika Białobrzaska	Climatic and dendroclimatic studies, modelling and spatial analysis, suitable location selection, analyses and meteorological reports (newsletters) for vineyards. External consultant – specific weather forecasts (in cooperation with meteoplus.pl).

Let's make wine together!

