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University of Cagliari (UNICA), Italy



Institute of Sciences of Food Production/National Research Council (ISPA-CNR), Italy



The National Institute of Health and Medical Research (INSERM), France



University of Carthage (UCAR), Tunisia



Saint Joseph University of Beirut (USJ), Lebanon



The National Trade Union Chamber of wine, beer and spirits' producers (UTICA), Tunisia



Berytech Foundation (BERYTECH), Lebanon



Jordan Society for Scientific Research, Entrepreneurship, and Creativity (JSSREC), Jordan

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Chateau Ksara SAL, Chateau Kefraya e Chateau St. Thomas (Lebanon)

National Agricultural Research Institute of Tunisia – INRAT (Tunisia)

National Center for Agricultural Research and Extension of Ministry of Agriculture (Jordan)

Palestinian National Agricultural Research Center NARC (Palestine)

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<https://www.researchgate.net/project/BESTMEDGRAPE>

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BESTMEDGRAPE

NEW BUSINESS OPPORTUNITIES & ENVIRONMENTAL SUSTAINABILITY USING MED GRAPE NANOTECHNOLOGICAL PRODUCTS (BESTMEDGRAPE)

**Priority: A.2.1 Technological
transfer and commercialisation
of research results**



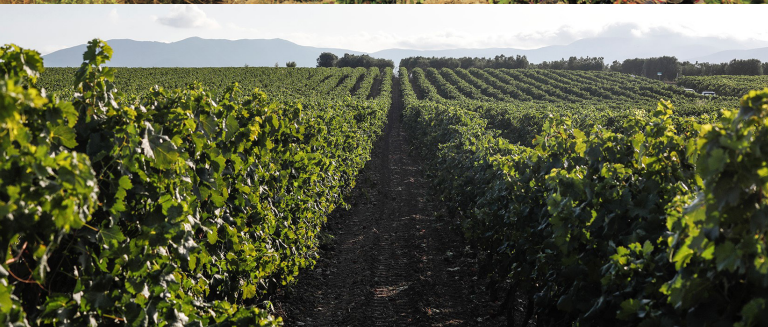
THE PROJECT



Grape, as a traditional crop in the Mediterranean area, has a strong innovation potential that has not been effectively exploited yet. Winemaking by-products are especially considered a waste in spite of their high potential health-promoting value. Based on the Research & Development experience of the partners in

these fields, BESTMEDGRAPE aims at transferring scientific and technological knowledge on local grape cultivars and on the exploitation of wine by-products as a source of bioactive compounds that can be transformed into innovative commercial products for health promotion. Moreover, the support to business creation will promote the creation of new StartUps or Small/Medium Enterprises. Hence, not only the project will valorise grape as a Mediterranean product, but it will also promote the extension of the grape value chain through the development of nanotechnological products, boosting local economy, reducing environmental pollution and increasing employment opportunities.

The project started in September 2019 and it will last three years.



BESTMEDGRAPE expects to change the attitude in the way Mediterranean entrepreneurs deal with botanical and beneficial properties of local grape cultivars. Great attention will be devoted to the manufacture of high-quality nanotechnological, cosmeceutical and nutraceutical products. This will entail the growth of a new value chain derived from grape waste and related job/business opportunities. In addition, the project will contribute to preserve the Mediterranean biodiversity, by avoiding environmental contamination from the huge quantity of bulky waste generated during winemaking.



OBJECTIVES



EXPECTED ACHIEVEMENTS

WHO WILL BENEFIT?



- Farmers and wineries
- 25 early-stage researchers
- 150 potential entrepreneurs
- Existing enterprises and industrial processing companies interested in recycling winemaking waste
- Consumers and end-users interested in environmentally-friendly grape products
- 15 Public Institutions involved in environmental sustainability
- 20 living labs activated and at least 4 co-publications on grape cultivars characterisation and extraction
- 1 cross-border technology platform developed to support business networking on grape waste exploitation
- 250 users interested in technological studies available through the platform
- 10 products and services developed for commercialisation in the field of grape derivatives
- 10 newly-established companies operating in the production and commercialisation of innovative products and services in the field of grape and its derivatives
- 250 pre-competitive analyses of promising products and services
- 150 potential entrepreneurs selected for the exploitation of promising grape-related products and services.

