



PRIVACY STATEMENT

DATA PROCESSING OPERATION: 'I-GRAPE CONTACTS DATABASE'

1. Introduction

The i-Grape: Integrated, Low-Cost and Stand-Alone Micro-Optical System for Grape Maturation and Vine Hydric Stress Monitoring Project has received funding from the European Union's Horizon 2020 under Grant Agreement n° 825521. The Project aims at the development of fully integrated, small, low-cost, standalone smart system used for grape maturation monitoring. It will consist of an optical detection head (flexible strip or transparent canopy) connected to the grape bunch, including power, signal pre-processing, and wireless communications. The detection head will be optically based (UV-VIS-NIR) using an integration of LED sources and photodiode/interference filter arrays at wafer level or wafer package level. This project aims at the development of a fully integrated, small, low-cost, standalone device used for grape maturation and vine hydric stress monitoring. It will consist of an optical detection head connected to the top of the grape bunch, including power, signal preprocessing, and communications. The reflectance and fluorescence measurements will be used at various wavelengths to probe spectral signatures for phenols (for instance anthocyanins reflectance have a maximum absorption band at around 500-540nm, and flavonols-reflectance at 300-400 at about 370nm), for chlorophylls (fluorescence at 680-750nm) and other indexes. pH and Brix will be correlated with the optical reflectance and fluorescence measurements.

The i-Grape Consortium is composed by the following partners:

1. International Iberian Nanotechnology Laboratory (INL), the Coordinator
2. INESC Microsistemas e Nanotecnologias (Portugal)
3. Department of Microsystems Engineering – IMTEK University of Freiburg (Germany)
4. DiSAA | Università degli Studi di Milano (Italy)
5. Sogrape Vinhos, S.A. (Portugal)
6. Automation, Advanced Lab Solutions (Italy)

2. Purpose

The purpose of this data processing operation is: subscription of newsletters; publications and events announcements; dissemination of the i-Grape activities; information about the i-Grape project, services and contests; to promote innovation and technology transfer; to send survey forms and other communications activities.

3. Description of the data processing operation

The Personal Data is stored in a database of i-Grape Consortium named "i-Grape Contacts Database".



4. Data processed

The data processed, including personal data, contain the following: first name, last name and e-mail address.

5. Controller of the processing operation

The International Iberian Nanotechnology Laboratory (INL), is responsible for the management of the data processed under this operation.

6. Legal Basis

The processing of personal data is required to contact and receive information regarding the activities developed by the i-Grape Project. Therefore, not providing the required personal data or not accepting the privacy statement concerning this data processing operation will render it impossible to register, submit or receive information regarding said activities. In accordance with the Regulation UE no. 2016/679 (General Data Protection Regulation), where applicable, as well as any other legislation or regulatory requirements in force from time to time which apply to each Party relating to the use of personal data, the i-Grape Consortium assures that the personal data obtained from your submission will be incorporated into a record, property of the i-Grape Consortium, having implemented all security measures.

7. Security Measures

The i-Grape Consortium shall ensure that it has in place appropriate technical and organisational measures to protect against unauthorised or unlawful processing of Personal Data and against accidental loss or destruction of, or damage to, Personal Data, appropriate to the harm that might result from the unauthorised or unlawful processing or accidental loss, destruction or damage and the nature of the data to be protected, having regard to the state of technological development and the cost of implementing any measures.

8. Recipients of the data

The i-Grape Consortium will have access to the personal data, as well as the project's contractors and, if requested, the Program Managing Authorities ([H2020](#)).

Contractors are defined as service providers engaged by the i-Grape Consortium to perform specific tasks related to the execution of the i-Grape Project. Contractors shall have access to personal data on a specific need-to-know basis, they shall be made aware of this privacy statement and they shall undertake obligations no less onerous than those contained in this statement.

Personal data will not be used for other purposes than those described above. Except for the situations referred to in the previous paragraphs they will not be disclosed to any third parties.



9. Legality of processing

Processing is necessary for the performance of the tasks carried out on i-Grape Project, under Grant Agreement n° 825521.

10. Provision, access and rectification of the data

Each person has the right to access his or her own personal data and the right to correct any inaccurate or incomplete personal data, as well as to request the removal of his or her personal data, which will be implemented within 10 working days after your specific request will be deemed legitimate. Queries concerning the processing of personal data may be addressed to the following email: dataprotection@inl.int

11. Time limit for storing data

Records shall be retained until the request for removing the personal data from our database.